

HIKVISION

Product Catalog

——Camera

V2.0.0

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Analog Camera

H Series Name Description

DS-2CC176P-C	DS-2	C	C	1		7	6	P	-C
DS-2CC512N-IR3	DS-2	C	C	5		1	2	N	-IR3
DS-2CC1185P-A	DS-2	C	C	1	1	9	5	P	-A
DS-2CC5197P-VP	DS-2	C	C	5	1	9	7	P	-VP
	①	②	③	④	⑤	⑥	⑦	⑧	⑨

①: "DS-2" — HIKVISION camera and dome

②: "C" — Color camera

③: "C" — Analog H series camera

④: Structure

"1" — Analog box&bullet camera

"5" — Analog dome & mini camera

⑤: Generation

"Default" — 1st generation analog camera

"1" — 2nd generation analog camera

"2" — 3rd generation analog camera

⑥: Horizontal resolution

"0" — 420TVL

"1" — 480TVL

"3" — DIS

"7" — 540TVL or 560TVL

"8" — 600TVL

"9" — 650TVL

"A" — 700TVL

"C" — 720p

"D" — 1080p

⑦: Special features

"1" — Support OSD menu & 2D DNR

"3" — Support OSD menu & 3D DNR

"5" — Low illumination camera

"6" — 1/2" high light compensation camera

"7" — WDR camera

"8" — 1/3" high light compensation camera

⑧: Signal system

"P" — PAL signal system

"N" — NTSC signal system

"SP" — HD-SDI/PAL signal system

"SN" — HD-SDI/NTSC signal system

⑨: Extended Information

“-VP”——Vandal proof Ingress Protection
“-VF”——Vari-focal lens
“-A”——Support AC 24V / DC 12V
“-C”——Support AC100V~240V
“-IR” ——Support IR
“-IR1”——10 to 20 meters IR Range
“-IR2”——20 to 30 meters IR Range
“-IR3”——30 to 40 meters IR Range
“-IR5”——50 to 60 meters IR Range
“-IRA”——100 to 110 meters IR Range
“-IRT”——IR with vari-focal lens
“-H”——Heater
“-DG”——Pinhole camera
“-BT”——Mini bullet camera
“-FD”——UFO camera

E Series Name Description

DS-2CE1582P-VFIR3	DS-2	C	E	1	5	8	2	P	VFIR3
DS-2CE5582N-IR3	DS-2	C	E	5	5	8	2	N	IR3
DS-2CE5512P-IRP	DS-2	C	E	5	5	1	2	P	IRP
DS-2CE1512P-IR	DS-2	C	E	1	5	1	2	P	IR
	①	②	③	④	⑤	⑥	⑦	⑧	⑨

- ①: "DS-2" — HIKVISION camera and dome
- ②: "C" — Color camera
- ③: "E" — Analog E series camera
- ④: Structure
- "1" — Analog box&bullet camera
 - "5" — Analog dome camera
- ⑤: Generation
- "5" — 1rd generation analog camera
 - "6" — 2rd generation analog camera
- ⑥: Horizontal resolution
- "1" — 500TVL
 - "8" — 600TVL
 - "9" — 650TVL
 - "A" — 700TVL
- ⑦: Special features
- "3" — Support OSD menu
 - "5" — Low illumination camera
 - "7" — WDR camera
- ⑧: Signal system
- "P" — PAL signal system
 - "N" — NTSC signal system
- ⑨: Extended Information
- "-VP" — Vandal proof Ingress Protection
 - "-VF" — Vari-focal lens
 - "-A" — Support AC 24V / DC 12V
 - "-IR" — Support IR
 - "-IR1" — 10 to 20 meters IR Range
 - "-IR2" — 20 to 30 meters IR Range
 - "-IR3" — 30 to 40 meters IR Range
 - "-IR5" — 50 to 60 meters IR Range

Color Camera

420TVL Color Camera

DS-2CC102P(N)(-A)(Released)



Key Features

- Compact design
- SONY CCD
- Flickerless Mode
- Day/Night with auto switch
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability

Specification

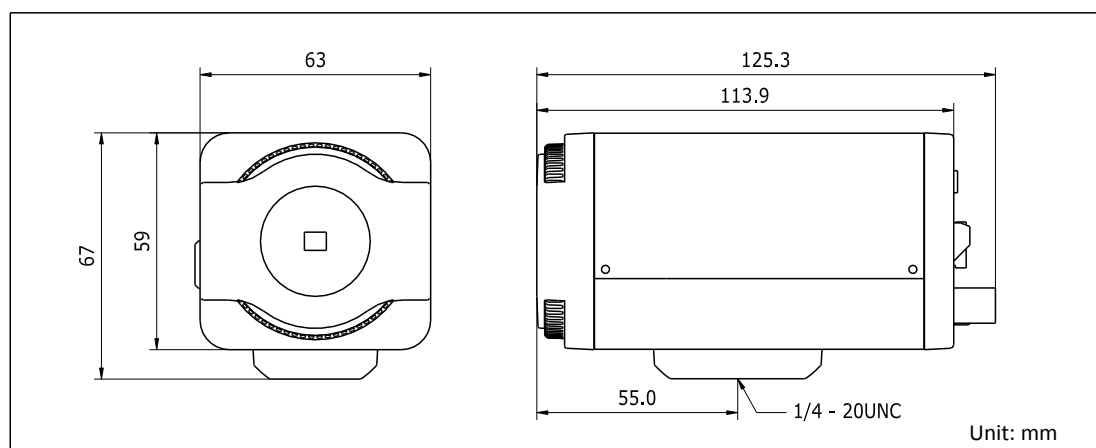
Model Parameter	DS-2CC102P(N)(-A)
	420 TVL CCD Box Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens Mount	C/CS mount

Auto Iris	DC/Video drive
Day & Night	Electronic
Horizontal Resolution	420 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output(75 Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On/Off
General	
Working Temperature/ Humidity	-10 °C - 60 °C (14 °F - 140° F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10% (-A series support 12 V DC $\pm$ 10%/24 V AC $\pm$ 10%)
Power Consumption	Max. 2 W (-A series Max. 3.5 W)
Dimensions	63 $\times$ 67 $\times$ 125.3 mm (2.48" $\times$ 2.64" $\times$ 4.93")
Weight	550 g (1.21 lbs)

Order Models

DS-2CC102P DS-2CC102P-A
DS-2CC102N DS-2CC102N-A

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ-S



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC502P(N)-FB(Released)



Key Features

- Compact design
- SONY CCD
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Impact Protection: IEC 60068-2-75 test, Eh, 50J; EN 50102, up to IK10

Specification

Model	DS-2CC502P(N)-FB
Parameter	420 TVL CCD Vandal-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.18 Lux @ (F1.6, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	4 - 9 mm @ F1.6
	Angle of view: 74.6° - 32°
Lens Mount	Φ14
Angle Adjustment	Pan: 0 - 355°; Tilt: 0 - 90°;
Day & Night	Electronic
Horizontal Resolution	420 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)

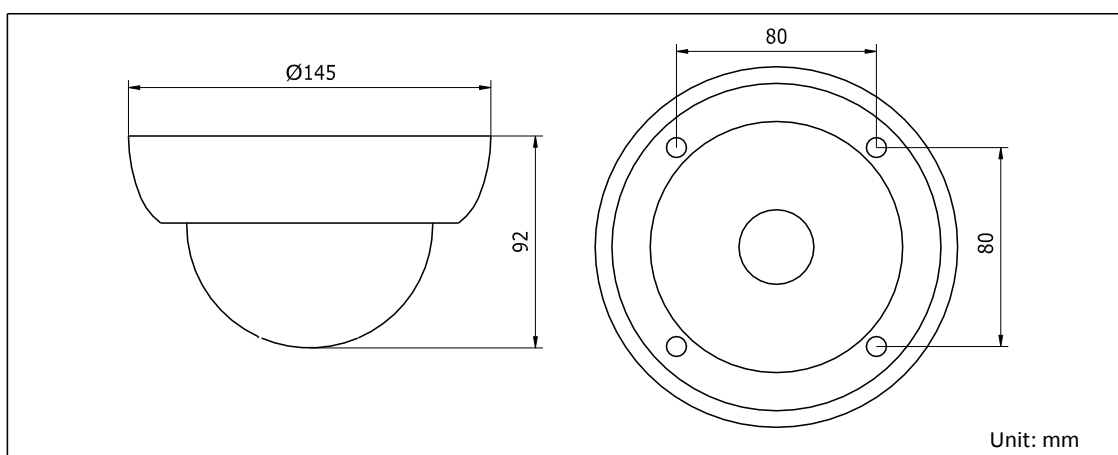
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W
Impact Protection	IEC 60068-2-75 test, Eh, 50J; EN 50102, up to IK10.
Dimensions	Φ 145 × 92 mm (φ 5.71" × 3.62")
Weight	660 g (1.46 lbs)

Order Models

DS-2CC502P-FB

DS-2CC502N-FB

Dimensions



DS-2CC5102P(N)(Released)



Key Features

- Compact design
- **SONY CCD**
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- **3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement**

Specification

Parameter	Model
	DS-2CC5102P(N)
	420 TVL CCD Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.28 Lux @ (F2.0, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.6 mm @ F2.0 (2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional)
	Angle of view: 78° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 90°, Rotation: 0 - 355°
Day & Night	Electronic
Horizontal Resolution	420 TVL
Synchronization	Internal synchronization

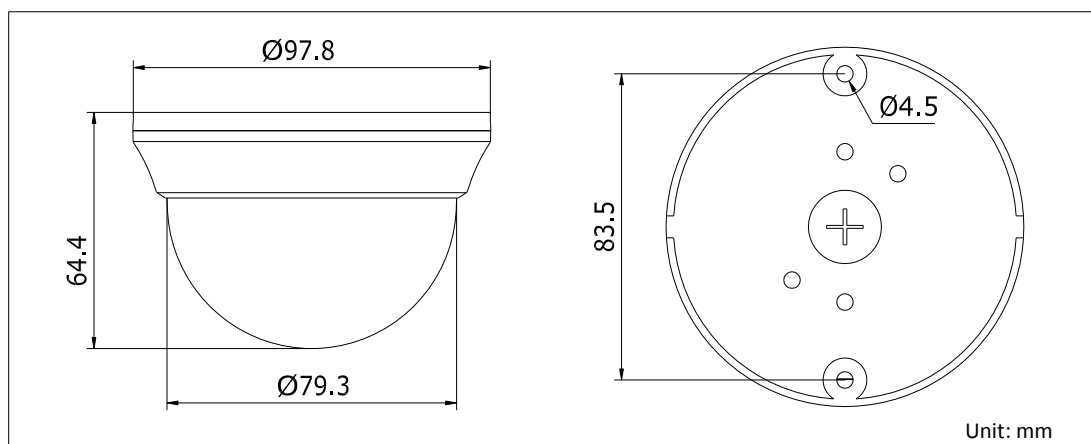
Video Output	1Vp-p composite output (75 Ω /BNC); Test monitor out [1Vp-p composite output (75 Ω /BNC), device line]
S/N Ratio	More than 50 dB
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 2 W
Dimensions	Φ 97.8 x 64.4 mm (ϕ 3.85" x 2.54")
Weight	300 g (0.66 lbs)

Order Models

DS-2CC5102P

DS-2CC5102N

Dimensions



480TVL Color Camera

DS-2CC1112P(N)(-A)(Released)



Key Features

- Compact design
- **SONY CCD**
- Flickerless mode
- **Digital Wide Dynamic Range**
- Day/Night with auto switch
- **Digital Noise Reduction (DNR)**
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

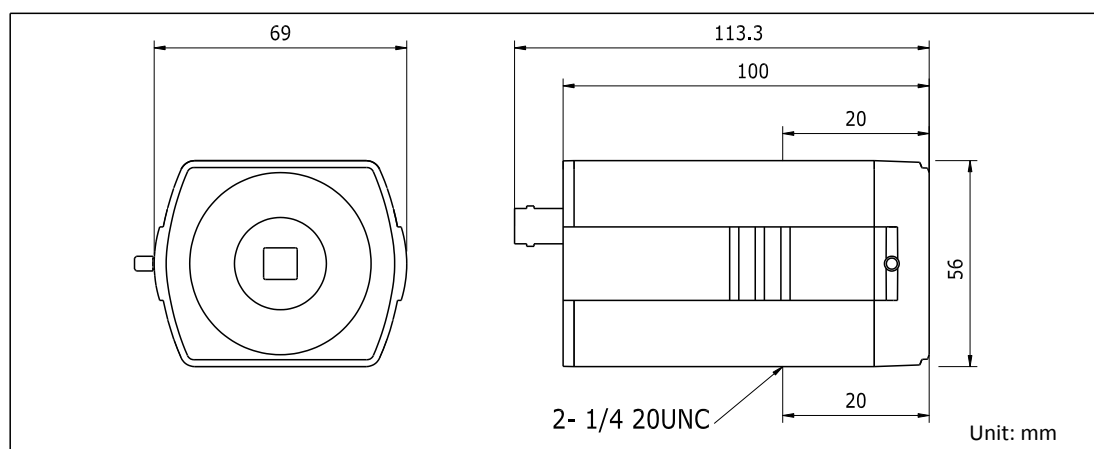
Model	DS-2CC1112P(N)(-A)
	480 TVL CCD Box Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	Electronic
Horizontal Resolution	480 TVL

Synchronization	Internal synchronization (-A series support Internal/Power synchronization)
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10% (-A series support 24 V AC $\pm$ 10%, 12 V DC $\pm$ 10%)
Power Consumption	Max. 2 W (-A series support Max. 3 W)
Dimensions	69 x 56 x 113.3 mm (2.72" $\times$ 2.20" $\times$ 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1112P DS-2CC1112N
 DS-2CC1112P-A DS-2CC1112N-A

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC511P(N)-A(Released)



Key Features

- Compact design
- SONY CCD
- Flickerless mode
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 3.5 - 9 mm auto iris lens
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

Parameter	Model
	DS-2CC511P(N)-A
480 TVL CCD Dome Camera	
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.5 - 9 mm @ F1.2 (2.8 - 11 mm optional)
	Angle of view: 80° - 30°(3.5 - 9 mm)
Lens Mount	Φ14
Auto Iris	DC Drive
Angle Adjustment	Pan: 0 - 355°; Tilt: 0 - 80°; Rotation: 0 - 140°;
Day & Night	Electronic
Horizontal Resolution	480 TVL

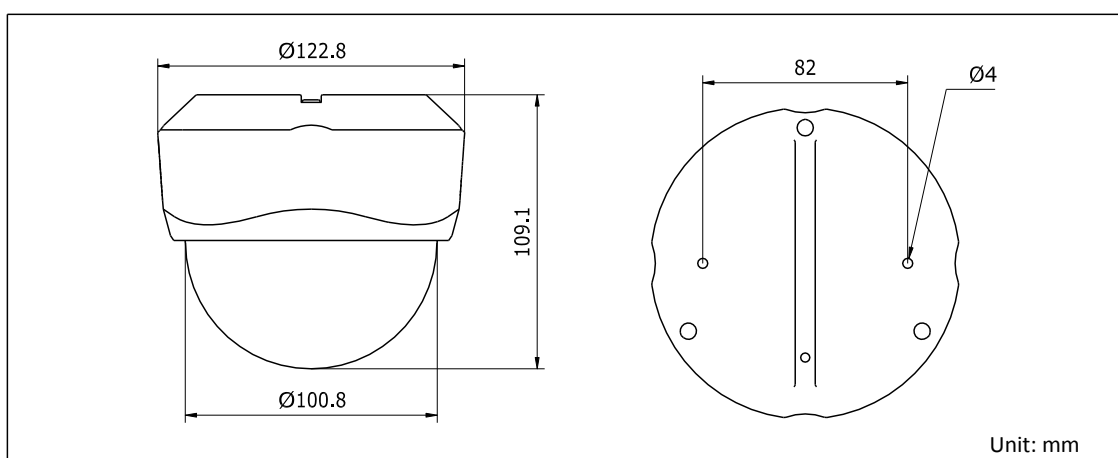
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC); Test monitor out [1Vp-p composite output (75 Ω /BNC), device line]
S/N Ratio	More than 48 dB
BLC	On/Off
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC $\pm$ 10%, 12 V DC $\pm$ 10%
Power Consumption	Max. 3.5 W
Dimensions	Φ 122.8 $\times$ 109.1 mm (ϕ 4.83" $\times$ 4.30")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC511P-A

DS-2CC511N-A

Dimensions



DS-2CC512P(N)-FB(Released)



Key Features

- Compact design
- SONY CCD
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Impact Protection: IEC 60068-2-75 test, Eh, 50J; EN 50102, up to IK10

Specification

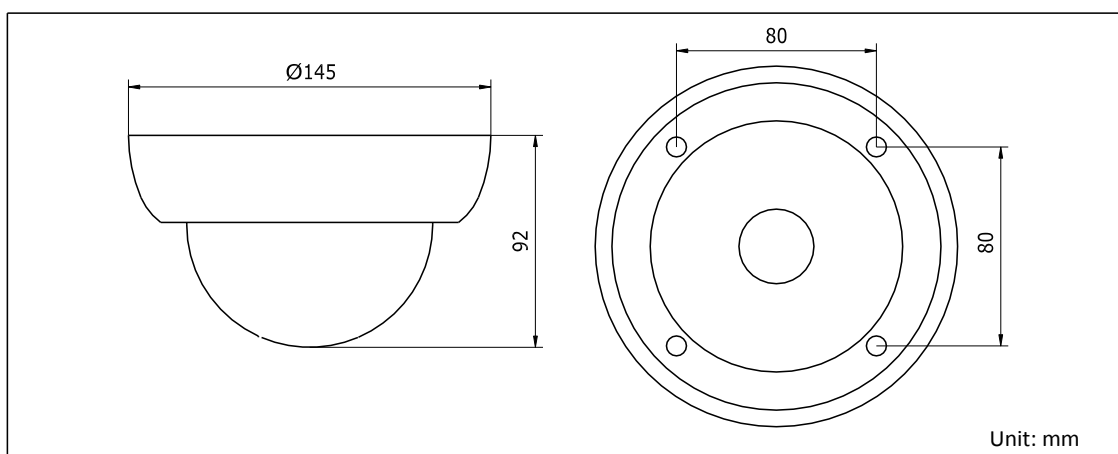
Model	DS-2CC512P(N)-FB
Parameter	480 TVL CCD Vandal-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.18 Lux @ (F1.6, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	4 - 9 mm @ F1.6
	Angle of view: 74.6° - 32°
Lens Mount	Φ14
Angle Adjustment	Pan: 0 - 355°; Tilt: 0 - 90°;
Day & Night	Electronic
Horizontal Resolution	480 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)

S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W
Impact Protection	IEC 60068-2-75 test, Eh, 50J; EN 50102, up to IK10.
Dimensions	Φ 145 × 92 mm (φ 5.71" × 3.62")
Weight	660 g (1.46 lbs)

Order Models

DS-2CC512P-FB DS-2CC512N-FB

Dimensions



DS-2CC5112P(N)(Released)



Key Features

- Compact design
- **SONY CCD**
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- **3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement**

Specification

Parameter	Model
	DS-2CC5112P(N)
	480 TVL CCD Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.28 Lux @ (F2.0, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.6 mm @ F2.0 (2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional)
	Angle of view: 78° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 90°, Rotation: 0 - 355°
Day & Night	Electronic
Horizontal Resolution	480 TVL
Synchronization	Internal synchronization

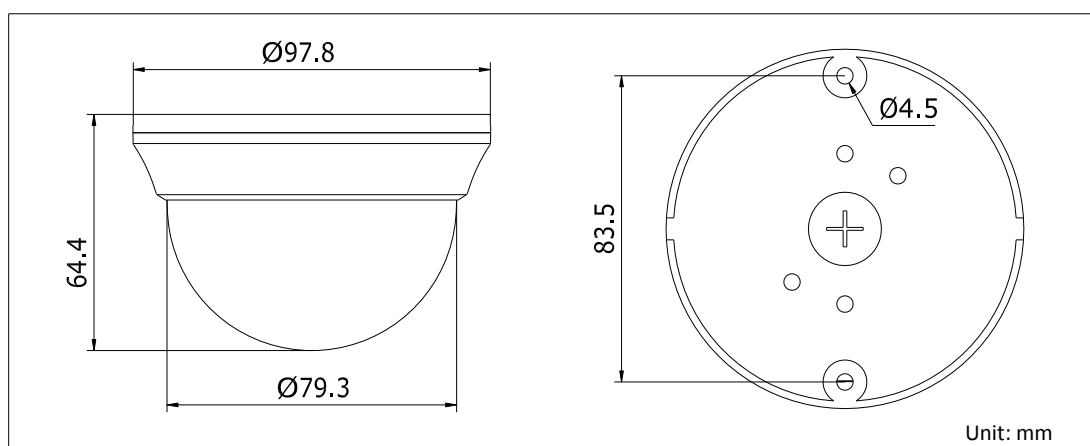
Video Output	1Vp-p composite output (75 Ω /BNC); Test monitor out [1Vp-p composite output (75 Ω /BNC), device line]
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 2W
Dimensions	Φ 97.8 x 64.4 mm (ϕ 3.85" x 2.54")
Weight	300 g (0.66 lbs)

Order Models

DS-2CC5112P

DS-2CC5112N

Dimensions



540TVL Color Camera

DS-2CC1172P(N)(-A)(Released)



Key Features

- Compact design
- **SONY CCD**
- Flickerless mode
- **Digital Wide Dynamic Range**
- Day/Night with auto switch
- **Digital Noise Reduction (DNR)**
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

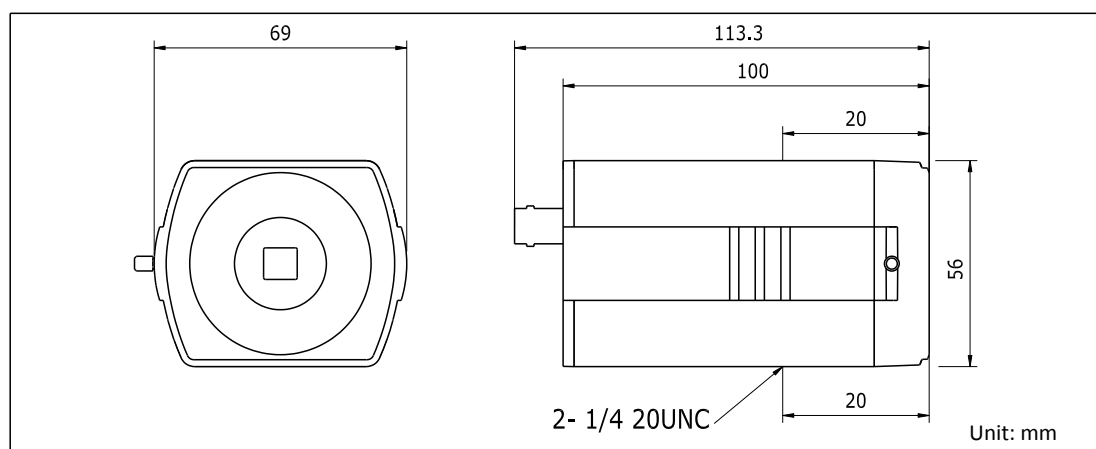
Parameter	Model	DS-2CC1172P(N)(-A)
		540 TVL CCD Box Camera
Camera		
Image Sensor		1/3" SONY CCD
Signal System		PAL/NTSC
Effective Pixels		PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination		0.1 Lux @ (F1.2, AGC ON)
Shutter speed		PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens Mount		C/CS mount
Auto Iris		DC/Video drive
Day & Night		Electronic
Horizontal Resolution		540 TVL

Synchronization	Internal synchronization (-A series support Internal/Power synchronization)
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10% (-A series support 24 V AC $\pm$ 10%, 12 V DC $\pm$ 10%)
Power Consumption	Max. 2 W (-A series support Max. 3 W)
Dimensions	69 x 56 x 113.3 mm (2.72" $\times$ 2.20" $\times$ 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1172P DS-2CC1172N
 DS-2CC1172P-A DS-2CC1172N-A

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC591P(N)-A(Released)



Key Features

- Compact design
- SONY CCD
- Flickerless mode
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 3.5 - 9 mm auto iris lens
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

Model	DS-2CC591P(N)-A
	540 TVL CCD Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.5 - 9 mm @ F1.2 (2.8 - 11 mm optional)
	Angle of view: 80° - 30°(3.5 - 9 mm)
Lens Mount	Φ14
Auto Iris	DC Drive
Angle Adjustment	Pan: 0 - 355°; Tilt: 0 - 80°; Rotation: 0 - 140°;
Day & Night	Electronic
Horizontal Resolution	540 TVL

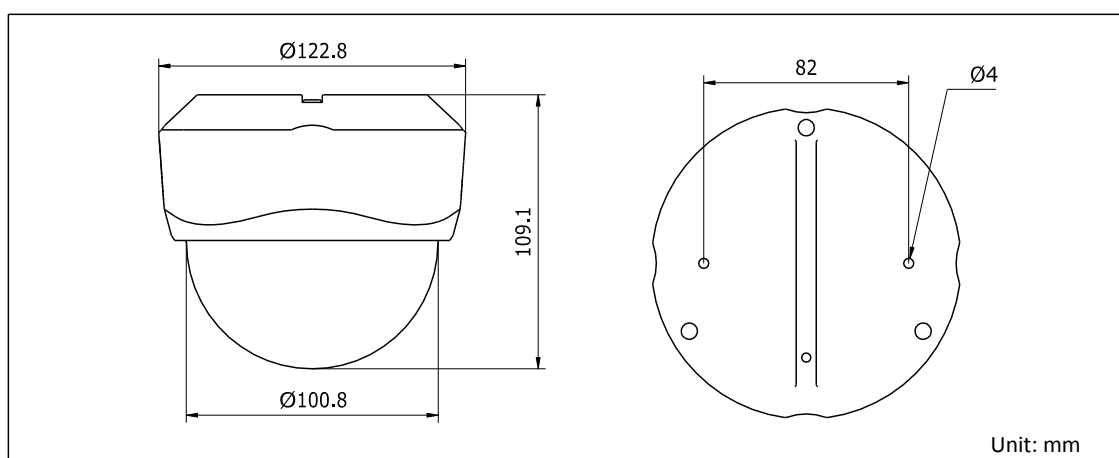
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 48 dB
BLC	On/Off
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 3.5 W
Dimensions	Φ 122.8 × 109.1 mm (Φ 4.83" × 4.30")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC591P-A

DS-2CC591N-A

Dimensions



DS-2CC592P(N)-FB(Released)



Key Features

- Compact design
- SONY CCD
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Impact Protection: IEC 60068-2-75 test, Eh, 50J; EN 50102, up to IK10

Specification

Model	DS-2CC592P(N)-FB
Parameter	540 TVL CCD Vandal-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.18 Lux @ (F1.6, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	4 - 9 mm @ F1.6
	Angle of view: 74.6° - 32°
Lens Mount	Φ14
Angle Adjustment	Pan: 0 - 355°; Tilt: 0 - 90°;
Day & Night	Electronic
Horizontal Resolution	540 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 48 dB

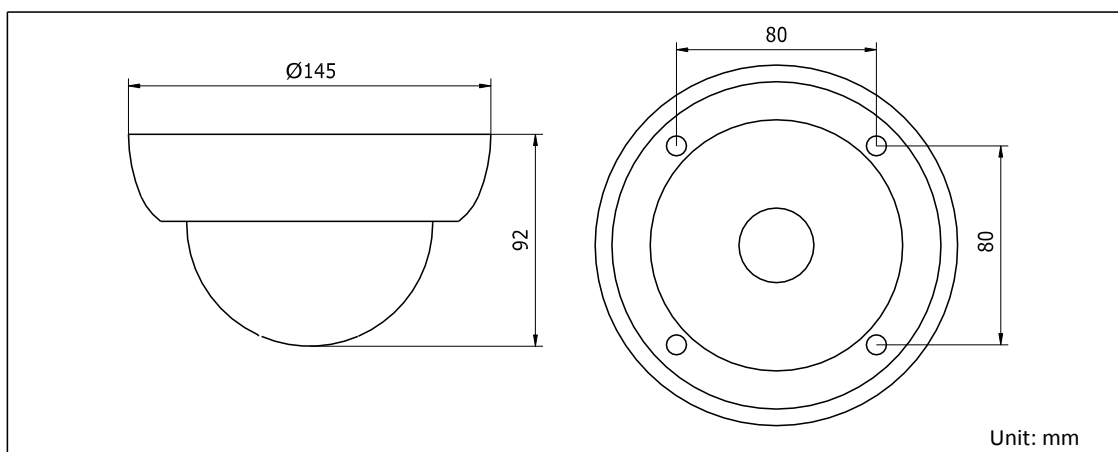
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W
Impact Protection	IEC 60068-2-75 test, Eh, 50J; EN 50102, up to IK10.
Dimensions	Φ 145 × 92 mm (φ 5.71" × 3.62")
Weight	660 g (1.46 lbs)

Order Models

DS-2CC592P-FB

DS-2CC592N-FB

Dimensions



DS-2CC5172P(N)(Released)



Key Features

- Compact design
- **SONY CCD**
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- **3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement**

Specification

Parameter \ Model	DS-2CC5172P(N)
	540 TVL CCD Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.28 Lux @ (F2.0, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.6 mm @ F2.0 (2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional)
	Angle of view: 78° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 90°, Rotation: 0 - 355°
Day & Night	Electronic
Horizontal Resolution	540 TVL
Synchronization	Internal synchronization

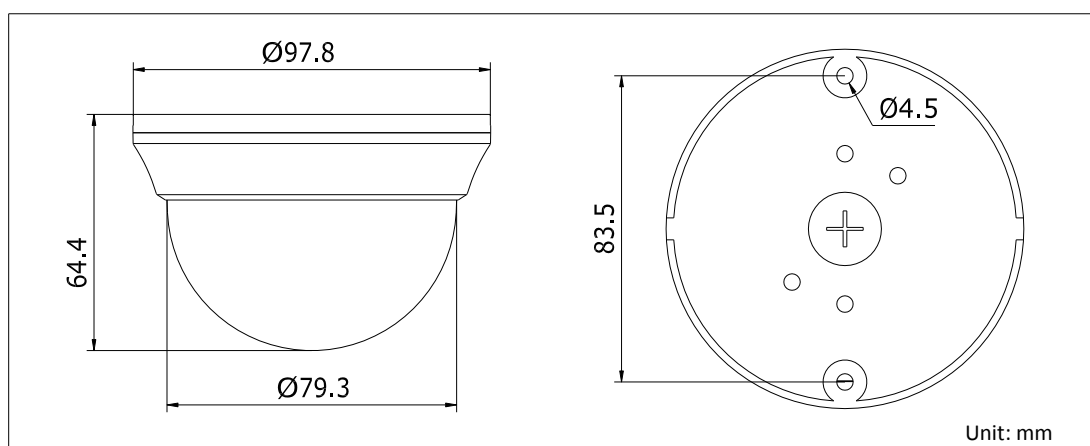
Video Output	1Vp-p composite output (75 Ω /BNC); Test monitor out [1Vp-p composite output (75 Ω /BNC), device line]
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 2W
Dimensions	Φ 97.8 x 64.4 mm (ϕ 3.85" x 2.54")
Weight	300 g (0.66 lbs)

Order Models

DS-2CC5172P

DS-2CC5172N

Dimensions



600TVL Color Camera

DS-2CC1182P(N)(-A)(Released)



Key Features

- Compact design
- SONY CCD
- Flickerless mode
- Digital Wide Dynamic Range
- Day/Night with auto switch
- Digital Noise Reduction (DNR)
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

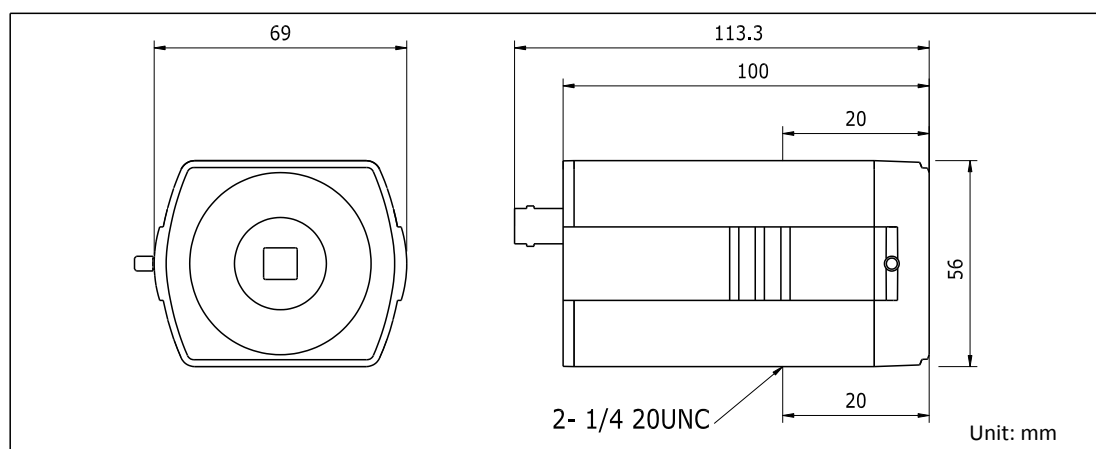
Parameter	Model
	DS-2CC1182P(N)(-A) 600 TVL CCD Box Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	Electronic
Horizontal Resolution	600 TVL

Synchronization	Internal synchronization (-A series support Internal/Power synchronization)
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% (-A series support 24 V AC ± 10%, 12 V DC ± 10%)
Power Consumption	Max. 2 W (-A series support Max. 3 W)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1182P DS-2CC1182N
DS-2CC1182P-A DS-2CC1182N-A

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1181P(N)(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Digital Wide Dynamic Range
- Day/Night with auto switch
- Min. illumination: 0.001 Lux @ F1.2
- OSD menu
- Eclipse
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Convenient back focus adjustment

Specification

Parameter	Model	DS-2CC1181P(N)
		600 TVL CCD Box Camera
Camera		
Image Sensor		1/3" SONY CCD
Signal System		PAL/NTSC
Effective Pixels		PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination		0.001 Lux @ (F1.2, AGC ON)
Shutter speed		PAL: 1/50 s to 1/10,000 s NTSC: 1/60 s to 1/10,000 s
Lens Mount		C/CS mount
Auto Iris		DC drive
Day & Night		Electronic
Horizontal Resolution		600TVL

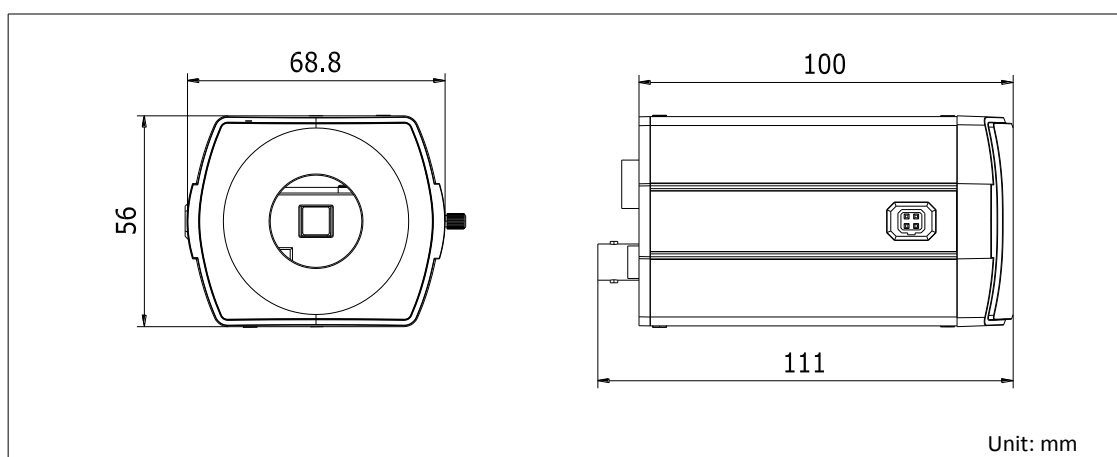
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W
Dimensions	68.8 x 56 x 111 mm (2.71" × 2.20" × 4.37")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1181P

DS-2CC1181N

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1181P(N)-A(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Digital Wide Dynamic Range
- IR cut filter with auto switch
- Min. illumination: Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON)
- OSD menu
- Smart IR mode
- Eclipse
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal/Power synchronization
- Convenient back focus adjustment

Specification

Model	DS-2CC1181P(N)-A
	600 TVL CCD Box Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON) B/W: 0.0001 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/50 s to 1/10,000 s NTSC: 1/60 s to 1/10,000 s
Lens Mount	C/CS mount
Auto Iris	DC drive

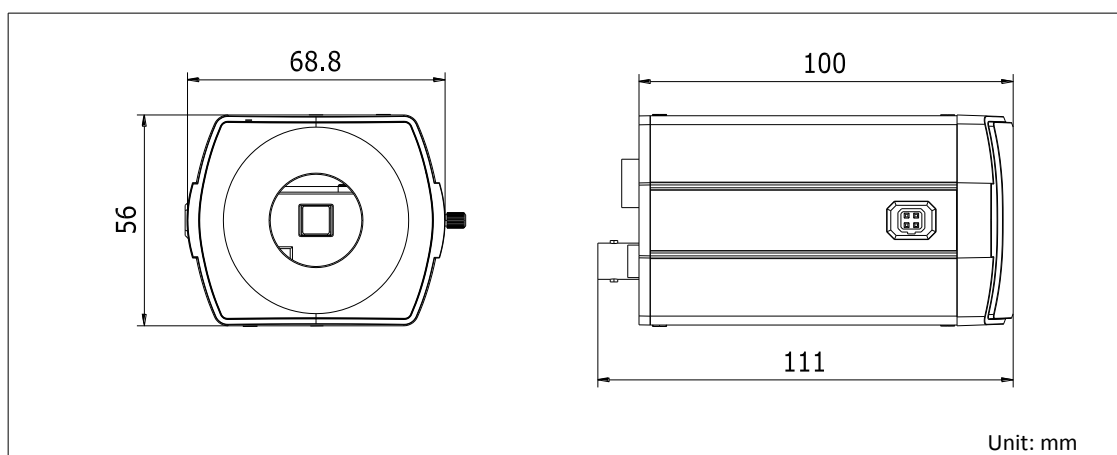
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night/ EXT1/ EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	SMART IR,ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 2 W (Max. 4 W with IR cut filter on)
Dimensions	68.8 x 56 x 111 mm (2.71" × 2.20" × 4.37")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1181P-A

DS-2CC1181N-A

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1183P(N)-A(-C)(Released)



Key Features

- Compact design
- **SONY Super HAD CCD II**
- Flickerless mode
- **3D-Digital Noise Reduction (3D-DNR)**
- **Digital Wide Dynamic Range**
- **Smart IR mode**
- **Eclipse**
- **Electronic image stabilization (EIS)**
- **IR cut filter with auto switch**
- **OSD menu**
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

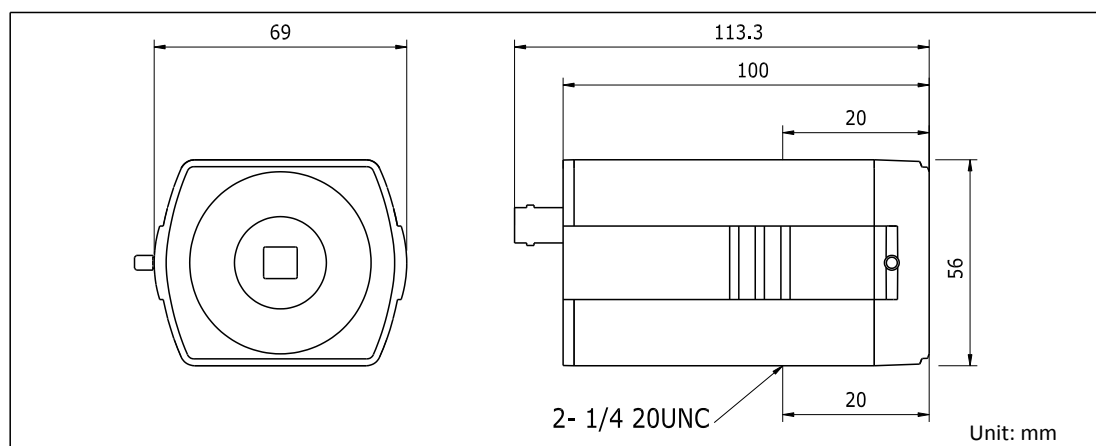
Model	DS-2CC1183P(N)-A(-C)
	600 TVL CCD ICR Box Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens Mount	C/CS mount

Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1183P-A DS-2CC1183N-A
DS-2CC1183P-C DS-2CC1183N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1185P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY EXView HAD CCD
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

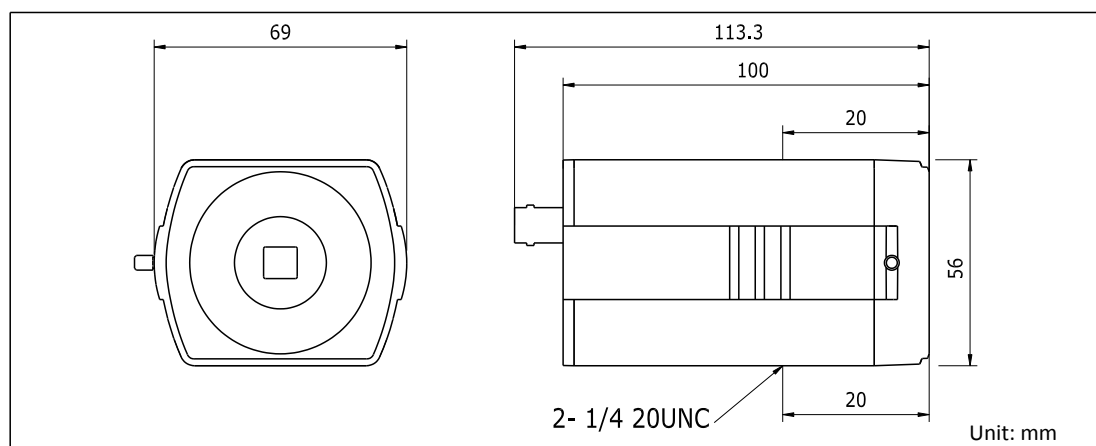
Model	DS-2CC1185P(N)-A(-C)
	600 TVL CCD Low Illumination ICR Box Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1185P-A DS-2CC1185N-A
DS-2CC1185P-C DS-2CC1185N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1187P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY vertical double density interline CCD
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

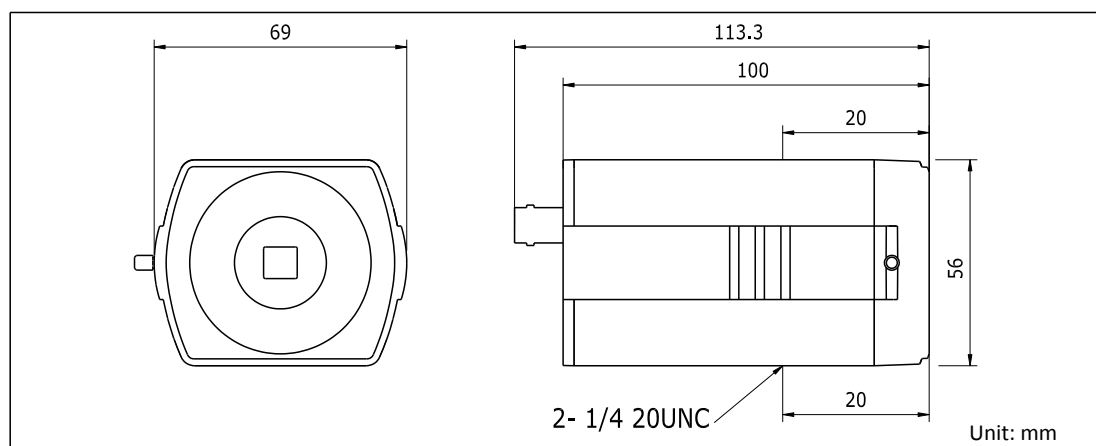
Model	DS-2CC1187P(N)-A(-C)
	600 TVL CCD WDR ICR Box Camera
Camera	
Image Sensor	1/3" SONY vertical double density interline CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Wide Dynamic Range	75 dB
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
WDR	Value/ Contrast /WD exposure compensation/ Return
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1187P-A DS-2CC1187N-A
 DS-2CC1187P-C DS-2CC1187N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1188P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- High Light Compensation (HLC)
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

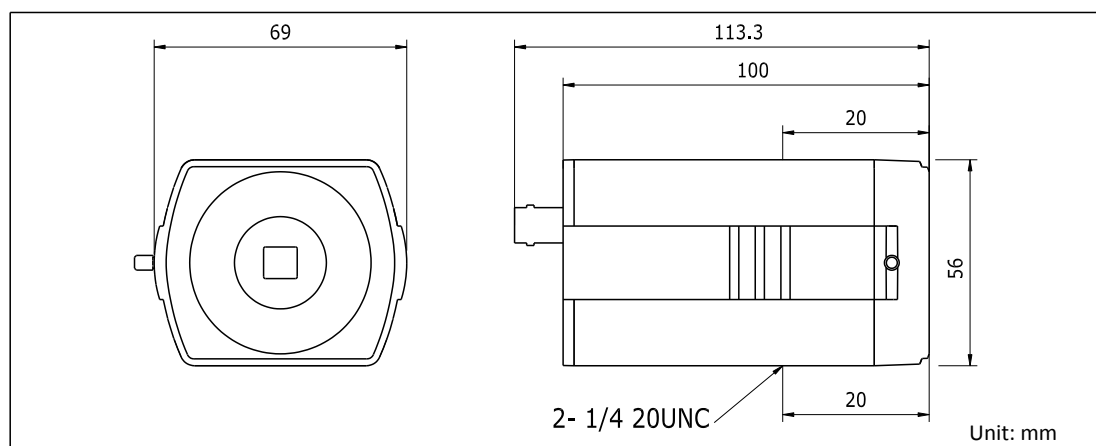
Model	DS-2CC1188P(N)-A(-C)
	600 TVL CCD HLC ICR Box Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
HLC	Compensation Intensity/Off
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Backlight , Outdoor Backlight
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1188P-A DS-2CC1188N-A
 DS-2CC1188P-C DS-2CC1188N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC5182P(N)(Released)



Key Features

- Compact design
- SONY CCD
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

Parameter	Model
	DS-2CC5182P(N)
	600 TVL CCD Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON) 0.0028 Lux @ (F2.0, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.6 mm @ F2.0 (2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional)
	Angle of view: 78° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 90°, Rotation: 0 - 355°
Day & Night	Electronic
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization

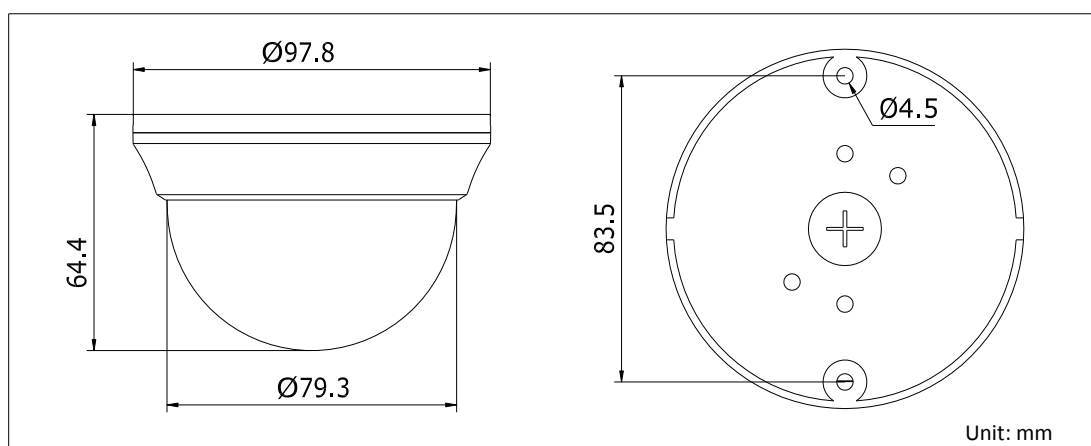
Video Output	1Vp-p composite output (75 Ω /BNC); Test monitor out [1Vp-p composite output (75 Ω /BNC), device line]
S/N Ratio	More than 62 dB
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 2W
Dimensions	Φ 97.8 x 64.4 mm (ϕ 3.85" x 2.54")
Weight	300 g (0.66 lbs)

Order Models

DS-2CC5182P

DS-2CC5182N

Dimensions



DS-2CC5181P(N)-VF(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

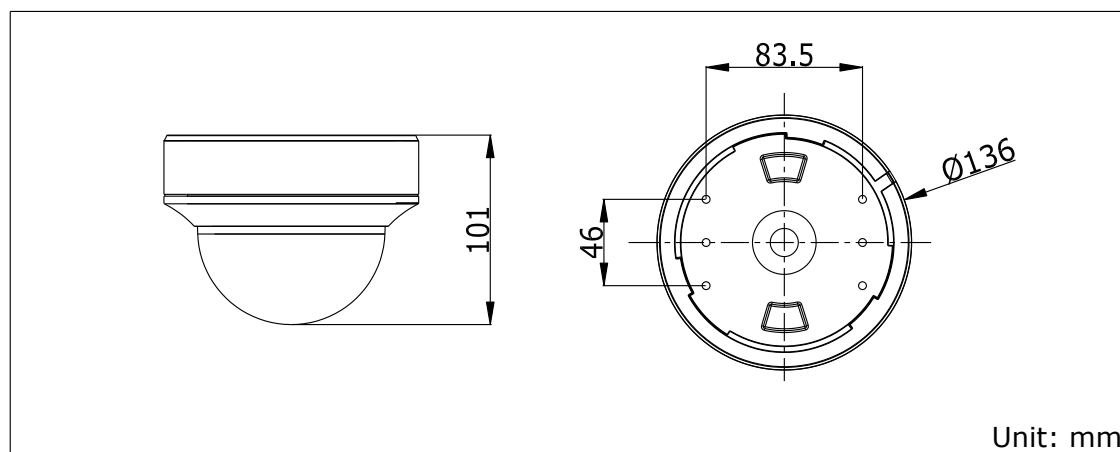
Model	DS-2CC5181P(N)-VF
	600 TVL CCD ICR Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON) B/W: 0.0001 Lux @ (F1.2, AGC ON) Color: 0.0014 Lux @ (F1.4, AGC ON) B/W: 0.00014 Lux @ (F1.4, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4

	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day/Night
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5181P-VF

DS-2CC5181N-VF

Dimensions

DS-2CC5183P(N)-VF(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- IR cut filter with auto switch
- OSD menu
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

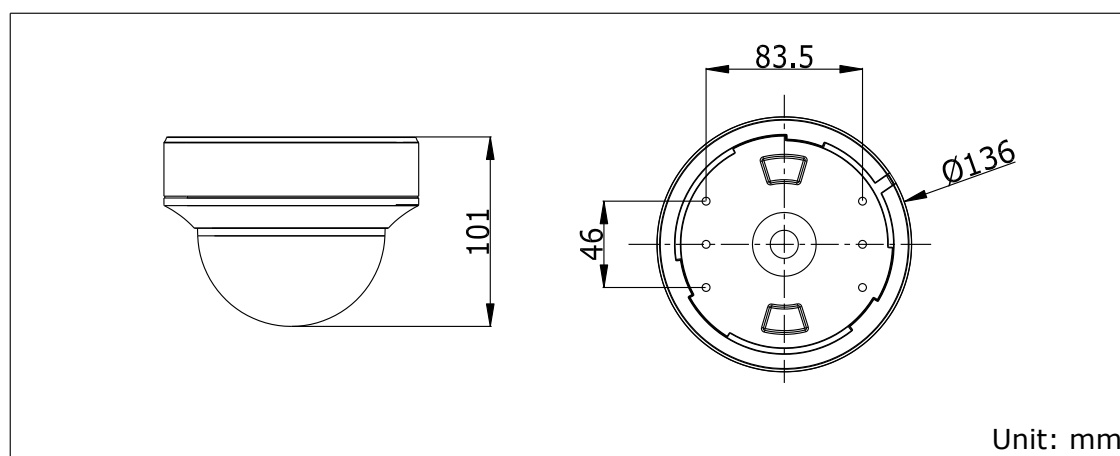
Model	DS-2CC5183P(N)-VF
	600 TVL CCD ICR Dome Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512) Color: 0.014 Lux @ (F1.4, AGC ON),

	0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512) B/W: 0.0014 Lux @ (F1.4, AGC ON), 0.000014 Lux @ (F1.4, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto /Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5183P-VF

DS-2CC5183N-VF

Dimensions

DS-2CC5185P(N)-VF(Released)



Key Features

- Compact design
- SONY EXView HAD CCD
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

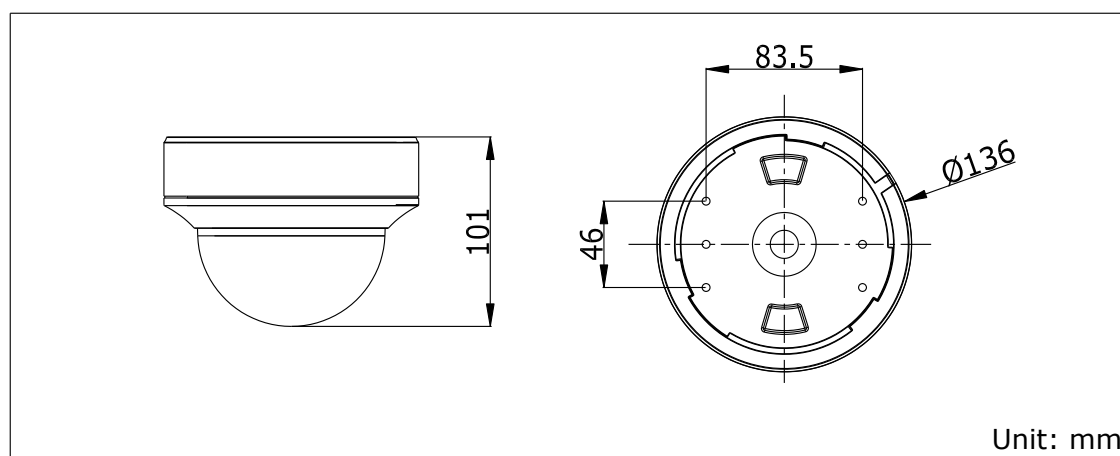
Model	DS-2CC5185P(N)-VF
Parameter	600 TVL CCD Low Illumination ICR Dome Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)

	Color: 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512) B/W: 0.00014 Lux @ (F1.4, AGC ON), 0.000014 Lux @ (F1.4, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto /Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5185P-VF

DS-2CC5185N-VF

Dimensions

DS-2CC5187P(N)-VF(Released)



Key Features

- Compact design
- SONY vertical double density interline CCD
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

Parameter	Model
	DS-2CC5187P(N)-VF
	600 TVL CCD WDR ICR Dome Camera
Camera	
Image Sensor	1/3" SONY vertical double density interline CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)

Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512) Color: 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512) B/W: 0.00014 Lux @ (F1.4, AGC ON), 0.000014 Lux @ (F1.4, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4 Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Wide Dynamic Range	75 dB
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto /Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
WDR	Value/ Contrast /WD exposure compensation/ Return
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W

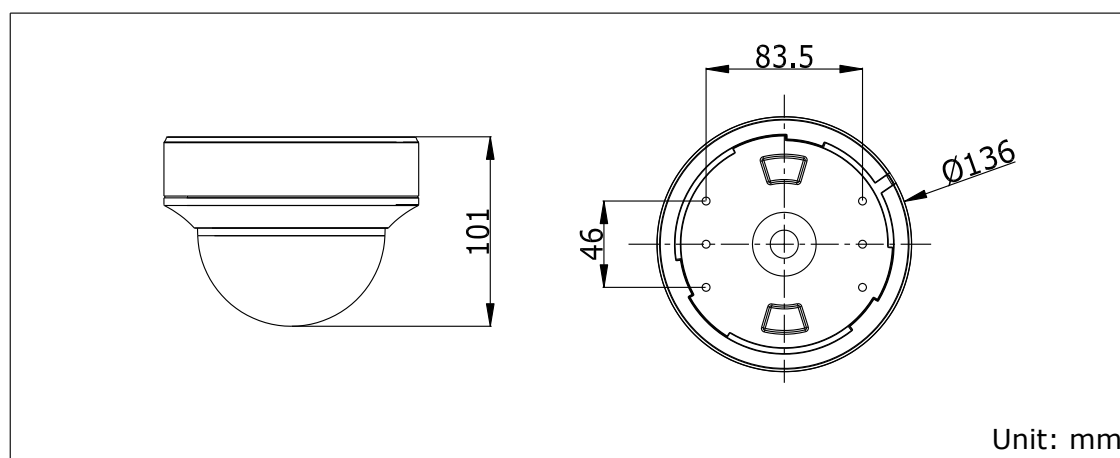
	(Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5187P-VF

DS-2CC5187N-VF

Dimensions



DS-2CC5281P(N)-VP(Under R&D)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON)
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

Parameter	Model	DS-2CC5281P(N)-VP
		600 TVL CCD Dome Camera (Vari-focal & Weather-proof & Vandal-proof)
Camera		
Image Sensor		1/3" SONY CCD
Signal System		PAL/NTSC
Effective Pixels		PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination		0.001Lux @ (F1.2,AGC ON) 0.0014Lux @ (F1.4,AGC ON)
Shutter Speed		PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens		2.8 - 12 mm @ F1.4
		Angle of view: 80° - 27.2°

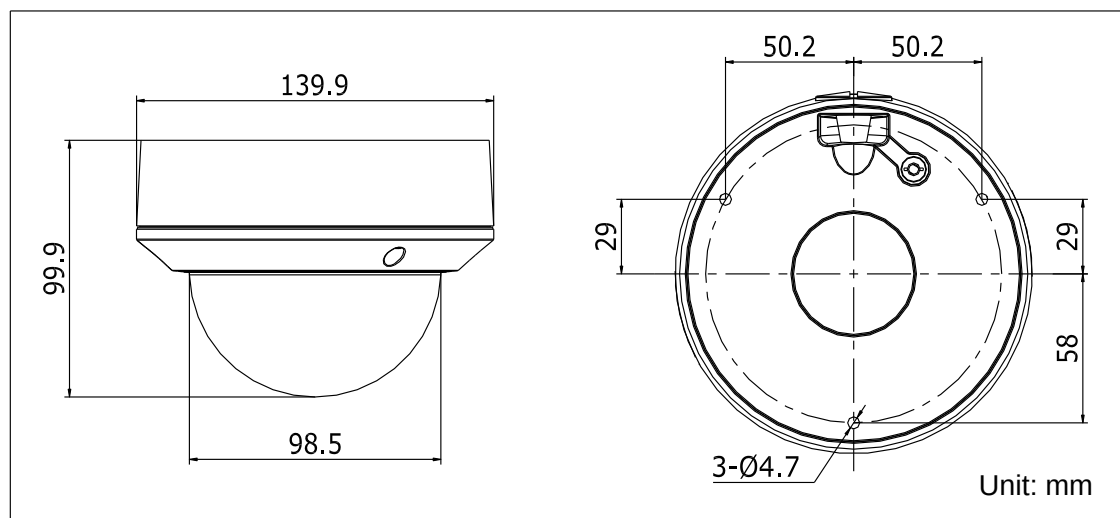
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°
Day & Night	Electronic
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	English/Chinese/ Korean/ Italian/ Russian/ Portuguese/ German/ French
Function	ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W
Ingress Protection level	IP66
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimension	Φ 139.9 × 99.9 mm (Φ 5.51" × 3. 93")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5281P-VP

DS-2CC5281N-VP

Dimension



DS-2CC5283P-VP(Under R&D)



Key Features

- Compact design
- new generation CCD with high sensitivity
- 3Digital Noise Reduction (3DNR)
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON)
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

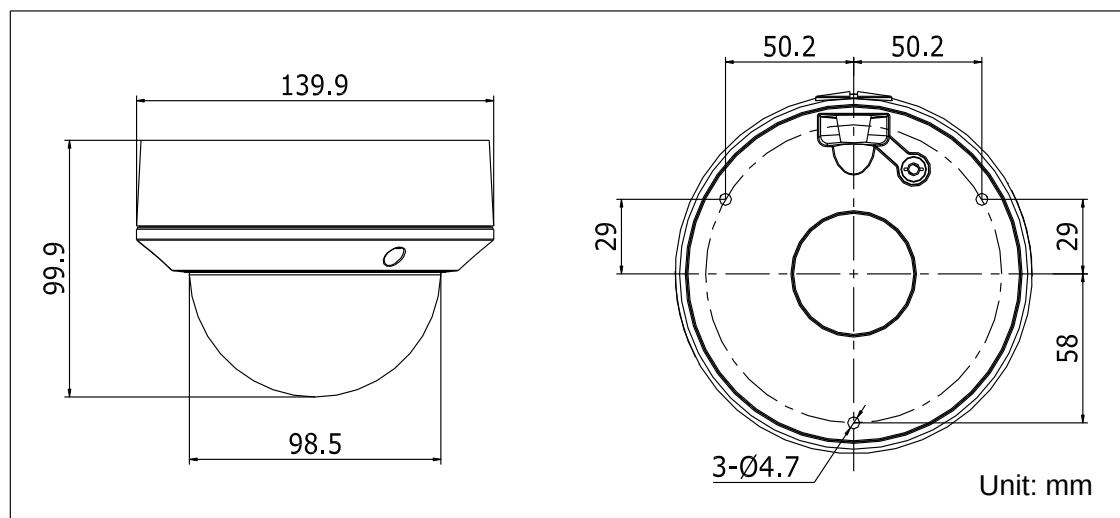
Parameter	Model	DS-2CC5283P-VP
		600 TVL CCD Dome Camera (Vari-focal & Weather-proof & Vandal-proof)
Camera		
Image Sensor		1/3" CCD
Signal System		PAL
Effective Pixels		752 (H) × 582 (V)
Min. Illumination		0.001Lux @ (F1.2,AGC ON) 0.0014Lux @ (F1.4,AGC ON)
Shutter Speed		1/50 s to 1/100,000 s
Lens		2.8 - 12 mm @ F1.4
		Angle of view: 80° - 27.2°
Lens Mount		φ14

Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°
Day & Night	Electronic
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, adjusted position)
D/N Mode	Auto /Color/B&W/EX-CDS
Auto Gain	Low/Mid/High/Off
White Balance	ATW/ MANUAL/ AWC-PUSH/ AWC
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off, maximum 4 zones
BLC	BLC/HLI/D-WDR/OFF
3D-DNR	Low/Mid/High/Auto/Off
Language	English/ Chinese Si/ Chinese Tr/ Korean/ Japanese / Italian/ Russian/ Portuguese/ Spanish/ German/ French
Function	Sense-up, Mirror, Sharpness, GAMMA, LSC
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W
Ingress Protection level	IP66
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimension	Φ 139.9 × 99.9 mm (Φ 5.51" × 3.93")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5283P-VP

Dimension



650TVL Color Camera

DS-2CC1167P-A(Sample)



Key Features

- High resolution, Color 650TVL, B/W 700TVL
- Progressive scan CMOS, capture motion video without sawtooth
- 3D Digital Noise Reduction (3D-DNR)
- OSD menu
- 120DB Wide Dynamic Range, suitable for strong backlight environment
- Auto iris with DC drive
- IR cut filter with auto switch
- The main video interface supports the PIP(picture in picture) function. There are up to 1 live video with 3 small sub-windows overlaid on the lower part of it. The size and location of the sub-windows are adjustable.
- Supports video dual-outputs. The main video interface can output one single picture of the 4 pictures besides being able to output 4 pictures simultaneously with PIP function. The auxiliary interface can output and zoom one of the 3 sub-pictures.

Specification

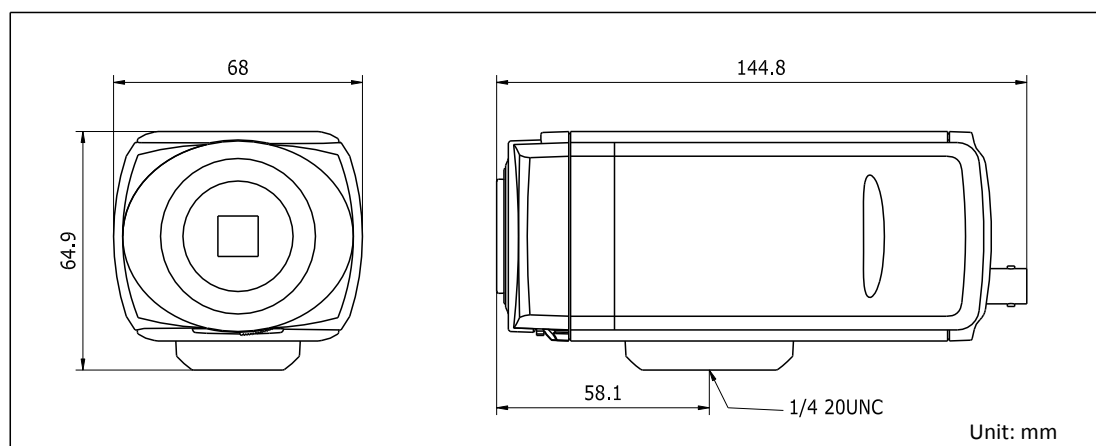
Parameter \ Model	DS-2CC1167P-A
	720P WDR PIP Dual-output ICR Box Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Signal System	PAL
Effective Pixels	1280 (H) × 960 (V)
Min. Illumination	Color: 0.1 Lux @ (F1.2, AGC ON) B/W: 0.01 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/25 s to 1/30,000 s NTSC: 1/30 s to 1/30,000 s
Lens Mount	C/CS mount
Auto Iris	DC drive

Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Wide Dynamic Range	120 dB
Video Output	2-ch 1 Vp-p composite outputs (75 Ω/BNC)
Control Interface	1 RS-485 interface, 2 DIP switches
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2
Private Mask	On/Off, up to 4 zones
Motion Detection	On/Off
WDR	Value/Return
PIP	Mode1/Mode2/Mode3
RS-485	Address/Protocol(PELCO-P,PELCO-D)/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	Digital Noise Reduction, Sharpness, Brightness, Saturation, Hue, Mirror
Scene	Indoor Standard , Indoor Backlight , Outdoor, Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 9 W (Max. 12 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

Order Models

DS-2CC1167P-A

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1192P(N)(-A)(Released)



Key Features

- Compact design
- SONY CCD
- Flickerless mode
- Digital Wide Dynamic Range
- Day/Night with auto switch
- Digital Noise Reduction (DNR)
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

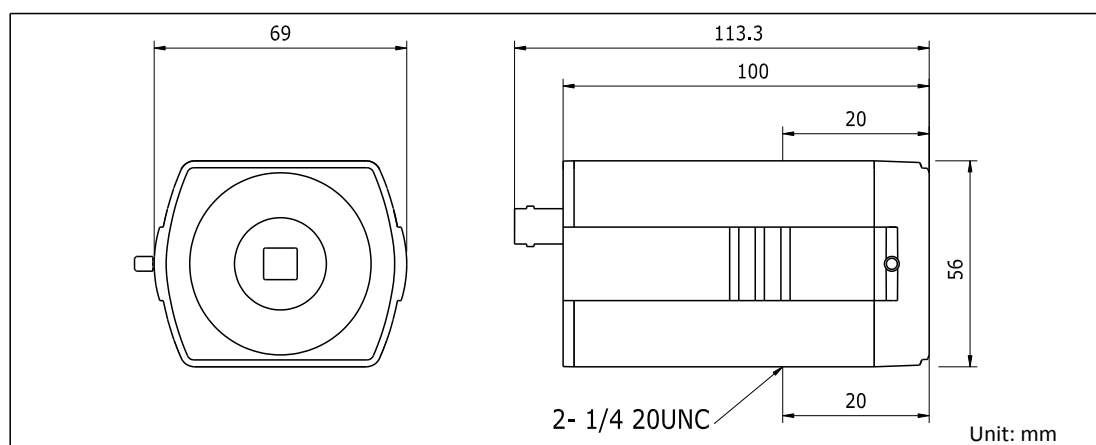
Parameter	Model
	DS-2CC1192P(N)(-A)
650 TVL CCD Box Camera	
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	Electronic
Horizontal Resolution	650 TVL
Synchronization	Internal synchronization (-A series support Internal/Power synchronization)
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB

General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10% (-A series support 24 V AC $\pm$ 10%, 12 V DC $\pm$ 10%)
Power Consumption	Max. 2 W (-A series support Max. 3 W)
Dimensions	69 x 56 x 113.3 mm (2.72" $\times$ 2.20" $\times$ 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1192P DS-2CC1192N
 DS-2CC1192P-A DS-2CC1192N-A

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1191P(N)(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Digital Wide Dynamic Range
- Day/Night with auto switch
- Min. illumination: 0.001 Lux @ F1.2
- OSD menu
- Eclipse
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Convenient back focus adjustment

Specification

Parameter	Model	DS-2CC1191P(N)
		650 TVL CCD Box Camera
Camera		
Image Sensor		1/3" SONY CCD
Signal System		PAL/NTSC
Effective Pixels		PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination		0.001 Lux @ (F1.2, AGC ON)
Shutter speed		PAL: 1/50 s to 1/10,000 s NTSC: 1/60 s to 1/10,000 s
Lens Mount		C/CS mount
Auto Iris		DC drive
Day & Night		Electronic
Horizontal Resolution		650TVL

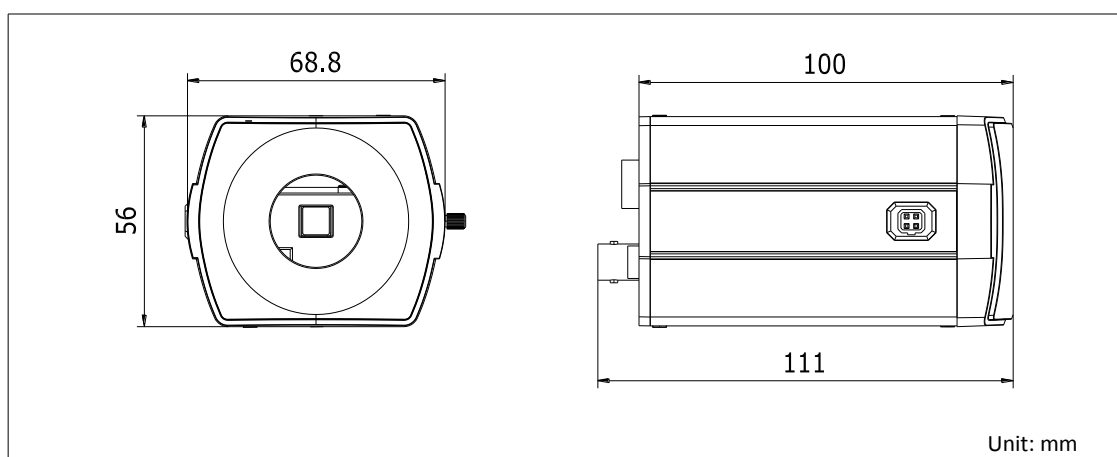
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W
Dimensions	68.8 x 56 x 111 mm (2.71" × 2.20" × 4.37")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1191P

DS-2CC1191N

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1191P(N)-A(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Digital Wide Dynamic Range
- IR cut filter with auto switch
- Min. illumination: Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON)
- OSD menu
- Smart IR mode
- Eclipse
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal/Power synchronization
- Convenient back focus adjustment

Specification

Model	DS-2CC1191P(N)-A
	650 TVL CCD Box Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON) B/W: 0.0001 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/50 s to 1/10,000 s NTSC: 1/60 s to 1/10,000 s
Lens Mount	C/CS mount
Auto Iris	DC drive

Day & Night	IR cut filter with auto switch
Horizontal Resolution	650TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night/ EXT1/ EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	SMART IR,ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 2 W (Max. 4 W with IR cut filter on)
Dimensions	68.8 x 56 x 111 mm (2.71" × 2.20" × 4.37")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1191P-A

DS-2CC1191N-A

DS-2CC1193P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

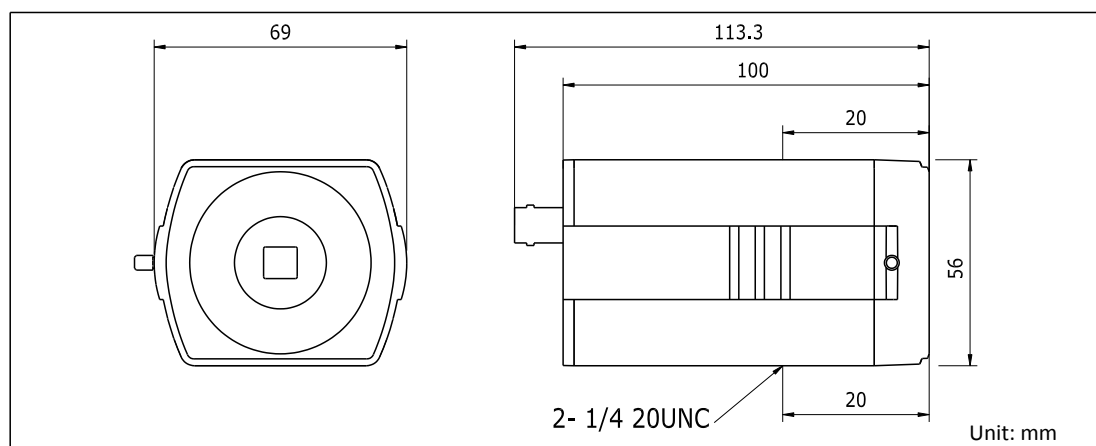
Model	DS-2CC1193P(N)-A(-C)
	650 TVL CCD ICR Box Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1193P-A DS-2CC1193N-A
DS-2CC1193P-C DS-2CC1193N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1195P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

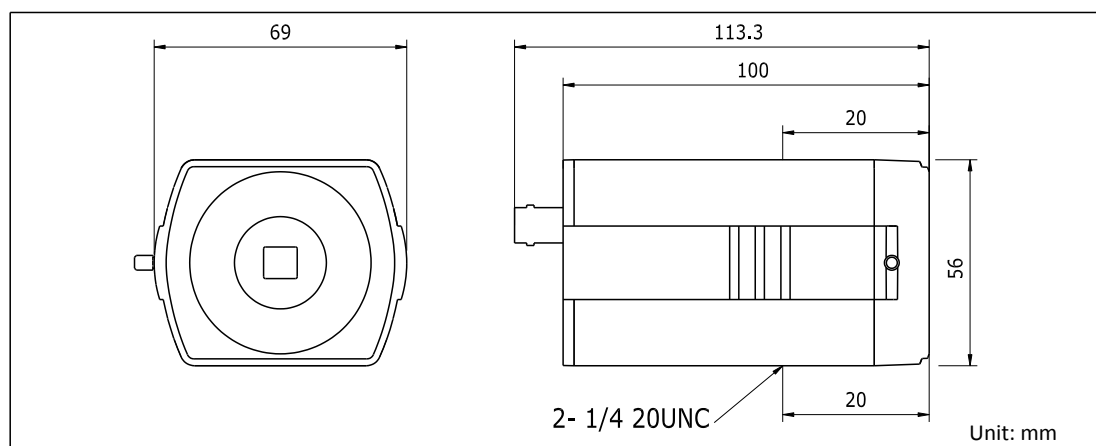
Parameter	Model
	DS-2CC1195P(N)-A(-C)
650 TVL CCD Low Illumination ICR Box Camera	
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s

	NTSC: 1/60 s to 1/100,000 s
Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1195P-A DS-2CC1195N-A
 DS-2CC1195P-C DS-2CC1195N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1197P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

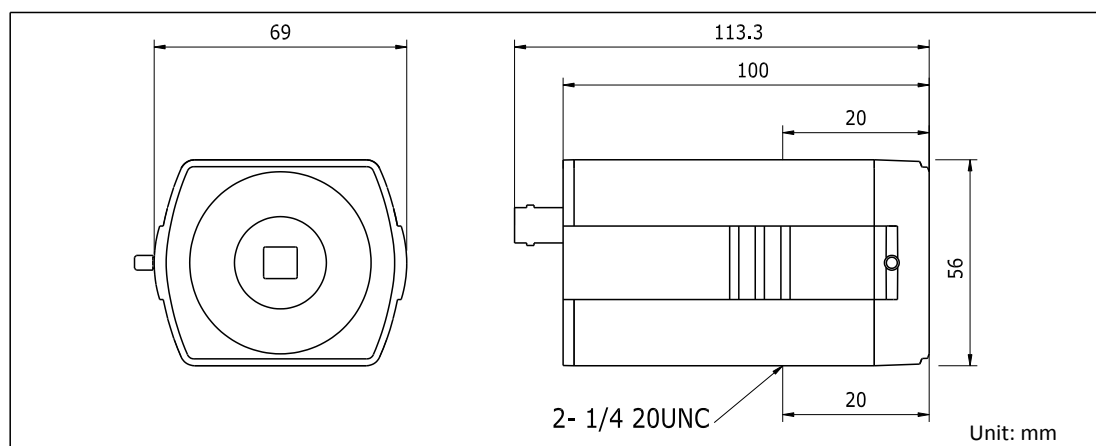
Parameter	Model
	DS-2CC1197P(N)-A(-C)
	650 TVL CCD WDR ICR Box Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Wide Dynamic Range	75 dB
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
WDR	Value/ Contrast / WD exposure compensation/ Return
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1197P-A DS-2CC1197N-A
DS-2CC1197P-C DS-2CC1197N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC1198P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- High Light Compensation (HLC)
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

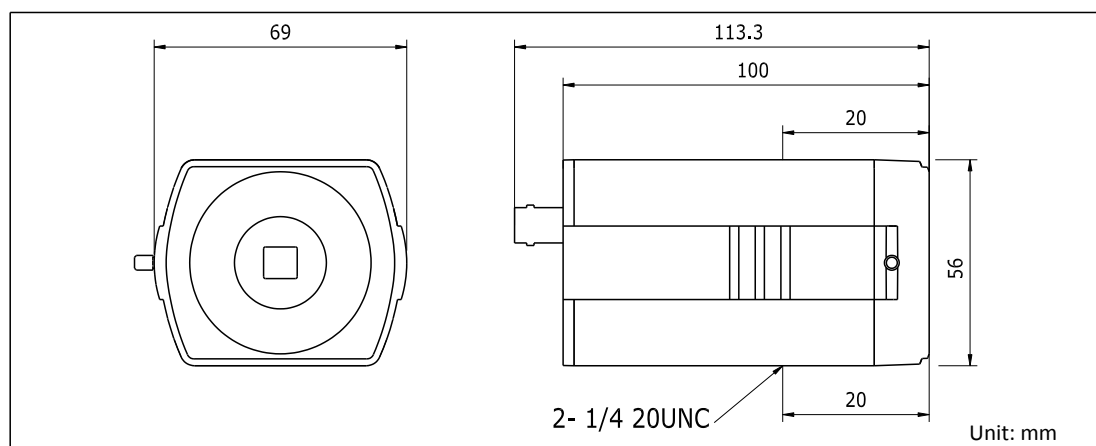
Model	DS-2CC1198P(N)-A(-C)
	650 TVL CCD HLC ICR Box Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
HLC	Compensation Intensity/Off
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Backlight , Outdoor Backlight
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC1198P-A DS-2CC1198N-A
DS-2CC1198P-C DS-2CC1198N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC5192P(N)(Released)



Key Features

- Compact design
- SONY CCD
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

Parameter	Model
	DS-2CC5192P(N)
	650 TVL CCD Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON) 0.0028 Lux @ (F2.0, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.6 mm @ F2.0 (2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional)
	Angle of view: 78° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 90°, Rotation: 0 - 355°
Day & Night	Electronic
Horizontal Resolution	650 TVL
Synchronization	Internal synchronization

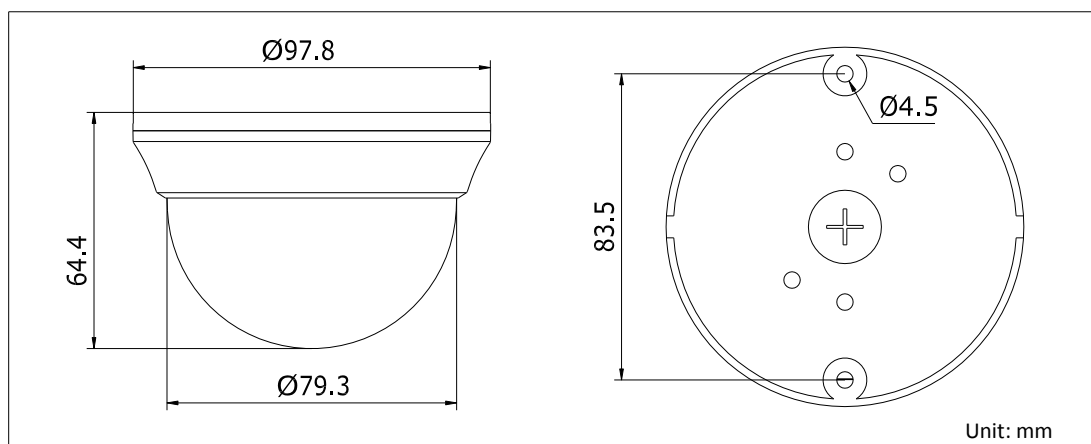
Video Output	1Vp-p composite output (75 Ω /BNC); Test monitor out [1Vp-p composite output (75 Ω /BNC), device line]
S/N Ratio	More than 62 dB
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 2 W
Dimensions	Φ 97.8 x 64.4 mm (ϕ 3.85" x 2.54")
Weight	300 g (0.66 lbs)

Order Models

DS-2CC5192P

DS-2CC5192N

Dimensions



DS-2CC5191P(N)-VF(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

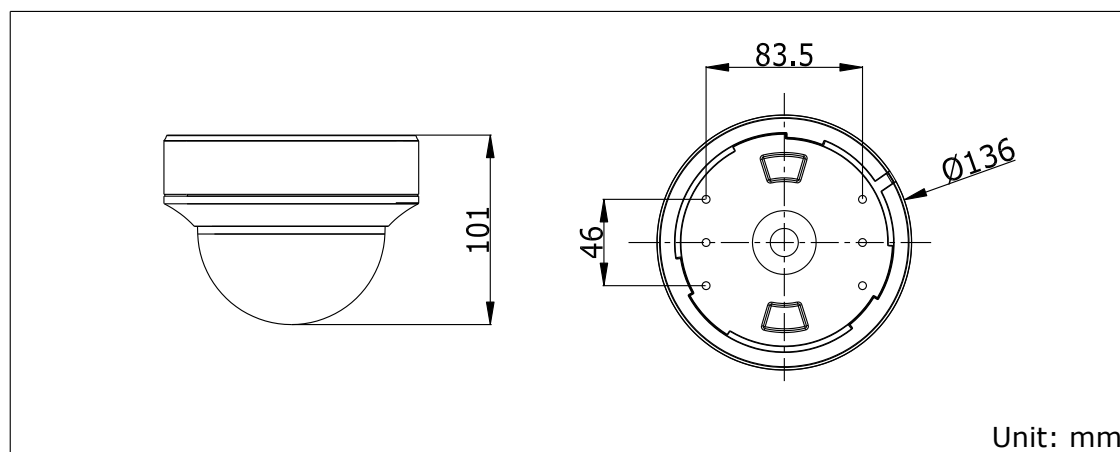
Model	DS-2CC5191P(N)-VF
	650 TVL CCD ICR Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON) B/W: 0.0001 Lux @ (F1.2, AGC ON) Color: 0.0014 Lux @ (F1.4, AGC ON) B/W: 0.00014 Lux @ (F1.4, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4

	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day/Night
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5191P-VF

DS-2CC5191N-VF

Dimensions

DS-2CC5193P(N)-VF(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

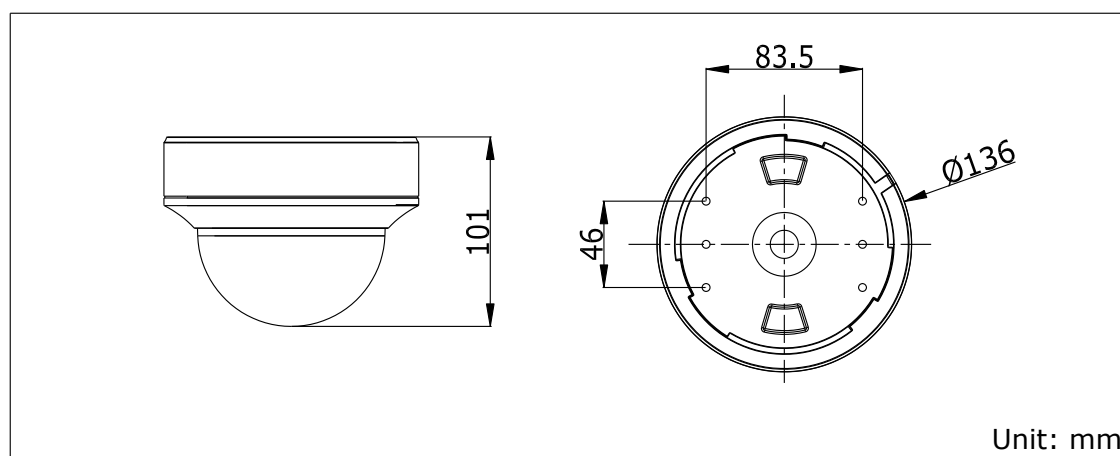
Model	DS-2CC5193P(N)-VF
Parameter	650 TVL CCD ICR Dome Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)

	Color: 0.014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512) B/W: 0.0014 Lux @ (F1.4, AGC ON), 0.000014 Lux @ (F1.4, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5193P-VF

DS-2CC5193N-VF

Dimensions

DS-2CC5195P(N)-VF(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

Parameter	Model
	DS-2CC5195P(N)-VF 650 TVL CCD Low Illumination ICR Dome Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)

Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512) Color: 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512) B/W: 0.00014 Lux @ (F1.4, AGC ON), 0.000014 Lux @ (F1.4, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4 Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")

Weight

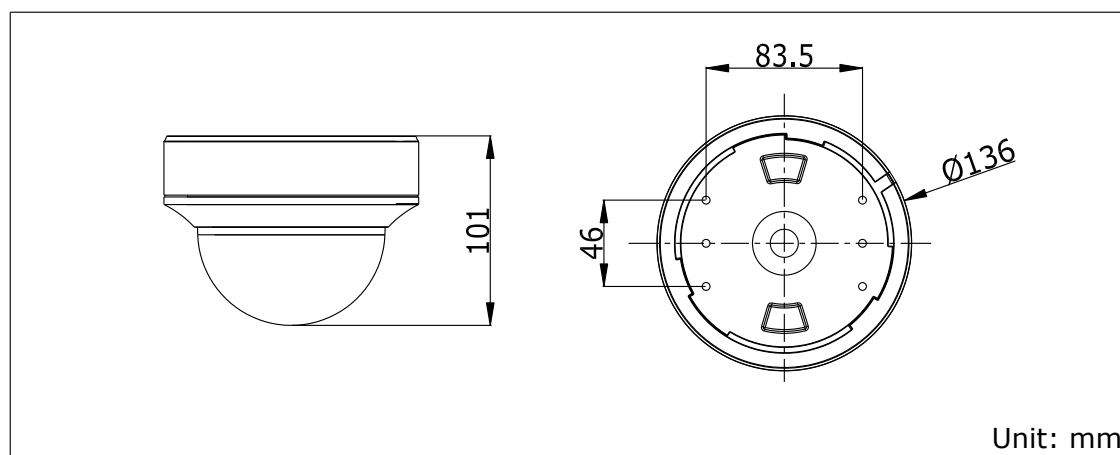
800 g (1.76 lbs)

Order Models

DS-2CC5195P-VF

DS-2CC5195N-VF

Dimensions



DS-2CC5197P(N)-VF(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

Parameter \ Model	DS-2CC5197P(N)-VF
	650 TVL CCD WDR ICR Dome Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)

Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512) Color: 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512) B/W: 0.00014 Lux @ (F1.4, AGC ON), 0.000014 Lux @ (F1.4, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4 Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Wide Dynamic Range	75 dB
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto /Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
WDR	Value/ Contrast /WD exposure compensation/ Return
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W

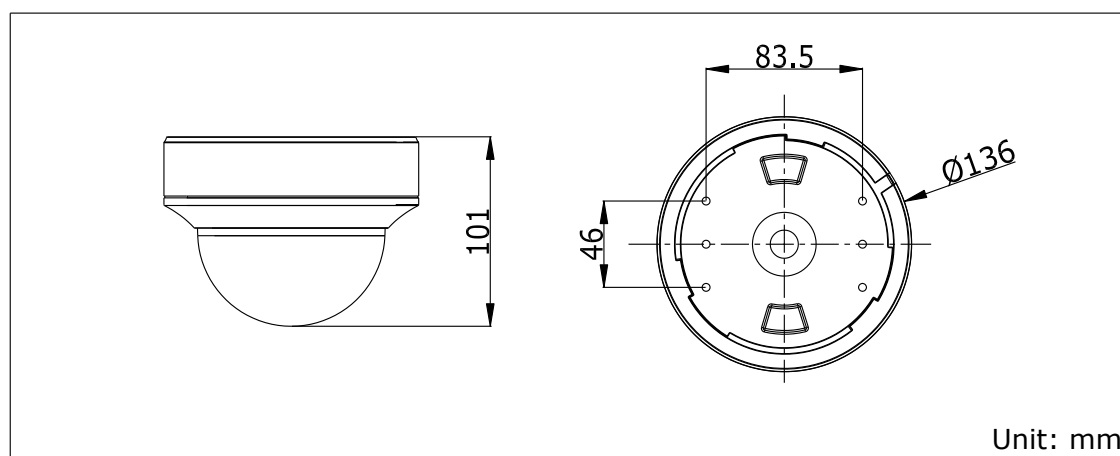
	(Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5197P-VF

DS-2CC5197N-VF

Dimensions



700TVL Color Camera

DS-2CC11A2P(N)(Released)



Key Features

- Compact design
- SONY CCD
- Flickerless mode
- Digital Wide Dynamic Range
- Day/Night with auto switch
- Digital Noise Reduction (DNR)
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Convenient back focus adjustment

Specification

Model	DS-2CC11A2P(N)
	700 TVL CCD Box Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	Electronic
Horizontal Resolution	700 TVL

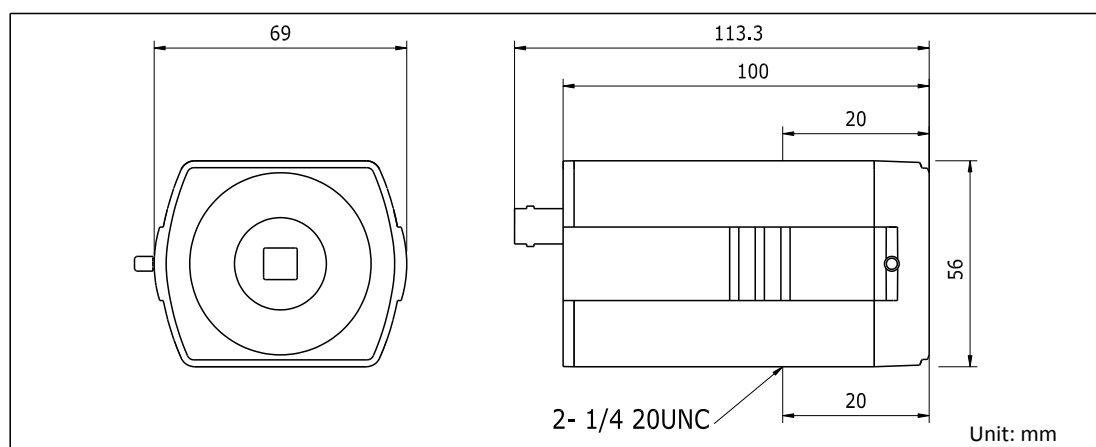
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC11A2P

DS-2CC11A2N

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC11A1P(N)(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Digital Wide Dynamic Range
- Day/Night with auto switch
- Min. illumination: 0.001 Lux @ F1.2
- OSD menu
- Eclipse
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Convenient back focus adjustment

Specification

Parameter	Model	DS-2CC11A1P(N)
		700 TVL CCD Box Camera
Camera		
Image Sensor		1/3" SONY CCD
Signal System		PAL/NTSC
Effective Pixels		PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination		0.001 Lux @ (F1.2, AGC ON)
Shutter speed		PAL: 1/50 s to 1/10,000 s NTSC: 1/60 s to 1/10,000 s
Lens Mount		C/CS mount
Auto Iris		DC drive
Day & Night		Electronic
Horizontal Resolution		700TVL

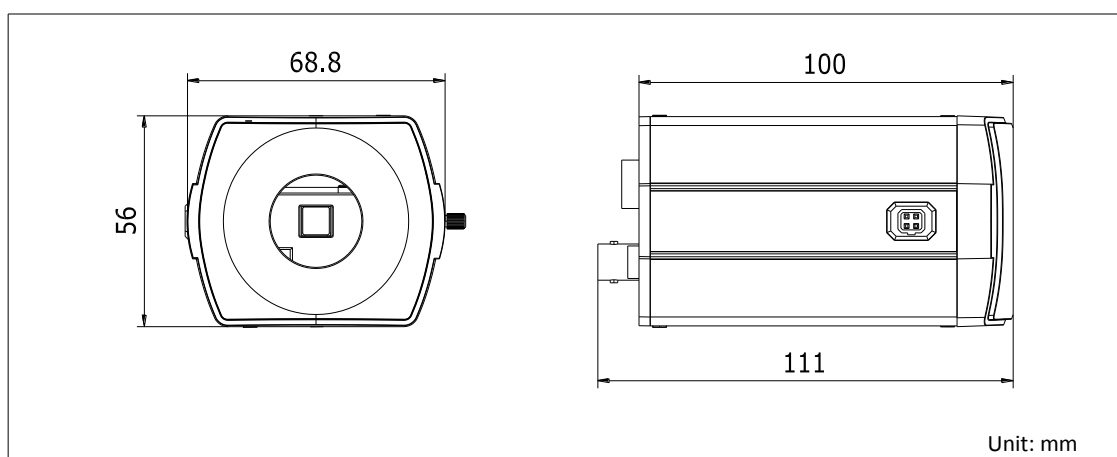
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W
Dimensions	68.8 x 56 x 111 mm (2.71" × 2.20" × 4.37")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC11A1P

DS-2CC11A1N

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC11A1P(N)-A(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Digital Wide Dynamic Range
- IR cut filter with auto switch
- Min. illumination: Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON)
- OSD menu
- Smart IR mode
- Eclipse
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal/Power synchronization
- Convenient back focus adjustment

Specification

Model	DS-2CC11A1P(N)-A
	700 TVL CCD Box Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON) B/W: 0.0001 Lux @ (F1.2, AGC ON)
Shutter speed	PAL: 1/50 s to 1/10,000 s NTSC: 1/60 s to 1/10,000 s
Lens Mount	C/CS mount
Auto Iris	DC drive

Day & Night	IR cut filter with auto switch
Horizontal Resolution	700TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night/ EXT1/ EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	SMART IR,ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 2 W (Max. 4 W with IR cut filter on)
Dimensions	68.8 x 56 x 111 mm (2.71" × 2.20" × 4.37")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC11A1P-A

DS-2CC11A1N-A

DS-2CC11A3P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

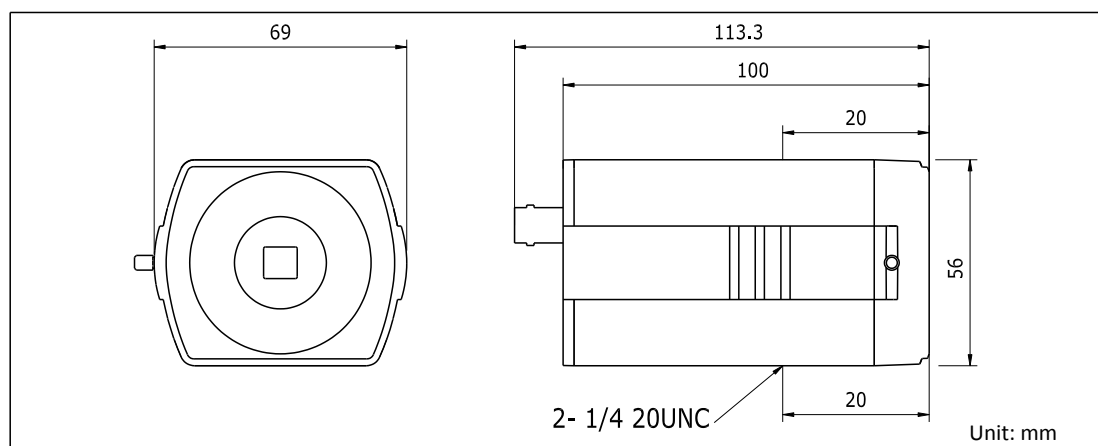
Model	DS-2CC11A3P(N)-A(-C)
	700 TVL CCD ICR Box Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination, IR Standard, Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC11A3P-A DS-2CC11A3N-A
 DS-2CC11A3P-C DS-2CC11A3N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC11A5P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

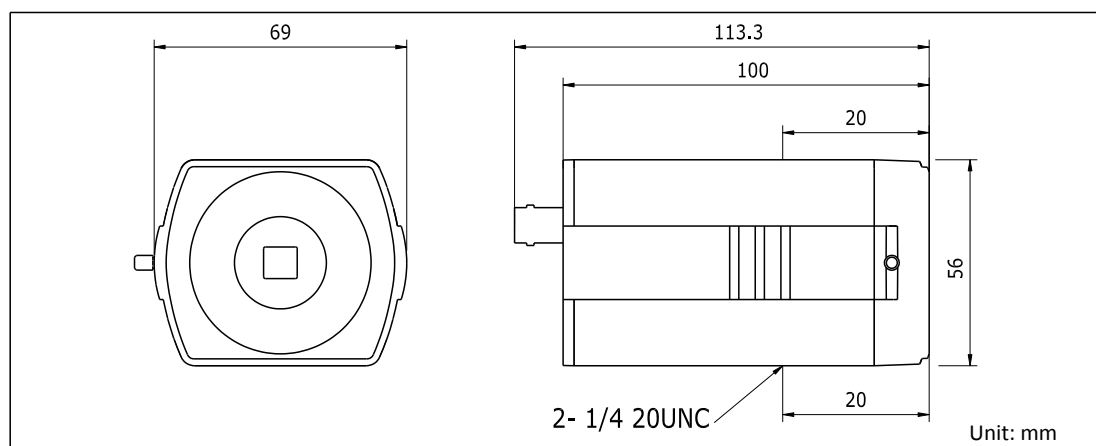
Model	DS-2CC11A5P(N)-A(-C)
	700 TVL CCD Low Illumination ICR Box Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s

	NTSC: 1/60 s to 1/100,000 s
Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination, IR Standard, Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC11A5P-A DS-2CC11A5N-A
 DS-2CC11A5P-C DS-2CC11A5N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC11A7P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

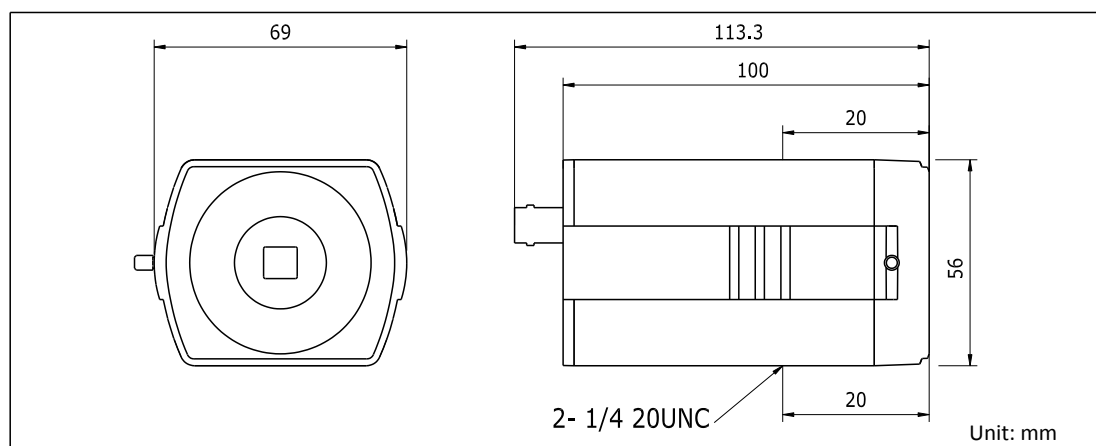
Model	DS-2CC11A7P(N)-A(-C)
	700 TVL CCD WDR ICR Box Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Wide Dynamic Range	75 dB
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
WDR	Value/ Contrast / WD exposure compensation/ Return
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination, Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC11A7P-A DS-2CC11A7N-A
DS-2CC11A7P-C DS-2CC11A7N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC11A8P(N)-A(-C)(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- High Light Compensation (HLC)
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC/video drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal or Power Synchronization
- Convenient back focus adjustment

Specification

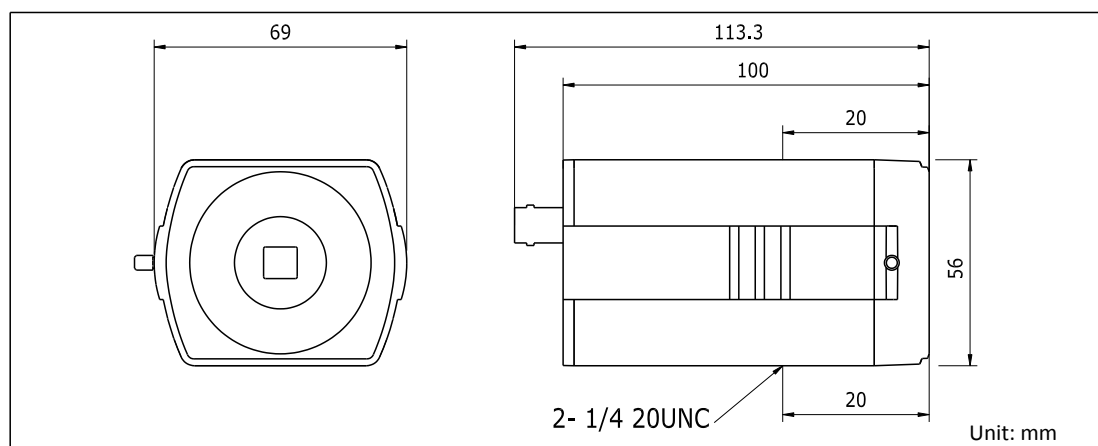
Model	DS-2CC11A8P(N)-A(-C)
	700 TVL CCD HLC ICR Box Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

Lens Mount	C/CS mount
Auto Iris	DC/Video drive
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto1/Auto2/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	Mode 1/Mode 2/Off
BLC	Area/Value/Off
HLC	Compensation Intensity/Off
RS-485	Address/Protocol/Baud Rate
Anti-Flicker	On/Off
Language	English/Chinese
Function	Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Backlight , Outdoor Backlight
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10% (-C series support 100 - 240 V AC)
Power Consumption	Max. 5 W (Max. 10 W with IR cut filter on)
Dimensions	69 x 56 x 113.3 mm (2.72" × 2.20" × 4.46")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC11A8P-A DS-2CC11A8N-A
 DS-2CC11A8P-C DS-2CC11A8N-C

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CC51A2P(N)(Released)



Key Features

- Compact design
- SONY CCD
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

Parameter	Model
	DS-2CC51A2P(N)
	700 TVL CCD Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON) 0.0028 Lux @ (F2.0, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.6 mm @ F2.0 (2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional)
	Angle of view: 78° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 90°, Rotation: 0 - 355°
Day & Night	Electronic
Horizontal Resolution	700 TVL
Synchronization	Internal synchronization

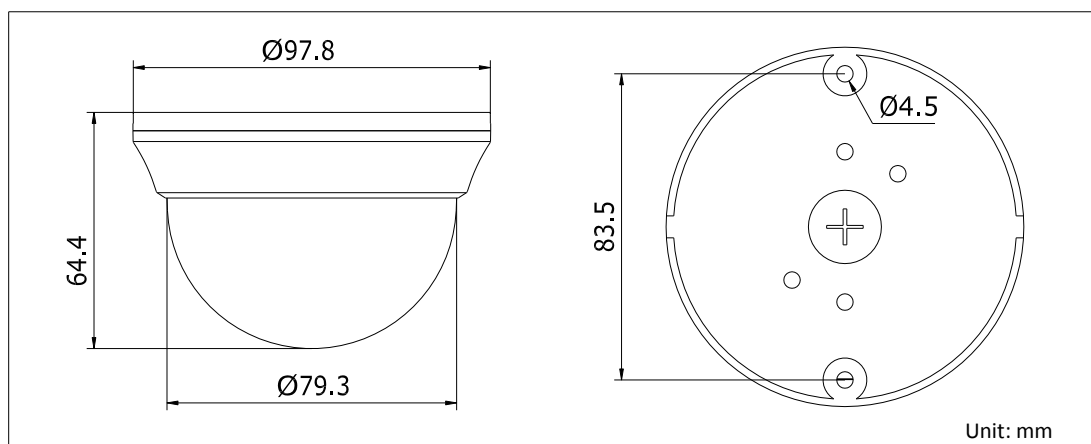
Video Output	1Vp-p composite output (75 Ω /BNC); Test monitor out [1Vp-p composite output (75 Ω /BNC), device line]
S/N Ratio	More than 62 dB
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 2 W
Dimensions	Φ 97.8 x 64.4 mm (ϕ 3.85" x 2.54")
Weight	300 g (0.66 lbs)

Order Models

DS-2CC51A2P

DS-2CC51A2N

Dimensions



DS-2CC51A1P(N)-VF(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

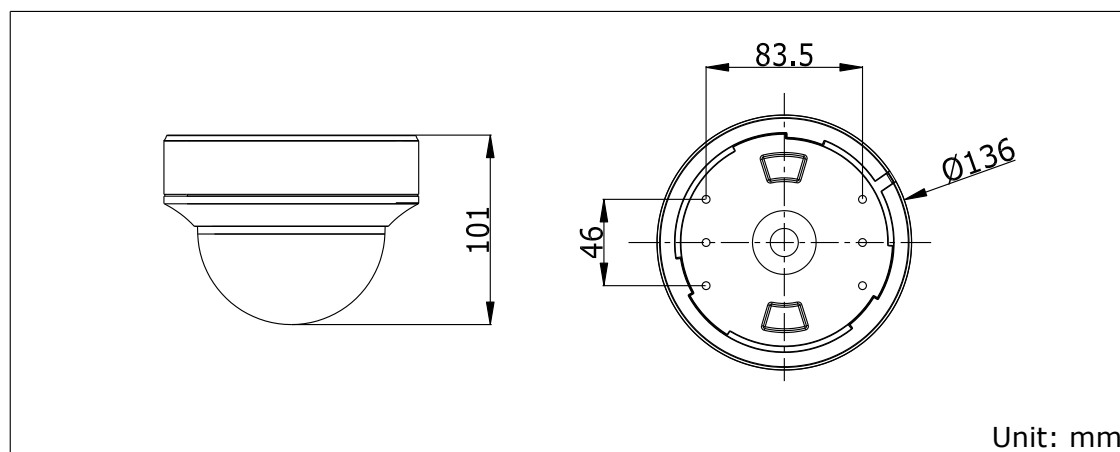
Model	DS-2CC51A1P(N)-VF
	700 TVL CCD ICR Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON) B/W: 0.0001 Lux @ (F1.2, AGC ON) Color: 0.0014 Lux @ (F1.4, AGC ON) B/W: 0.00014 Lux @ (F1.4, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4

	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day/Night
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC51A1P-VF

DS-2CC51A1N-VF

Dimensions

DS-2CC51A3P(N)-VF(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

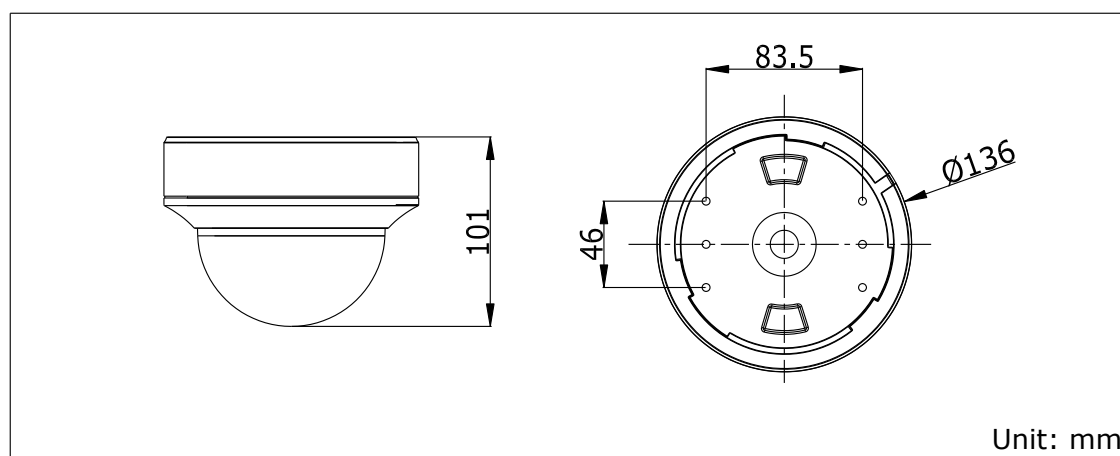
Model	DS-2CC51A3P(N)-VF
Parameter	700 TVL CCD ICR Dome Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512)

	Color: 0.014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512) B/W: 0.0014 Lux @ (F1.4, AGC ON), 0.000014 Lux @ (F1.4, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC51A3P-VF

DS-2CC51A3N-VF

Dimensions

DS-2CC51A5P(N)-VF(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

Parameter	Model
	DS-2CC51A5P(N)-VF
	700 TVL CCD Low Illumination ICR Dome Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)

Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512) Color: 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512) B/W: 0.00014 Lux @ (F1.4, AGC ON), 0.000014 Lux @ (F1.4, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4 Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")

Weight

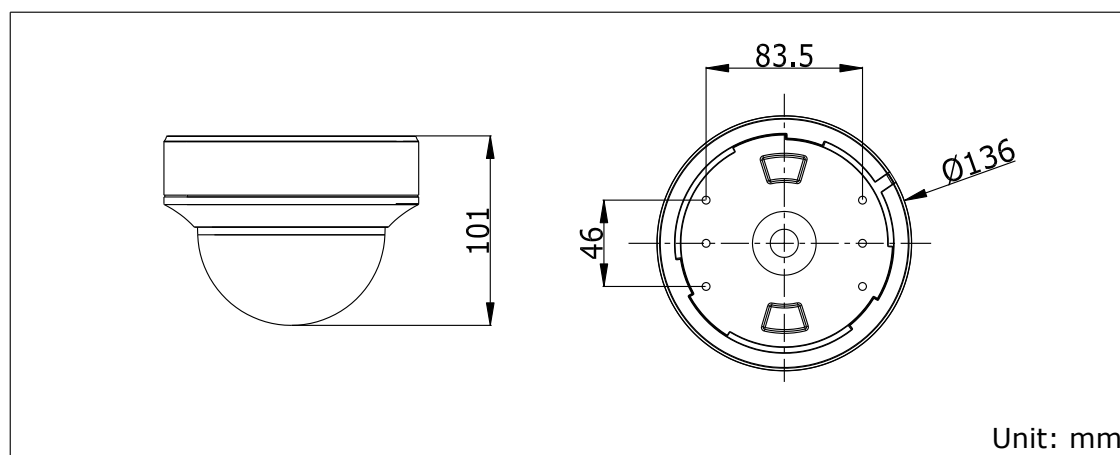
800 g (1.76 lbs)

Order Models

DS-2CC51A5P-VF

DS-2CC51A5N-VF

Dimensions



DS-2CC51A7P(N)-VF(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 (Color) , 0.0001 Lux @ F1.2 (B/W)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement

Specification

Parameter \ Model	DS-2CC51A7P(N)-VF
	700 TVL CCD WDR ICR Dome Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)

Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.00001 Lux @ (F1.2, AGC ON, sensitivity × 512) Color: 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512) B/W: 0.00014 Lux @ (F1.4, AGC ON), 0.000014 Lux @ (F1.4, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4 Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 180°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Wide Dynamic Range	75 dB
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto /Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
WDR	Value/ Contrast / WD exposure compensation/ Return
Anti-Flicker	On/Off
Language	English/Chinese
Function	SMART IR, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction, auto-iris correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W

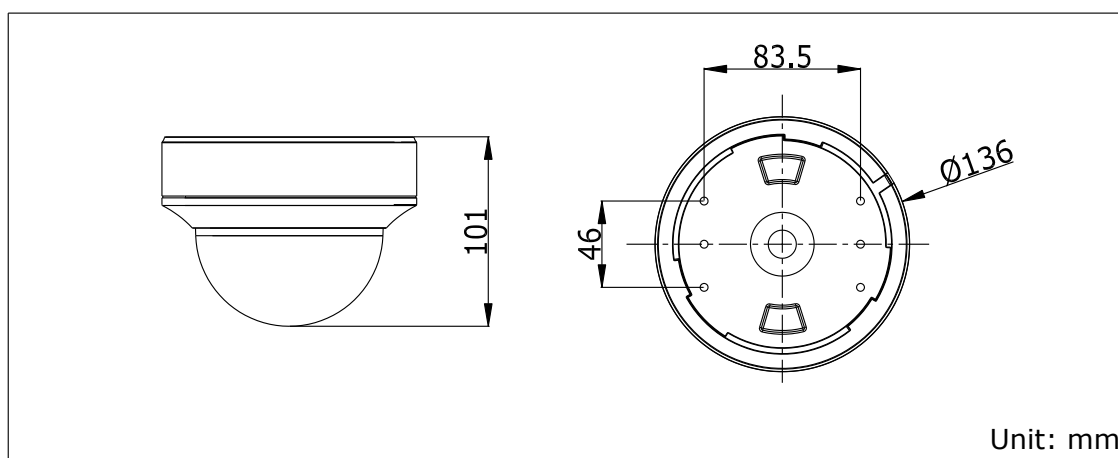
	(Max. 4.5 W with IR cut filter on)
Dimensions	Φ 136 × 101 mm (Φ 5.35" × 3.98")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC51A7P-VF

DS-2CC51A7N-VF

Dimensions



DS-2CC52A1P(N)-VP(Under R&D)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON)
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

Parameter	Model	DS-2CC52A1P(N)-VP
		700 TVL CCD Dome Camera (Vari-focal & Weather-proof & Vandal-proof)
Camera		
Image Sensor		1/3" SONY CCD
Signal System		PAL/NTSC
Effective Pixels		PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination		0.001Lux @ (F1.2,AGC ON) 0.0014Lux @ (F1.4,AGC ON)
Shutter Speed		PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens		2.8 - 12 mm @ F1.4
		Angle of view: 80° - 27.2°

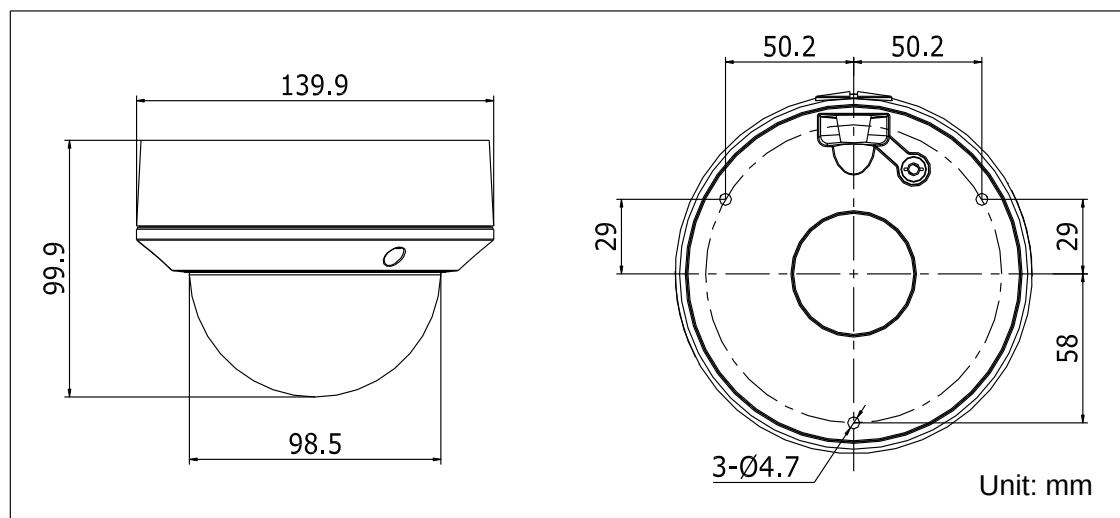
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°
Day & Night	Electronic
Horizontal Resolution	700 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	English/Chinese/ Korean/ Italian/ Russian/ Portuguese/ German/ French
Function	ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W
Ingress Protection level	IP66
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimension	Φ 139.9 × 99.9 mm (Φ 5.51" × 3. 93")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC52A1P-VP

DS-2CC52A1N-VP

Dimension



IR Camera

420TVL IR Camera

DS-2CC102P(N)-IRT(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Vari-focal Lens , adjusted by remote control
- Power-off memory
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

Model	DS-2CC102P(N)-IRT
parameter	420 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	4 - 9 mm @ F1.8 (5 - 15 mm optional), Adjusted by Remote Control
	Angle of view: 60° - 30° (4 - 9 mm)

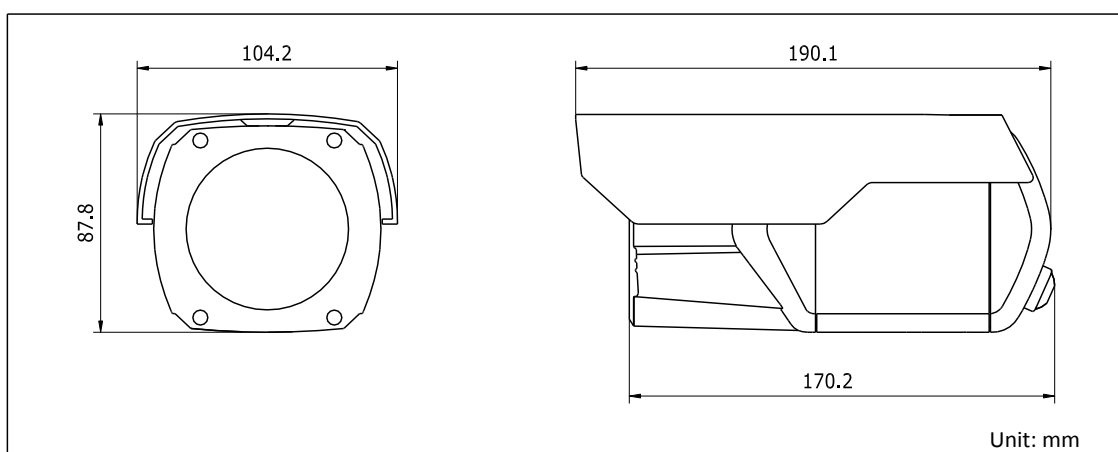
Lens Mount	Φ14
Day & Night	Electronic
Horizontal Resolution	420 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%, 24 V AC ± 10%
Power Consumption	Max. 12 W
Ingress protection	IP66
IR Range	Approx 30 to 40 meters
Dimensions	104.2 × 87.8 × 190.1 mm (4.10" × 3.46" × 7.48")
Weight	1000 g (2.20 lbs)

Order Models

DS-2CC102P-IRT

DS-2CC102N-IRT

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ-S



Outdoor wall mount
DS-1213ZJ-S

DS-2CC102P(N)-IRA(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

Model	DS-2CC102P(N)-IRA
Parameter	420 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.14 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	25 mm @ F1.4 (16 mm optional)
	Angle of view: 13.5° (25 mm)
Lens Mount	CS mount
Day & Night	Electronic
Horizontal Resolution	420 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On

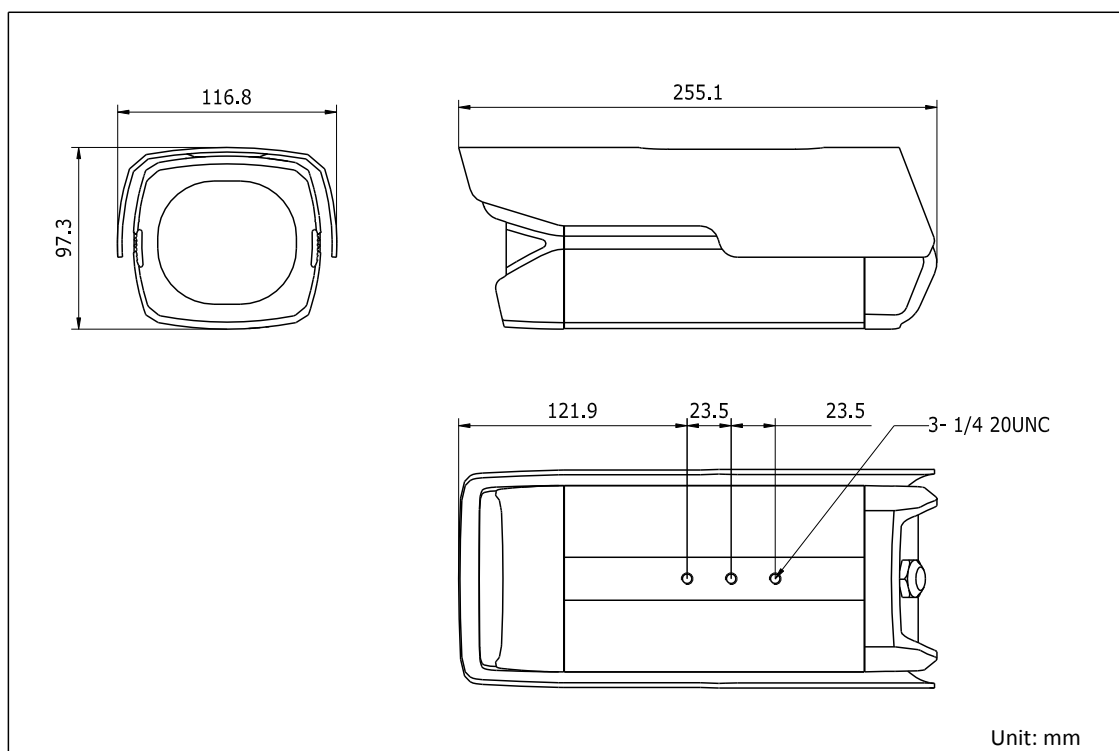
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	AC24V ± 10% (DC12V ± 10% optional)
Power Consumption	Max. 15 W
Ingress protection	IP66
IR Range	Approx 100 to 110 meters
Dimensions	116.8 × 97.3 × 255.1 mm (4.60" × 3.83" × 10.04")
Weight	2500 g (5.50 lbs)

Order Models

DS-2CC102P-IRA

DS-2CC102N-IRA

Dimensions



Accessories

Outdoor wall mount
DS-1213ZJ-S

DS-2CC102P(N)-IR(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum Surveillance angles and position
- Adopt a mount for routing cables through
- Ingress protection: IP66

Specification

Model	DS-2CC102P(N)-IR
Parameter	420 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°

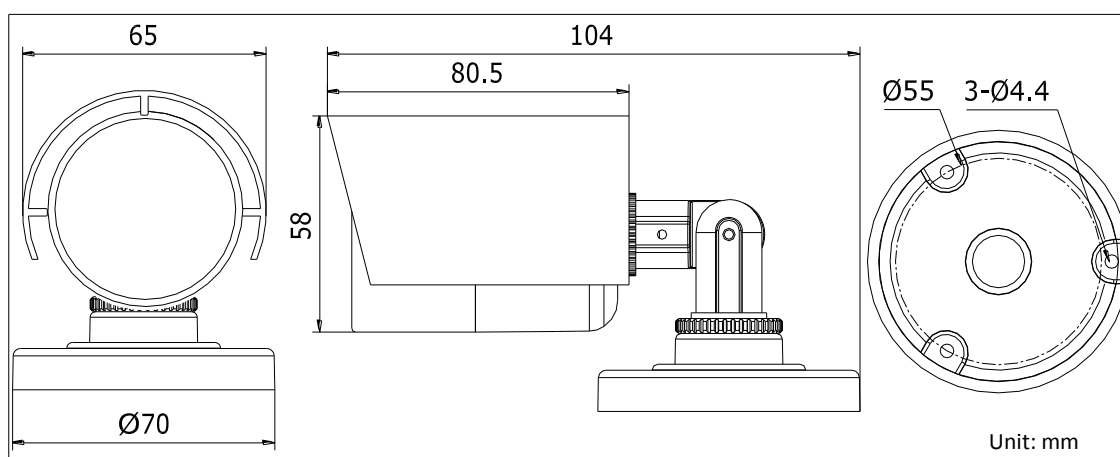
Day & Night	Electronic
Horizontal Resolution	420 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 3 W
Weather Rating	IP66
IR Range	Approx 10 to 20 meters
Dimensions	Φ 65 $\times$ 104 mm (ϕ 2.56" $\times$ 4.09")
Weight	450 g (0.99 lbs)

Order Models

DS-2CC102P-IR

DS-2CC102N-IR

Dimensions



DS-2CC102P(N)-IR3(IR5)(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

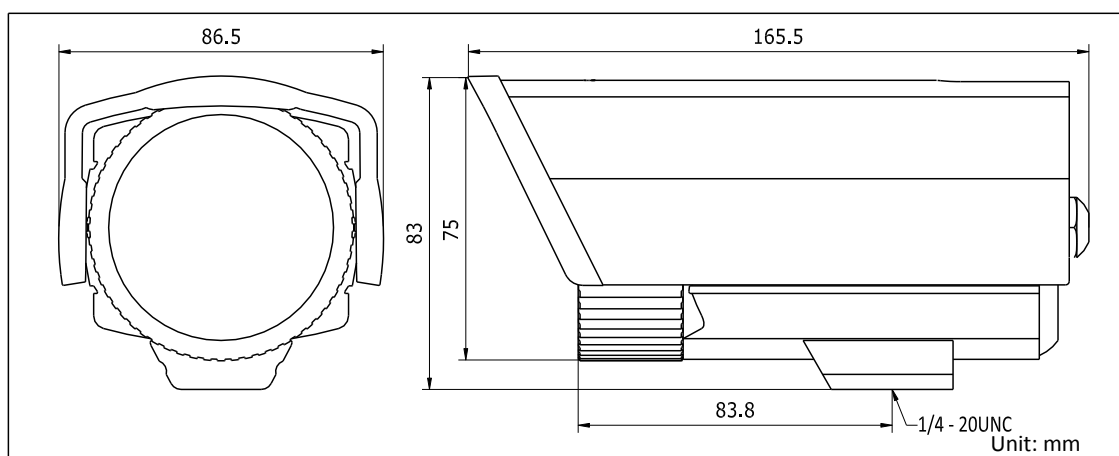
Model	DS-2CC102P(N)-IR3(IR5)
Parameter	420 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	"-IR3" series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional), Angle of view: 22.72° (12 mm) "-IR5" series: 16 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 12 mm optional), Angle of view: 16.4° (16 mm)
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	420 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)

S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Ingress protection	IP66
IR Range	"-IR3" series: approx 30 to 40 meters "-IR5" series: approx 50 to 60 meters
Power Supply	12 V DC $\pm$ 10%
Power Consumption	IR3: Max. 6 W IR5: Max. 8 W
Dimensions	86.5 $\times$ 83 $\times$ 165.5 mm (3.41" $\times$ 3.27" $\times$ 6.52")
Weight	1000 g (2.20 lbs)

Order Models

DS-2CC102P-IR3 DS-2CC102N-IR3
DS-2CC102P-IR5 DS-2CC102N-IR5

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ-S



Outdoor wall mount
DS-1213ZJ-S

DS-2CC502P(N)-IR(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

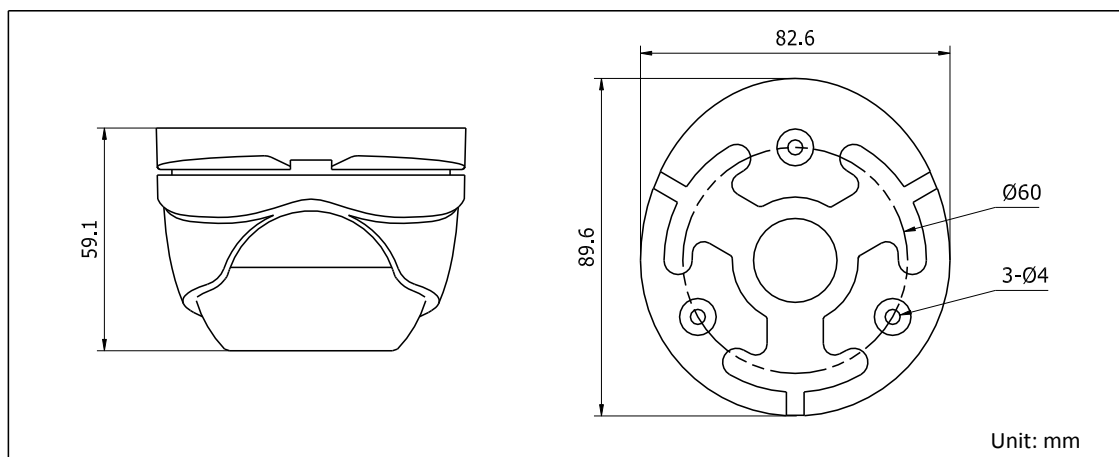
Model	DS-2CC502P(N)-IR
Parameter	420 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	6 mm @ F1.8 (3.6 mm, 2.8 mm optional)
	Angle of view: 47° (6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°

Day & Night	Electronic
Horizontal Resolution	420 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 DC ± 10%
Power Consumption	Max. 3 W
Ingress protection	IP66
IR Range	Approx 10 to 20 meters
Dimensions	89.6 × 59.1 mm (3.53" × 2.33")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC502P-IR DS-2CC502N-IR

Dimensions



DS-2CC502P(N)-IR3(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

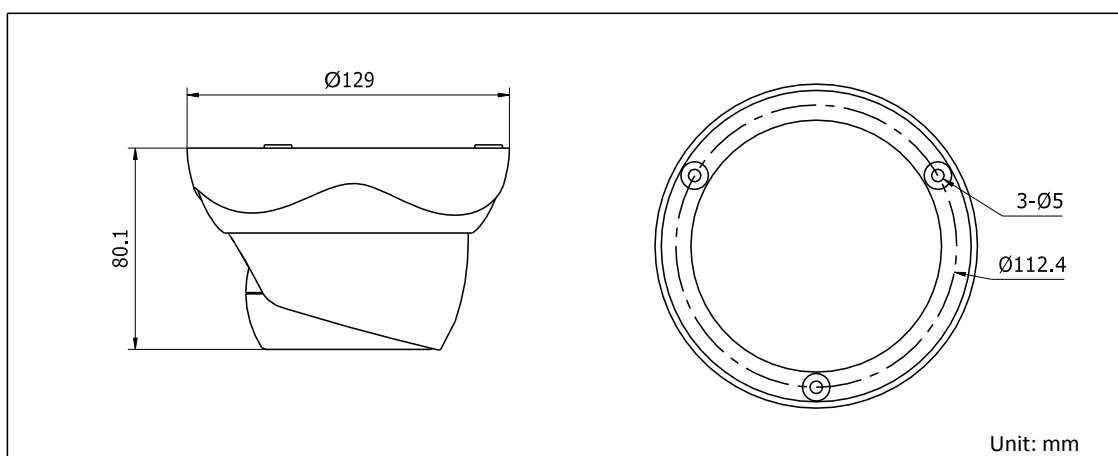
Model	DS-2CC502P(N)-IR3
Parameter	420 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional)
	Angle of view: 22.72° (12 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	Electronic
Horizontal Resolution	420 TVL

Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 DC $\pm$ 10%
Power Consumption	Max. 6 W
Ingress protection	IP66
IR Range	Approx 30 to 40 meters
Dimensions	Φ 129 $\times$ 80.1 mm (ϕ 5.08" $\times$ 3.15")
Weight	700 g (1.54 lbs)

Order Models

DS-2CC502P-IR3 DS-2CC502N-IR3

Dimensions



DS-2CC502P(N)-IMB(Released)



Key Features

- Compact design
- SONY CCD
- Low illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Impact Protection: IEC 60068-2-75 test, Eh, 50J; EN 50102, up to IK10
- Ingress protection: IP66

Specification

Model Parameter	DS-2CC502P(N)-IMB
	420 TVL CCD IR Weather-proof Vandal-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.6 mm (2.8 mm, 6 mm optional)
	Angle of view: 78° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 355°; Tilt: 0 - 65°;
Day & Night	Electronic
Horizontal Resolution	420 TVL

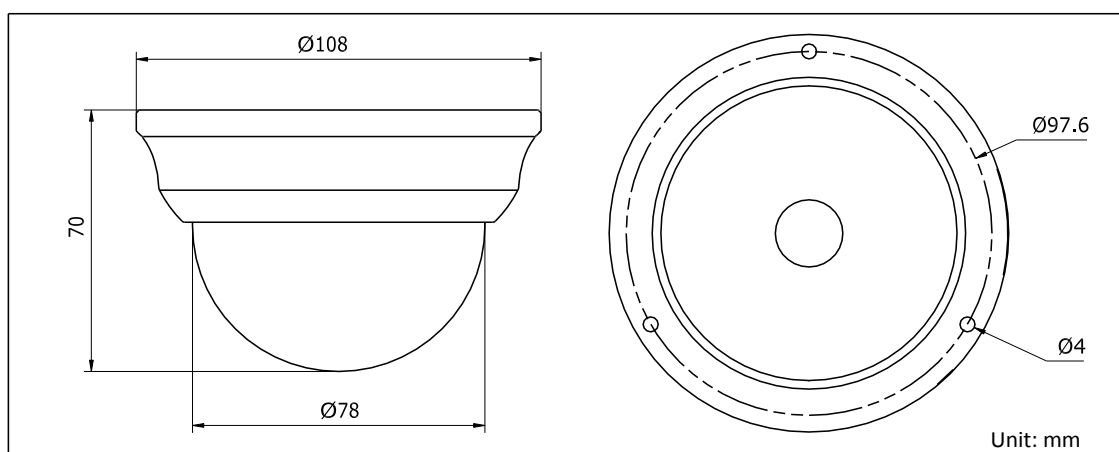
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Impact Protection	IEC 60068-2-75 test, Eh, 50J; EN 50102, up to IK10.
Ingress protection	IP66
IR Range	Approx 10 to 20 meters
Power Supply	12 V DC ± 10%
Power Consumption	Max. 3 W
Dimensions	Φ 108 × 70 mm (Φ 4.25" × 2.76")
Weight	450 g (0.99 lbs)

Order Models

DS-2CC502P-IMB

DS-2CC502N-IMB

Dimensions



480TVL IR Camera

DS-2CC112P(N)-IRT(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Vari-focal Lens , adjusted by remote control
- Power-off memory
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

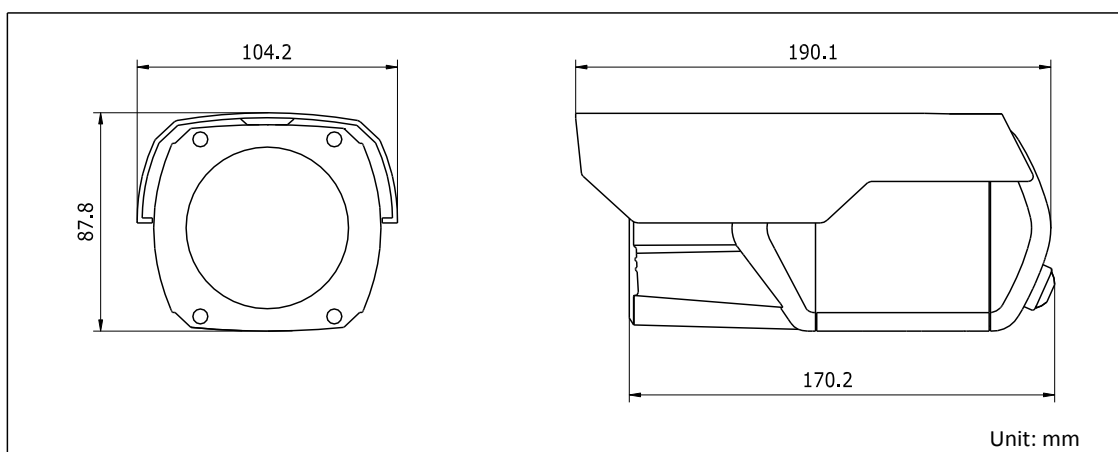
Model	DS-2CC112P(N)-IRT
parameter	480 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	4 - 9 mm @ F1.8 (5 - 15 mm optional), Adjusted by Remote Control Angle of view: 60° - 30° (4 - 9 mm)
Lens Mount	Φ14
Day & Night	Electronic
Horizontal	480 TVL

Resolution	
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%, 24 V AC ± 10%
Power Consumption	Max. 12 W
Ingress protection	IP66
IR Range	Approx 30 to 40 meters
Dimensions	104.2 × 87.8 × 190.1 mm (4.10" × 3.46" × 7.48")
Weight	1000 g (2.20 lbs)

Order Models

DS-2CC112P-IRT DS-2CC112N-IRT

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ-S



Outdoor wall mount
DS-1213ZJ-S

DS-2CC112P(N)-IRA(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

Model	DS-2CC112P(N)-IRA
Parameter	480 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.14 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	25 mm @ F1.4 (16 mm optional)
	Angle of view: 13.5° (25 mm)
Lens Mount	CS mount
Day & Night	Electronic
Horizontal Resolution	480 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On

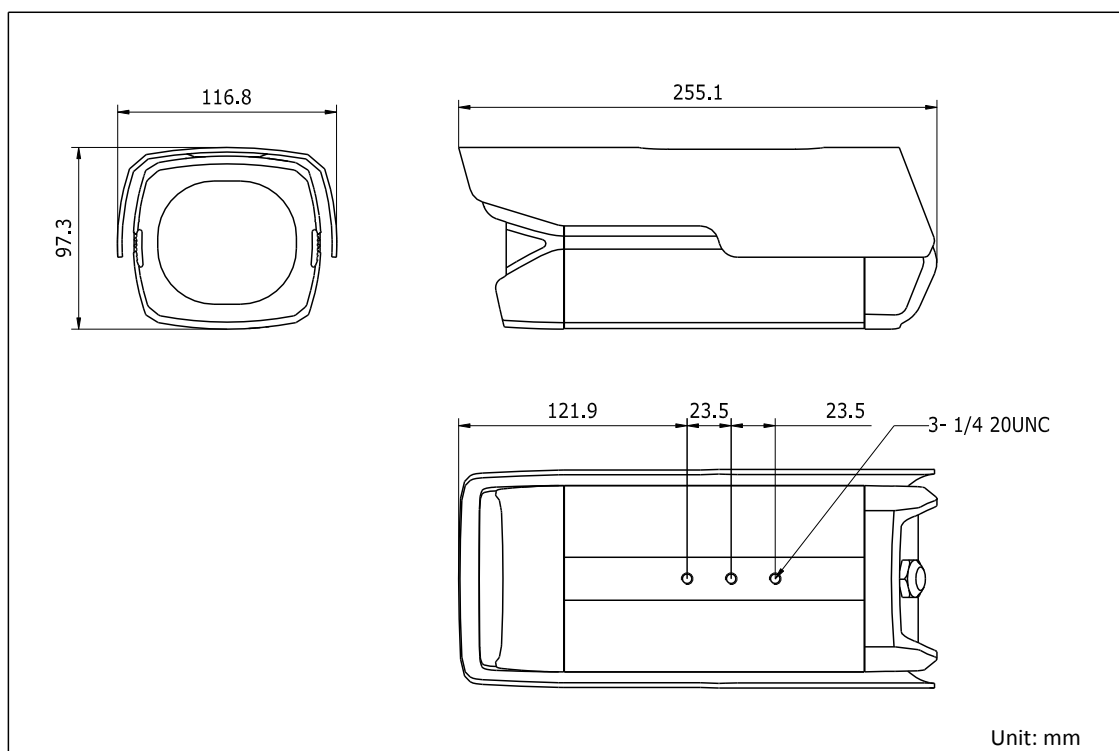
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	AC24V ± 10% (DC12V ± 10% optional)
Power Consumption	Max. 15 W
Ingress protection	IP66
IR Range	Approx 100 to 110 meters
Dimensions	116.8 × 97.3 × 255.1 mm (4.60" × 3.83" × 10.04")
Weight	2500 g (5.50 lbs)

Order Models

DS-2CC112P-IRA

DS-2CC112N-IRA

Dimensions



Accessories

Outdoor wall mount
DS-1213ZJ-S

DS-2CC112P(N)-IR(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum Surveillance angles and position
- Adopt a mount for routing cables through
- Ingress protection: IP66

Specification

Model	DS-2CC112P(N)-IR
Parameter	480 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	6 mm @ F1.8 (3.6 mm, 2.8 mm optional)
	Angle of view: 47° (6 mm)
Lens Mount	M12
Angle	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°

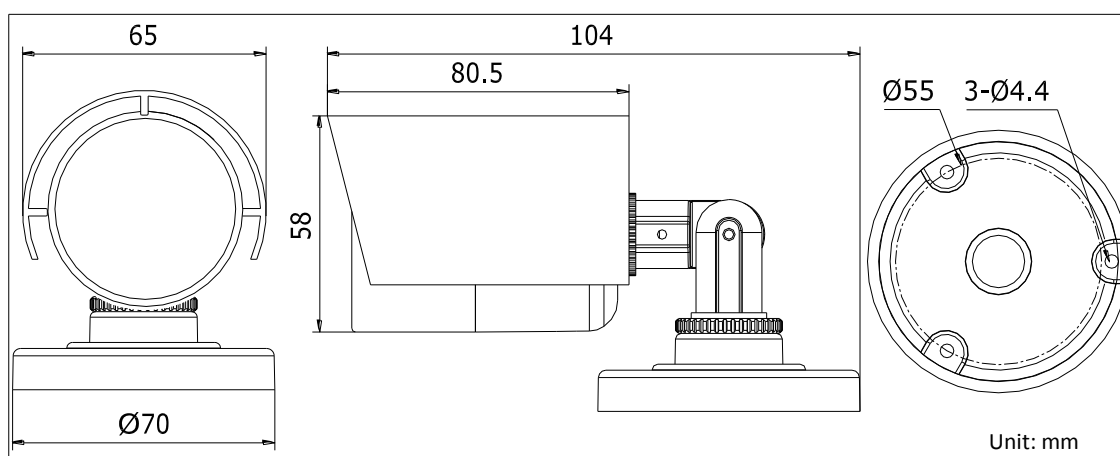
Adjustment	
Day & Night	Electronic
Horizontal Resolution	480 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 3 W
Weather proof Rating	IP66
IR Range	Approx 10 to 20 meters
Dimensions	Φ 65 × 104 mm (Φ 2.56" × 4.09")
Weight	450 g (0.99 lbs)

Order Models

DS-2CC112P-IR

DS-2CC112N-IR

Dimensions



DS-2CC112P(N)-IR3(IR5)(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

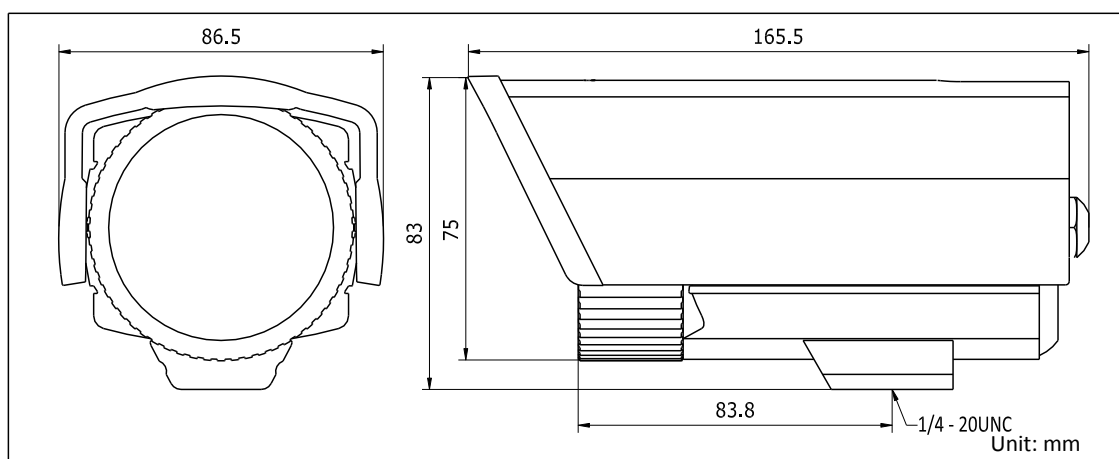
Model	DS-2CC112P(N)-IR3(IR5)
Parameter	480 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	"-IR3" series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional), Angle of view: 22.72° (12 mm) "-IR5" series: 16 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 12 mm optional), Angle of view: 16.4° (16 mm)
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	480 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)

S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Ingress protection	IP66
IR Range	"-IR3" series: approx 30 to 40 meters "-IR5" series: approx 50 to 60 meters
Power Supply	12 V DC $\pm$ 10%
Power Consumption	IR3: Max. 6 W IR5: Max. 8 W
Dimensions	86.5 $\times$ 83 $\times$ 165.5 mm (3.41" $\times$ 3.27" $\times$ 6.52")
Weight	1000 g (2.20 lbs)

Order Models

DS-2CC112P-IR3 DS-2CC112N-IR3
DS-2CC112P-IR5 DS-2CC112N-IR5

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ-S



Outdoor wall mount
DS-1213ZJ-S

DS-2CC512P(N)-IR(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CC512P(N)-IR
Parameter	480 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	6 mm @ F1.8 (3.6 mm, 2.8 mm optional)
	Angle of view: 47° (6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°

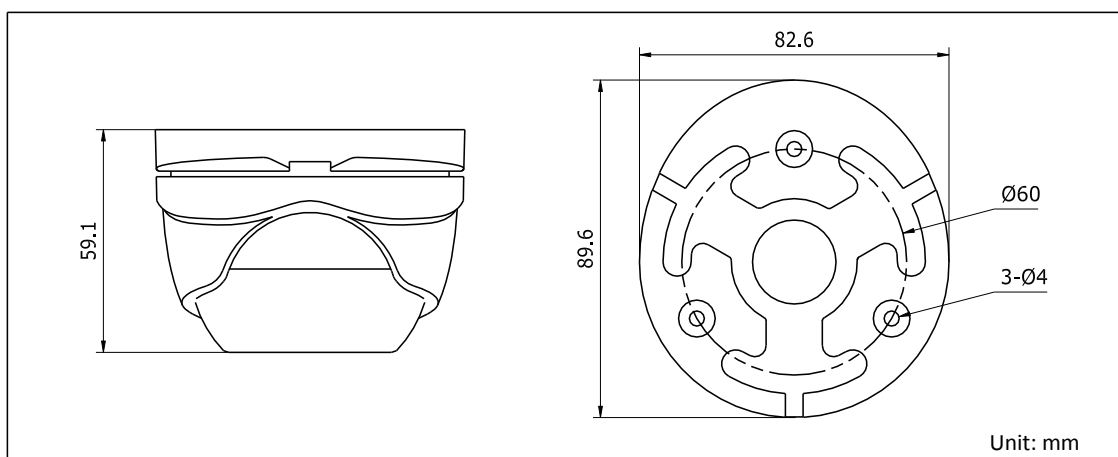
Day & Night	Electronic
Horizontal Resolution	480 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 DC ± 10%
Power Consumption	Max. 3 W
Ingress protection	IP66
IR Range	Approx 10 to 20 meters
Dimensions	89.6 × 59.1 mm (3.53" × 2.33")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC512P-IR

DS-2CC512N-IR

Dimensions



DS-2CC512P(N)-IR3(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CC512P(N)-IR3
Parameter	480 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional) Angle of view: 22.72° (12 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	Electronic
Horizontal Resolution	480 TVL

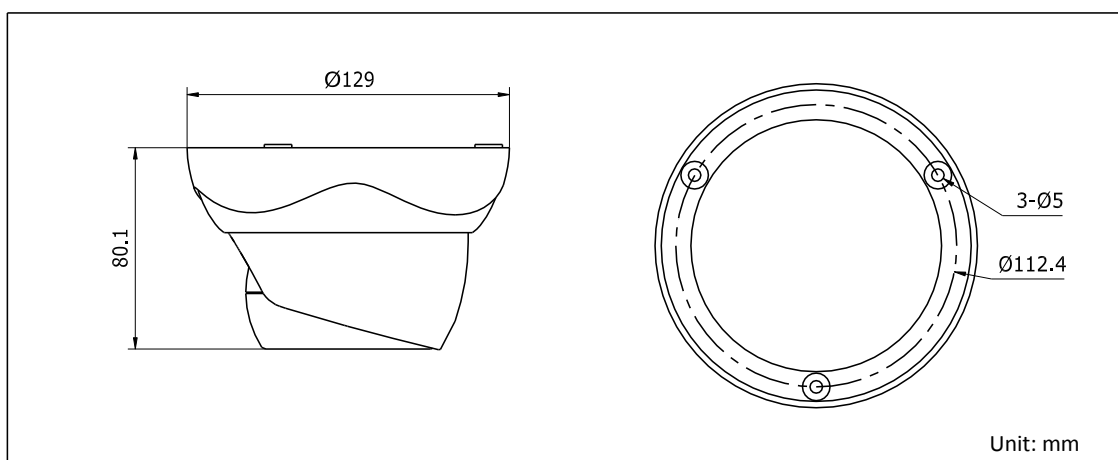
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 DC $\pm$ 10%
Power Consumption	Max. 6 W
Ingress protection	IP66
IR Range	Approx 30 to 40 meters
Dimensions	Φ 129 $\times$ 80.1 mm (ϕ 5.08" $\times$ 3.15")
Weight	700 g (1.54 lbs)

Order Models

DS-2CC512P-IR3

DS-2CC512N-IR3

Dimensions



540TVL IR Camera

DS-2CC192P(N)-IRT(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Vari-focal Lens , adjusted by remote control
- Power-off memory
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

Model	DS-2CC192P(N)-IRT
parameter	540 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	4 - 9 mm @ F1.8 (5 - 15 mm optional), Adjusted by Remote Control Angle of view: 60° - 30° (4 - 9 mm)
Lens Mount	Φ14
Day & Night	Electronic
Horizontal	540 TVL

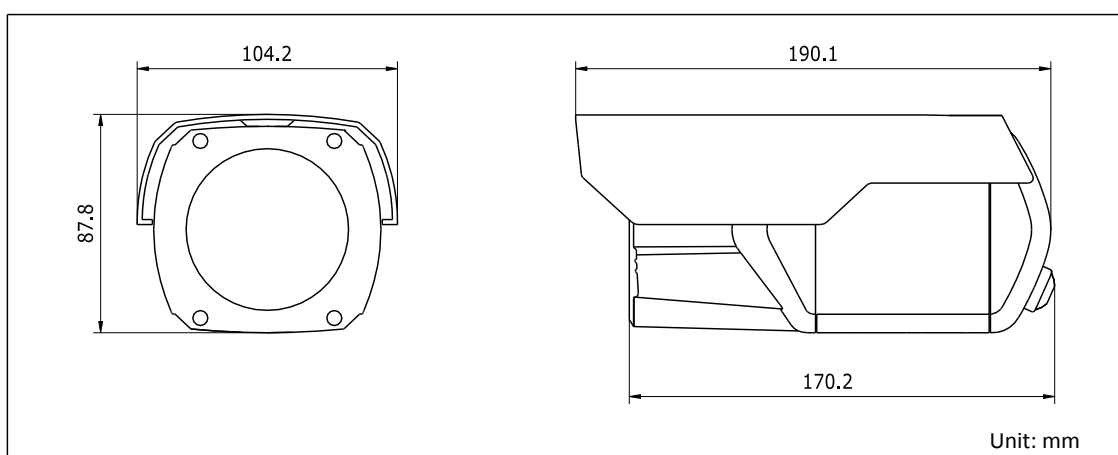
Resolution	
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%, 24 V AC ± 10%
Power Consumption	Max. 12 W
Ingress protection	IP66
IR Range	Approx 30 to 40 meters
Dimensions	104.2 × 87.8 × 190.1 mm (4.10" × 3.46" × 7.48")
Weight	1000 g (2.20 lbs)

Order Models

DS-2CC192P-IRT

DS-2CC192N-IRT

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ-S



Outdoor wall mount
DS-1213ZJ-S

DS-2CC192P(N)-IRA(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

Model	DS-2CC192P(N)-IRA
Parameter	540 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.14 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	25 mm @ F1.4 (16 mm optional)
	Angle of view: 13.5° (25 mm)
Lens Mount	CS mount
Day & Night	Electronic
Horizontal Resolution	540 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On

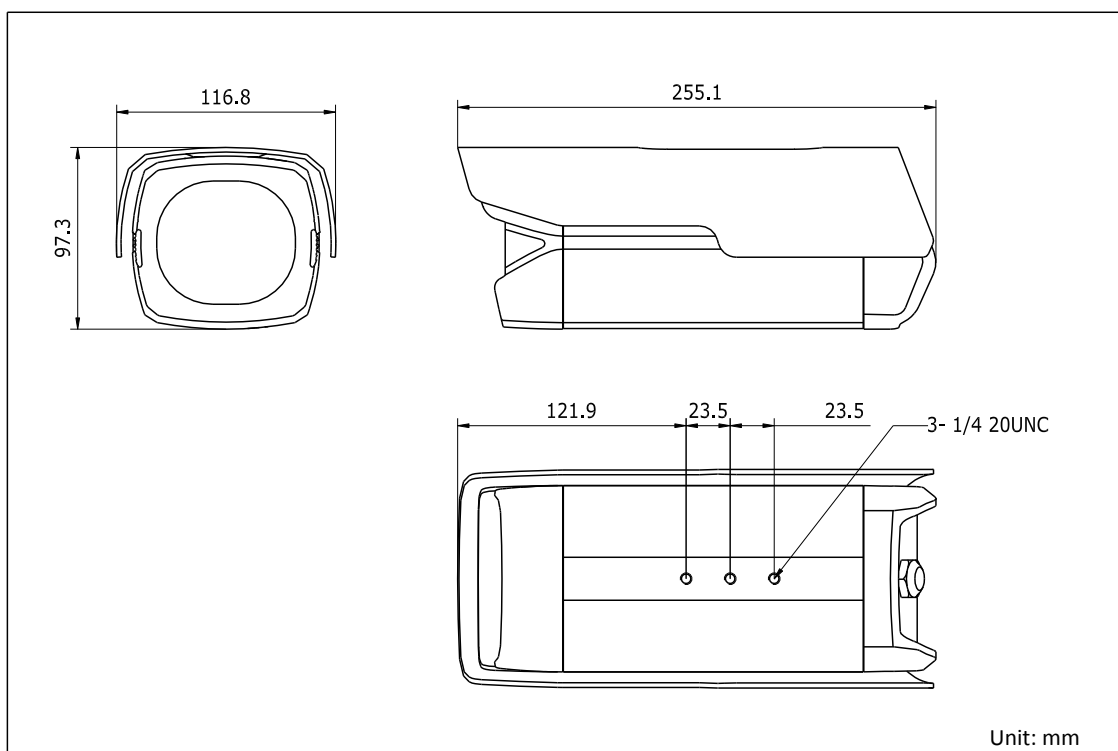
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	AC24V ± 10% (DC12V ± 10% optional)
Power Consumption	Max. 15 W
Ingress protection	IP66
IR Range	Approx 100 to 110 meters
Dimensions	116.8 × 97.3 × 255.1 mm (4.60" × 3.83" × 10.04")
Weight	2500 g (5.50 lbs)

Order Models

DS-2CC192P-IRA

DS-2CC192N-IRA

Dimensions



Accessories

Outdoor wall mount
DS-1213ZJ-S

DS-2CC192P(N)-IR(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum Surveillance angles and position
- Adopt a mount for routing cables through
- Ingress protection: IP66

Specification

Model	DS-2CC192P(N)-IR
Parameter	540 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	6 mm @ F1.8 (3.6 mm, 2.8 mm optional)
	Angle of view: 47° (6 mm)
Lens Mount	M12
Day & Night	Electronic

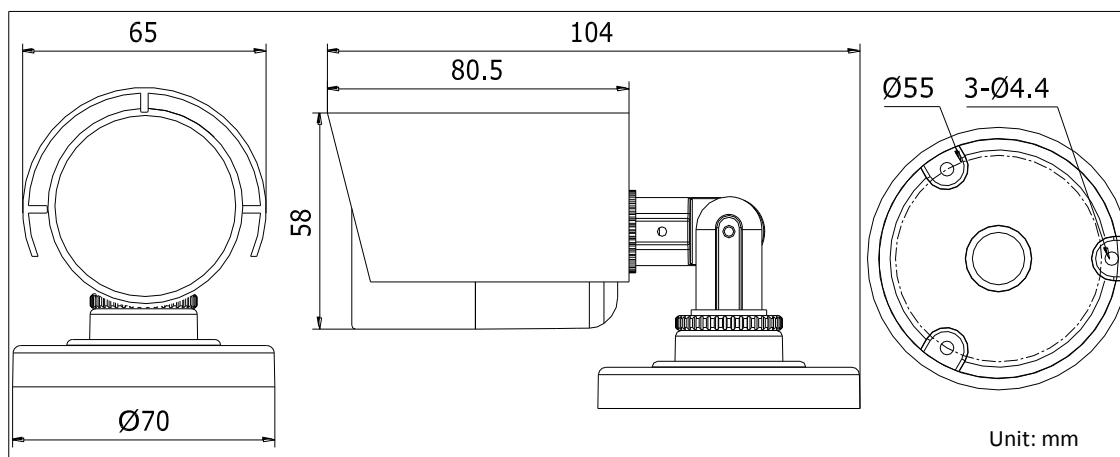
Horizontal Resolution	540 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 3 W
Weatherproof Rating	IP66
IR Range	Approx 10 to 20 meters
Dimensions	Φ 65 $\times$ 104 mm (ϕ 2.56" $\times$ 4.09")
Weight	450 g (0.99 lbs)

Order Models

DS-2CC192P-IR

DS-2CC192N-IR

Dimensions



DS-2CC192P(N)-IR3(IR5)(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

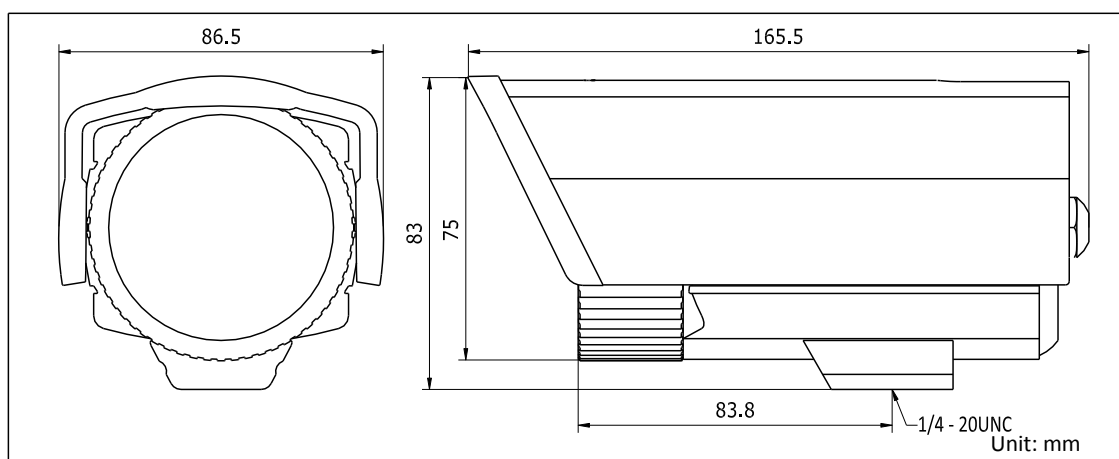
Model	DS-2CC192P(N)-IR3(IR5)
Parameter	540 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	"-IR3" series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional), Angle of view: 22.72° (12 mm) "-IR5" series: 16 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 12 mm optional), Angle of view: 16.4° (16 mm)
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	540 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)

S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Ingress protection	IP66
IR Range	"-IR3" series: approx 30 to 40 meters "-IR5" series: approx 50 to 60 meters
Power Supply	12 V DC $\pm$ 10%
Power Consumption	IR3: Max. 6 W IR5: Max. 8 W
Dimensions	86.5 $\times$ 83 $\times$ 165.5 mm (3.41" $\times$ 3.27" $\times$ 6.52")
Weight	1000 g (2.20 lbs)

Order Models

DS-2CC192P-IR3 DS-2CC192N-IR3
DS-2CC192P-IR5 DS-2CC192N-IR5

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ-S



Outdoor wall mount
DS-1213ZJ-S

DS-2CC1172P(N)-IR1T(IR3T)(IR5T)(Released)



Key Features

- Compact design
- new generation CCD with high sensitivity
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

Model	DS-2CC1172P(N)- IR1T(IR3T)(IR5T)
Parameter	540 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.002 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	“-IR1T” series: 6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm) “-IR3T” series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional), Angle of view: 22.72° (12 mm) “-IR5T” series: 16 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 12 mm optional), Angle of view: 16.4° (16 mm)
Lens Mount	M12
Day & Night	Electronic

Horizontal Resolution	540 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 62 dB
SMART IR	On
3D-DNR	On
General	
Working temperature/ humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Ingress protection	IP66
IR Range	"-IR1T" series: approx 10 to 20 meters "-IR3T" series: approx 30 to 40 meters "-IR5T" series: approx 50 to 60 meters
Power Supply	12 V DC $\pm$ 10%
Power Consumption	IR1T: Max. 3 W IR3T: Max. 6 W IR5T: Max. 8W
Dimensions	IR1T: 76.5×73.3×125.5 mm (3.01" × 2.89" × 4.94") IR3T&IR5T: 86.5 × 83 × 165.5 mm (3.41" × 3.27" × 6.52")
Weight	IR1T: 600 g (1.32 lbs) IR3T&IR5T: 1000 g (2.20 lbs)

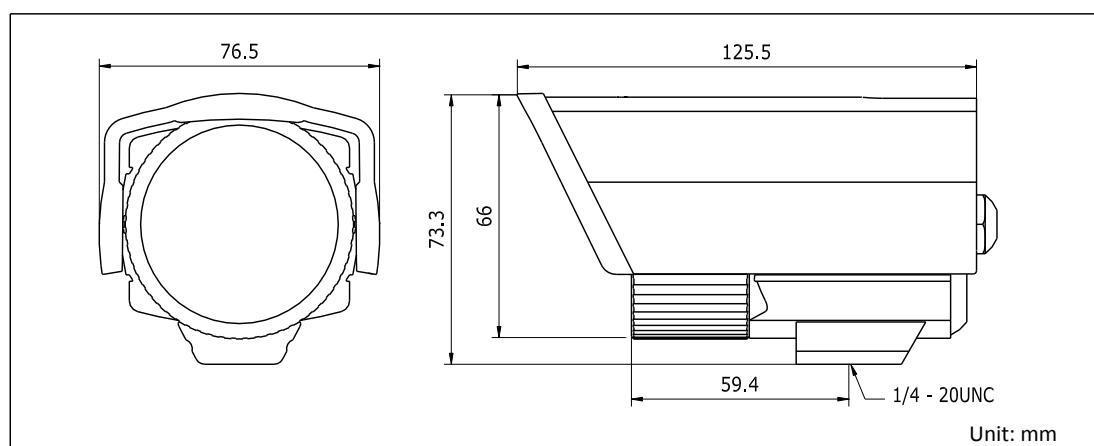
Order Models

DS-2CC1172P-IR1T DS-2CC1172N-IR1T

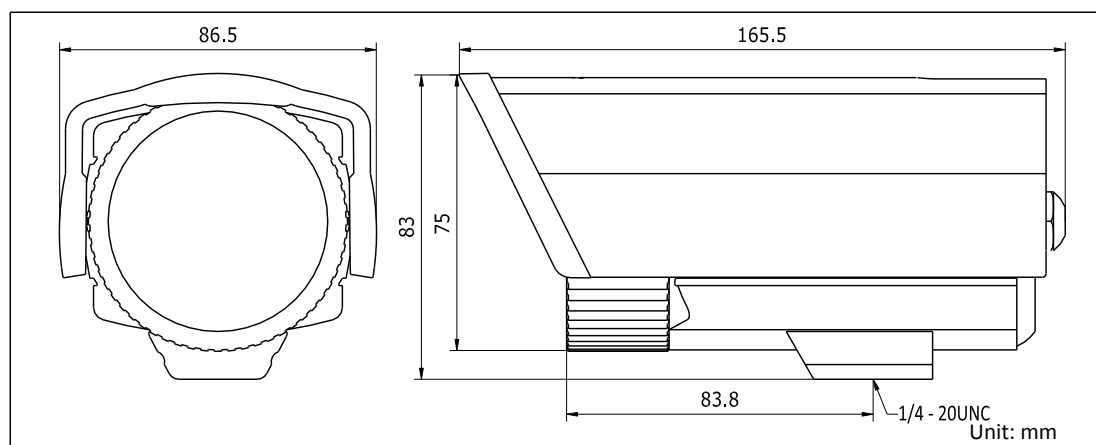
DS-2CC1172P-IR3T DS-2CC1172N-IR3T

DS-2CC1172P-IR5T DS-2CC1172N-IR5T

Dimensions



DS-2CC1172P(N)-IR1T



DS-2CC1172P(N)-IR3T(IR5T)

Accessories



Indoor wall mount
DS-1212ZJ-S



Outdoor wall mount
DS-1213ZJ-S

DS-2CC592P(N)-IR(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

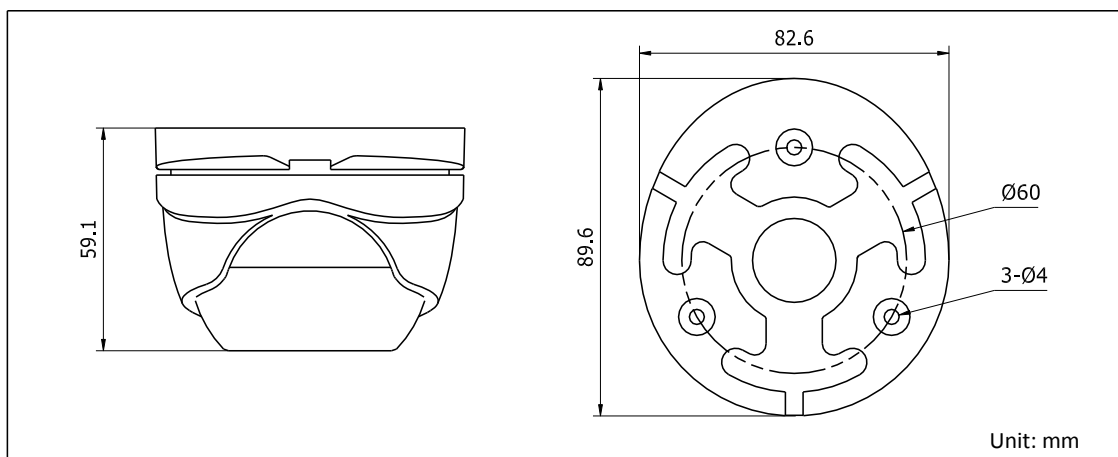
Model	DS-2CC592P(N)-IR
Parameter	540 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°

Day & Night	Electronic
Horizontal Resolution	540 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 DC $\pm$ 10%
Power Consumption	Max. 3 W
Ingress protection	IP66
IR Range	Approx 10 to 20 meters
Dimensions	89.6 $\times$ 59.1 mm (3.53" $\times$ 2.33")
Weight	400 g (0.88 lbs)

Order Models

DS-2CC592P-IR DS-2CC592N-IR

Dimensions



DS-2CC592P(N)-IR3(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

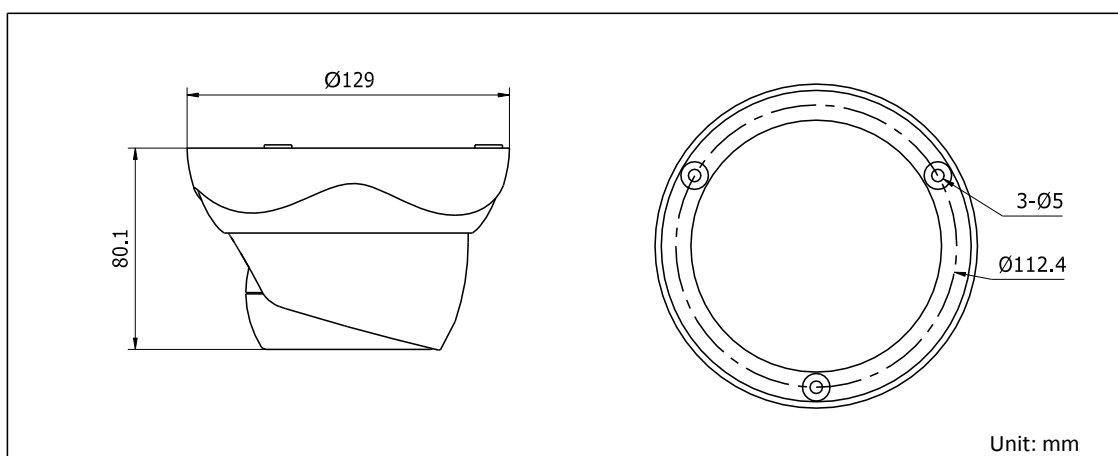
Model	DS-2CC592P(N)-IR3
Parameter	540 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional)
	Angle of view: 22.72° (12 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	Electronic
Horizontal Resolution	540 TVL

Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 DC $\pm$ 10%
Power Consumption	Max. 6 W
Ingress protection	IP66
IR Range	Approx 30 to 40 meters
Dimensions	Φ 129 $\times$ 80.1 mm (ϕ 5.08" $\times$ 3.15")
Weight	700 g (1.54 lbs)

Order Models

DS-2CC592P-IR3 DS-2CC592N-IR3

Dimensions



DS-2CC5172P(N)-IR1T(IR3T)(Released)

Key Features

- Compact design
- new generation CCD with high sensitivity
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CC5172P(N)- IR1T(IR3T)
Parameter	540 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.002 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	“-IR1T” series: 6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm) “-IR3T” series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional), Angle of view: 22.72° (12 mm)
Lens Mount	M12

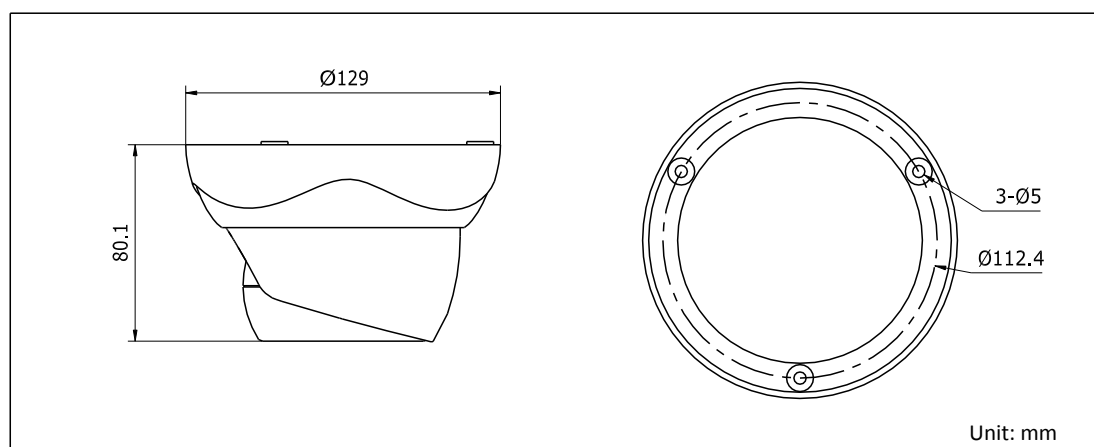
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	Electronic
Horizontal Resolution	540 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
SMART IR	On
3D-DNR	On
General	
Working temperature/ humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Ingress protection	IP66
IR Range	"-IR1T" series: approx 10 to 20 meters "-IR3T" series: approx 30 to 40 meters
Power Supply	12 V DC ± 10%
Power Consumption	IR1T: Max. 3 W IR3T: Max. 6 W
Dimensions	Φ 129 × 80.1 mm (Φ 5.08" × 3.15")
Weight	700 g (1.54 lbs)

Order Models

DS-2CC5172P-IR1T DS-2CC5172N-IR1T

DS-2CC5172P-IR3T DS-2CC5172N-IR3T

Dimensions



DS-2CC572P(N)-IMB(Released)



Key Features

- Compact design
- SONY CCD
- Low illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Impact Protection: IEC 60068-2-75 test, Eh, 50J; EN 50102, up to IK10
- Ingress protection: IP66

Specification

Model Parameter	DS-2CC572P(N)-IMB
	540 TVL CCD IR Weather-proof Vandal-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.6 mm (2.8 mm, 6 mm optional)
	Angle of view: 78° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 355°; Tilt: 0 - 65°;
Day & Night	Electronic
Horizontal Resolution	540 TVL

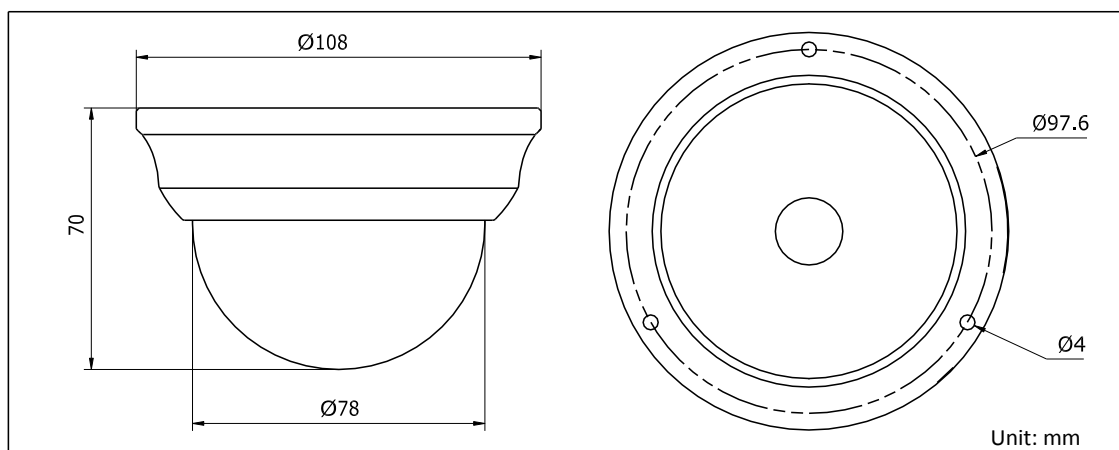
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 48 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Impact Protection	IEC 60068-2-75 test, Eh, 50J; EN 50102, up to IK10.
Ingress protection	IP66
IR Range	Approx 10 to 20 meters
Power Supply	12 V DC ± 10%
Power Consumption	Max. 3 W
Dimensions	Φ 108 × 70 mm (Φ 4.25" × 2.76")
Weight	450 g (0.99 lbs)

Order Models

DS-2CC572P-IMB

DS-2CC572N-IMB

Dimensions



600TVL IR Camera

DS-2CC1182P(N)-IR1(IR3)(IR5)(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

Model	DS-2CC1182P(N)-IR1(IR3)(IR5)
Parameter	600 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.002 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	"-IR1" series: 6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm) "-IR3" series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional), Angle of view: 22.72° (12 mm) "-IR5" series: 16 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 12 mm optional), Angle of view: 16.4° (16 mm)
Lens Mount	M12

Day & Night	Electronic
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 62 dB
BLC	On
General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Ingress Protection	IP66
IR Range	"-IR1" series: approx 10 to 20 meters "-IR3" series: approx 30 to 40 meters "-IR5" series: approx 50 to 60 meters
Power Supply	12 V DC $\pm$ 10%
Power Consumption	IR1: Max. 3 W IR3: Max. 6 W IR5: Max. 8 W
Dimensions	IR1: 76.5×73.3×125.5 mm (3.01" × 2.89" × 4.94") IR3&IR5: 86.5 × 83 × 165.5 mm (3.41" × 3.27" × 6.52")
Weight	IR1: 600 g (1.32 lbs) IR3&IR5: 1000 g (2.20 lbs)

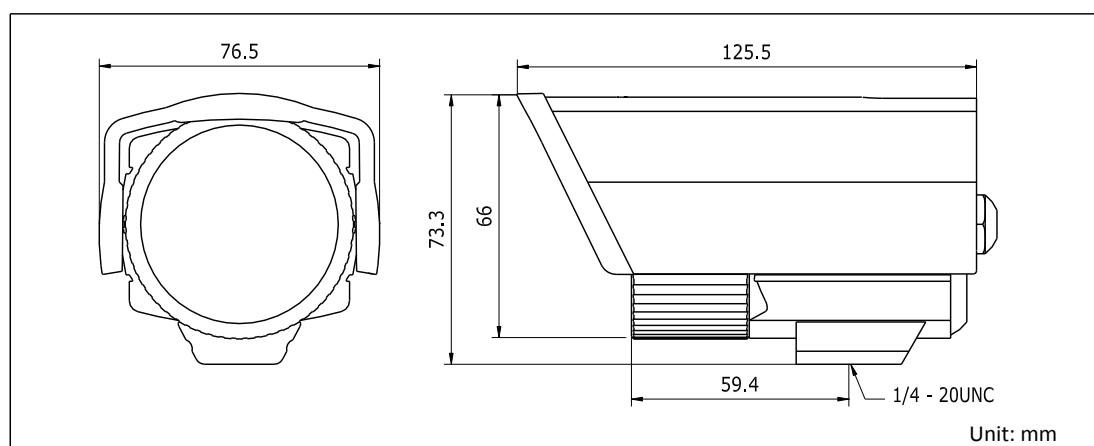
Order Models

DS-2CC1182P-IR1 DS-2CC1182N-IR1

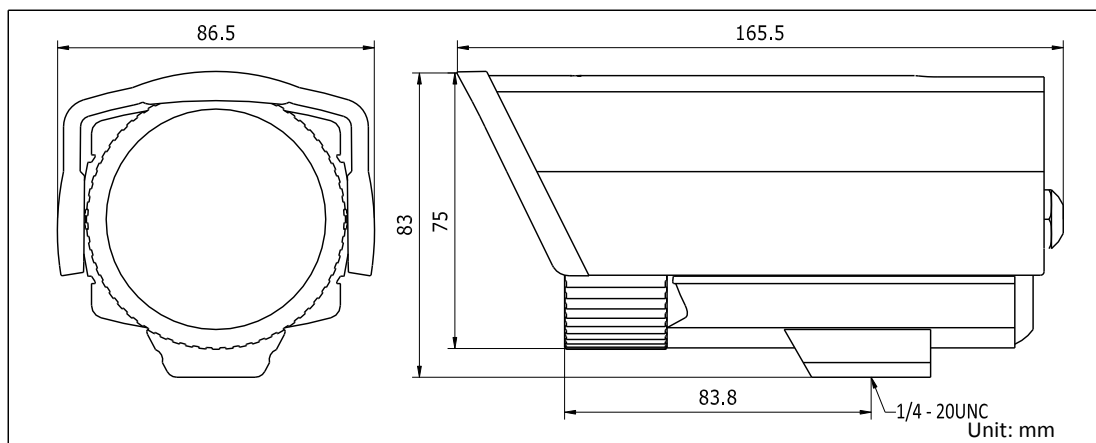
DS-2CC1182P-IR3 DS-2CC1182N-IR3

DS-2CC1182P-IR5 DS-2CC1182N-IR5

Dimensions



DS-2CC1182P(N)-IR1



DS-2CC1182P(N)-IR3(IR5)

Accessories



Indoor wall mount
DS-1212ZJ-S



door/outdoor wall mount
DS-1213ZJ-S

DS-2CC1182P(N)-IR1T(IR3T)(IR5T)(Released)



Key Features

- Compact design
- new generation CCD with high sensitivity
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66

Specification

Model	DS-2CC1182P(N)- IR1T(IR3T)(IR5T)
Parameter	600 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.002 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	“-IR1T” series: 6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm) “-IR3T” series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional), Angle of view: 22.72° (12 mm) “-IR5T” series: 16 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 12 mm optional), Angle of view: 16.4° (16 mm)
Lens Mount	M12
Day & Night	Electronic
Horizontal	600 TVL

Resolution	
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
SMART IR	On
3D-DNR	On
General	
Working temperature/ humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Ingress protection	IP66
IR Range	"-IR1T" series: approx 10 to 20 meters "-IR3T" series: approx 30 to 40 meters "-IR5T" series: approx 50 to 60 meters
Power Supply	12 V DC ± 10%
Power Consumption	IR1T: Max. 3 W IR3T: Max. 6 W IR5T: Max. 8W
Dimensions	IR1T: 76.5×73.3×125.5 mm (3.01" × 2.89" × 4.94") IR3T&IR5T: 86.5 × 83 × 165.5 mm (3.41" × 3.27" × 6.52")
Weight	IR1T: 600 g (1.32 lbs) IR3T&IR5T: 1000 g (2.20 lbs)

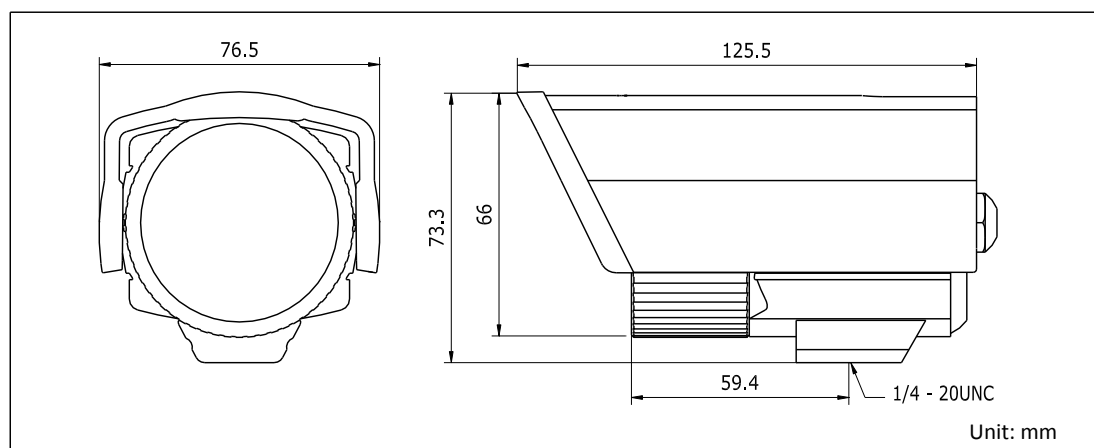
Order Models

DS-2CC1182P-IR1T DS-2CC1182N-IR1T

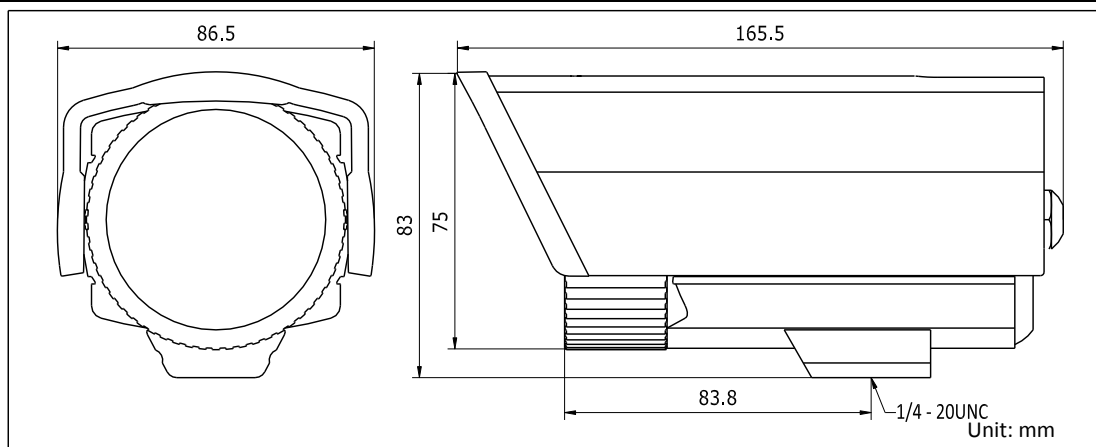
DS-2CC1182P-IR3T DS-2CC1182N-IR3T

DS-2CC1182P-IR5T DS-2CC1182N-IR5T

Dimensions



DS-2CC1182P(N)-IR1T



DS-2CC1182P(N)-IR3T(IR5T)

Accessories



Indoor wall mount
DS-1212ZJ-S



door/outdoor wall mount
DS-1213ZJ-S

DS-2CC1182P(N)-IRA(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66

Specification

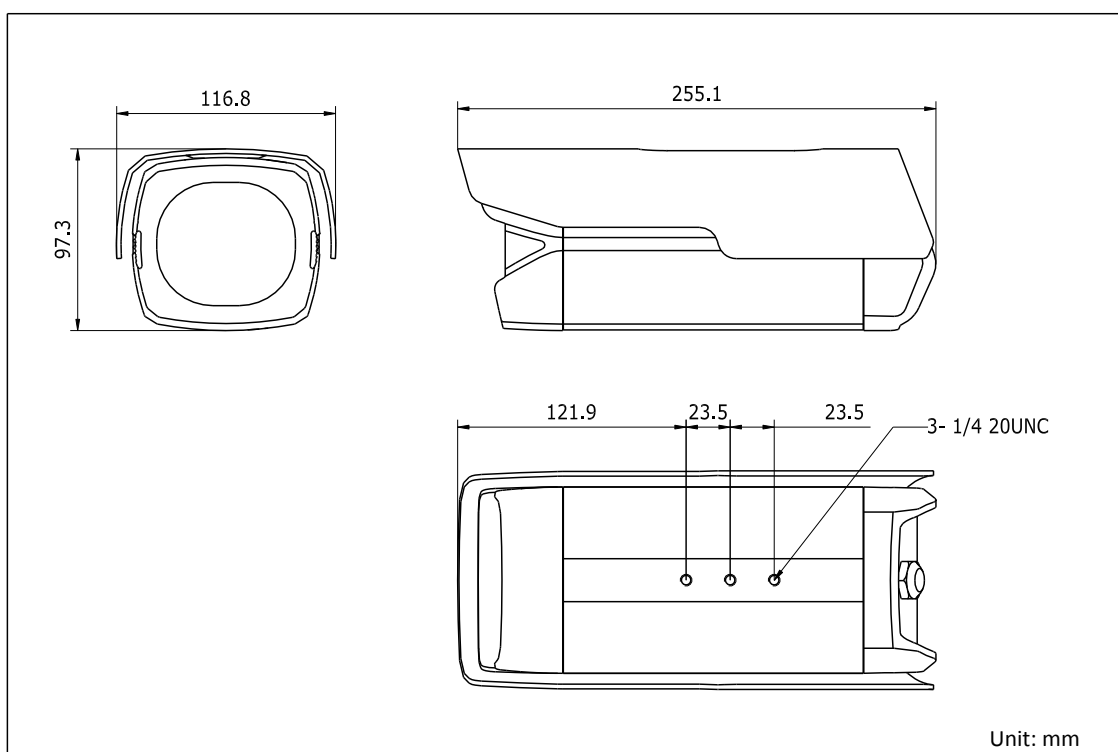
Model	DS-2CC1182P(N)-IRA
Parameter	600 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	25 mm @ F1.4 (16 mm optional)
	Angle of view: 13.5° (25 mm)
Lens Mount	CS mount
Day & Night	Electronic
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75Ω /BNC)
S/N Ratio	More than 62 dB
BLC	On

General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	AC24V ± 10%(DC12V±10% optional)
Power Consumption	Max. 15 W
Ingress Protection	IP66
IR Range	Approx 100 to 110 meters
Dimensions	116.8 × 97.3 × 255.1 mm (4.60" × 3.83" × 10.04")
Weight	2500 g (5.50 lbs)

Order Models

DS-2CC1182P-IRA DS-2CC1182N-IRA

Dimensions



Accessories

Outdoor wall mount
DS-1213ZJ-S

DS-2CC1181P(N)-VFIR(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Smart IR mode
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66

Specification

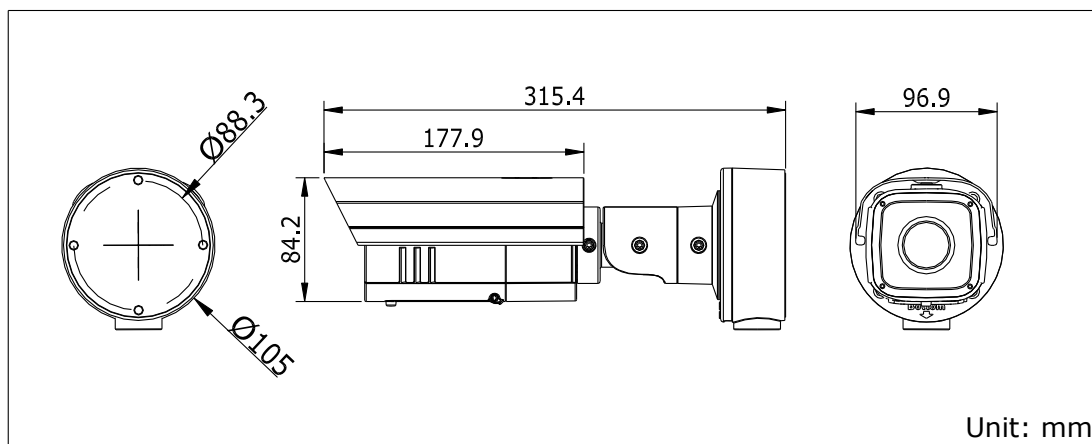
Model	DS-2CC1181P(N)-VFIR
	600 TVL CCD ICR Vari-focal Weather-proof IR Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14

Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day/Night/EXT1/EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	SMART IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Ingress Protection	IP66
IR Range	approx 20 to 30 meters
Power Consumption	Max. 9.5 W
Dimensions	96.9 x 84.2 x 315.4 mm (3.81" × 3.31" × 12.42")
Weight	2100 g (4.62 lbs)

Order Models

DS-2CC1181P- VFIR

DS-2CC1181N- VFIR

Dimensions


DS-2CC1281P(N)-VFIR3(Under R&D)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- OSD menu
- Support 2.8 - 12 mm lens
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Adopt a mount for routing cables through
- Ingress Protection level: IP66

Specification

Model	DS-2CC1281P(N)-VFIR3
Parameter	600 TVL CCD IR Bullet Camera (Vari-focal & Weather-proof)
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14

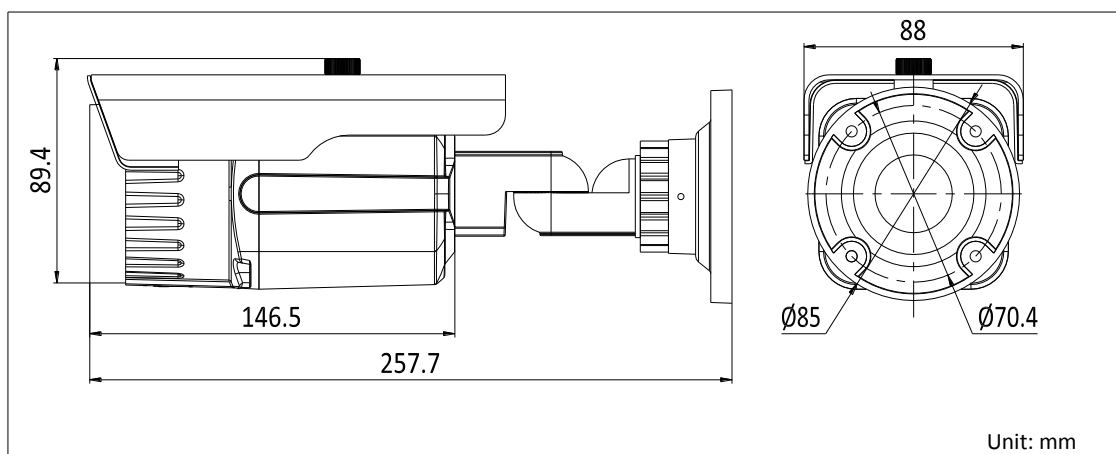
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	Electronic
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night/ EXT1/ EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	English/Chinese/ Korean/ Italian/ Russian/ Portuguese/ German/ French
Function	Smart IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 4.5 W
Ingress Protection level	IP66
IR Range	Approx. 30 to 40 meters
Dimension	88 × 89.4 × 257.7mm(φ 3.46" x 3.52" x 10.15")
Weight	1350g (2.97 lbs)

Order Models

DS-2CC1281P-VFIR3

DS-2CC1281N-VFIR3

Dimension



DS-2CC1281P(N)-AVFIR3(Under R&D)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Adopt a mount for routing cables through
- Ingress Protection level: IP66

Specification

Parameter	Model
	DS-2CC1281P(N)-AVFIR3
	600 TVL CCD IR Bullet Camera (ICR & Vari-focal & Weather-proof)
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Time	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°

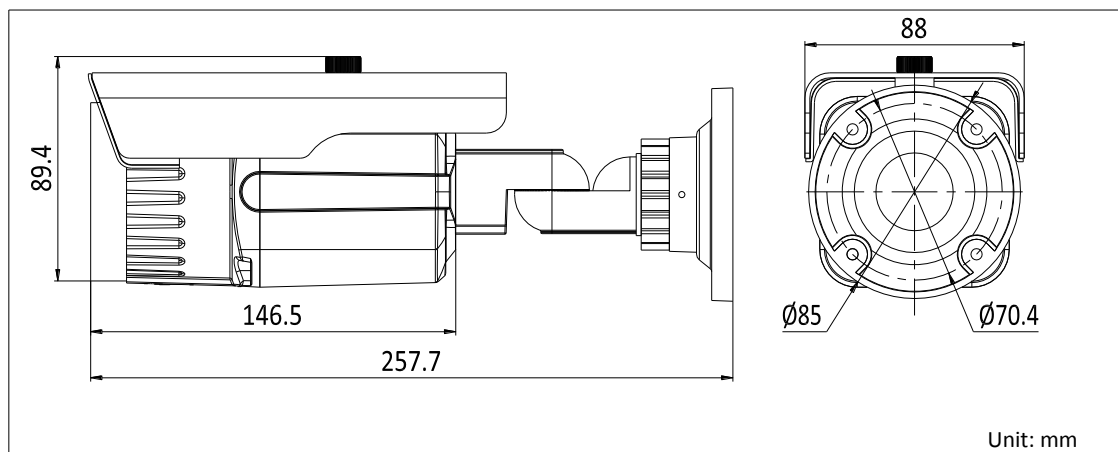
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night/ EXT1/ EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	English/Chinese/ Korean/ Italian/ Russian/ Portuguese/ German/ French
Function	Smart IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 7.5 W (Max. 8 W with IR cut filter on)
Ingress Protection level	IP66
IR Range	Approx. 30 to 40 meters
Dimension	88 × 89.4 × 257.7mm(φ 3.46" x 3.52" x 10.15")
Weight	1350g (2.97 lbs)

Order Models

DS-2CC1281P-AVFIR3

DS-2CC1281N-AVFIR3

Dimension



DS-2CC1283P-VFIR3(Under R&D)



Key Features

- Compact design
- new generation CCD with high sensitivity
- 3Digital Noise Reduction (3DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- OSD menu
- Support 2.8 - 12 mm lens
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Adopt a mount for routing cables through
- Ingress Protection level: IP66

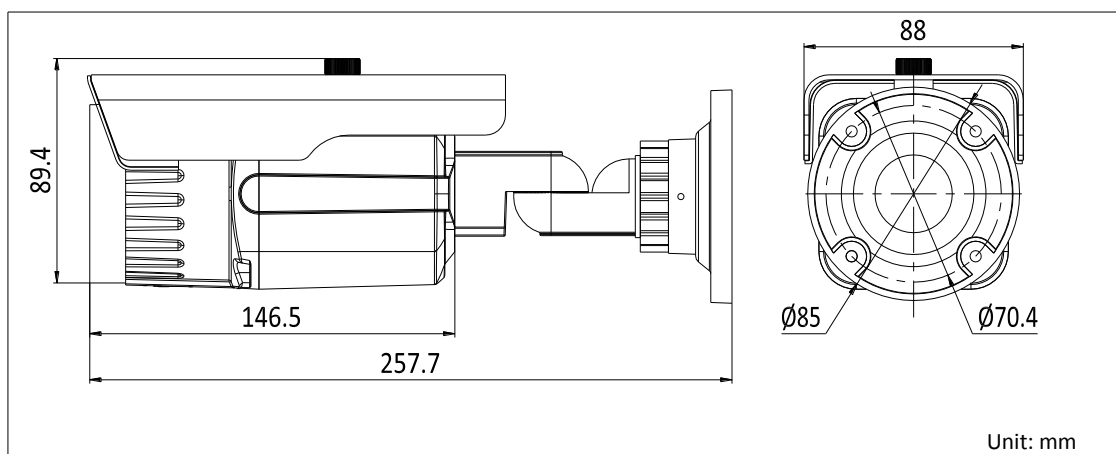
Specification

Model	DS-2CC1283P-VFIR3
Parameter	600 TVL CCD IR Bullet Camera (Vari-focal & Weather-proof)
Camera	
Image Sensor	1/3" CCD
Signal System	PAL
Effective Pixels	752 (H) × 582 (V)
Min. Illumination	0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Speed	1/50 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	Electronic

Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, adjusted position)
D/N Mode	Auto /Color/B&W/EX-CDS
Auto Gain	Low/Mid/High/Off
White Balance	ATW/ MANUAL/ AWC-PUSH/ AWC
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off, maximum 4 zones
BLC	BLC/HLI/D-WDR/OFF
3D-DNR	Low/Mid/High/Auto/Off
Language	English/ Chinese Si/ Chinese Tr/ Korean/ Japanese / Italian/ Russian/ Portuguese/ Spanish/ German/ French
Function	Sense-up, Mirror, Sharpness, GAMMA, LSC
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 4.5 W
Ingress Protection level	IP66
IR Range	Approx. 30 to 40 meters
Dimension	88 × 89.4 × 257.7mm(φ 3.46" x 3.52" x 10.15")
Weight	1350g (2.97 lbs)

Order Models

DS-2CC1283P-VFIR3

Dimension

DS-2CC1283P-AVFIR3(Under R&D)



Key Features

- Compact design
- new generation CCD with high sensitivity
- 3Digital Noise Reduction (3DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Adopt a mount for routing cables through
- Ingress Protection level: IP66

Specification

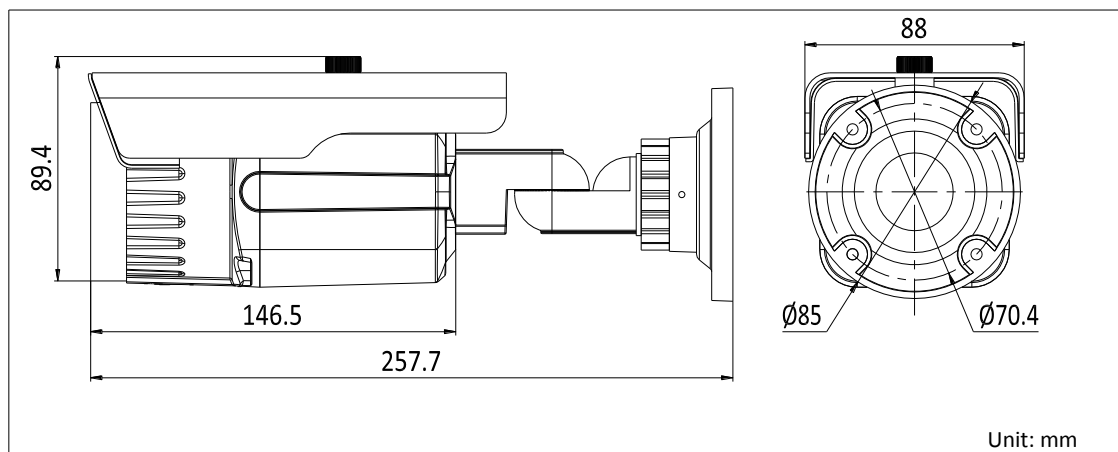
Parameter	Model	DS-2CC1283P-AVFIR3
		600 TVL CCD IR Bullet Camera (ICR & Vari-focal & Weather-proof)
Camera		
Image Sensor		1/3" CCD
Signal System		PAL
Effective Pixels		752 (H) × 582 (V)
Min. Illumination		0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Time		1/50 s to 1/100,000 s
Lens		2.8 - 12 mm @ F1.4
		Angle of view: 80° - 27.2°
Lens Mount		φ14
Auto Iris		DC drive

Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, adjusted position)
D/N Mode	Auto /Color/B&W/EX-CDS
Auto Gain	Low/Mid/High/Off
White Balance	ATW/ MANUAL/ AWC-PUSH/ AWC
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off, maximum 4 zones
BLC	BLC/HLI/D-WDR/OFF
3D-DNR	Low/Mid/High/Auto/Off
Language	English/ Chinese Si/ Chinese Tr/ Korean/ Japanese / Italian/ Russian/ Portuguese/ Spanish/ German/ French
Function	Sense-up, Mirror, Sharpness, GAMMA, LSC
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 7.5 W (Max. 8 W with IR cut filter on)
Ingress Protection level	IP66
IR Range	Approx. 30 to 40 meters
Dimension	88 × 89.4 × 257.7mm(φ 3.46" x 3.52" x 10.15")
Weight	1350g (2.97 lbs)

Order Models

DS-2CC1283P-AVFIR3

Dimension



DS-2CC5182P(N)-IR1(IR3)(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CC5182P(N)-IR1(IR3)
Parameter	600 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.002 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	"-IR1" series: 6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm) "-IR3" series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional) Angle of view: 22.72° (12 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°

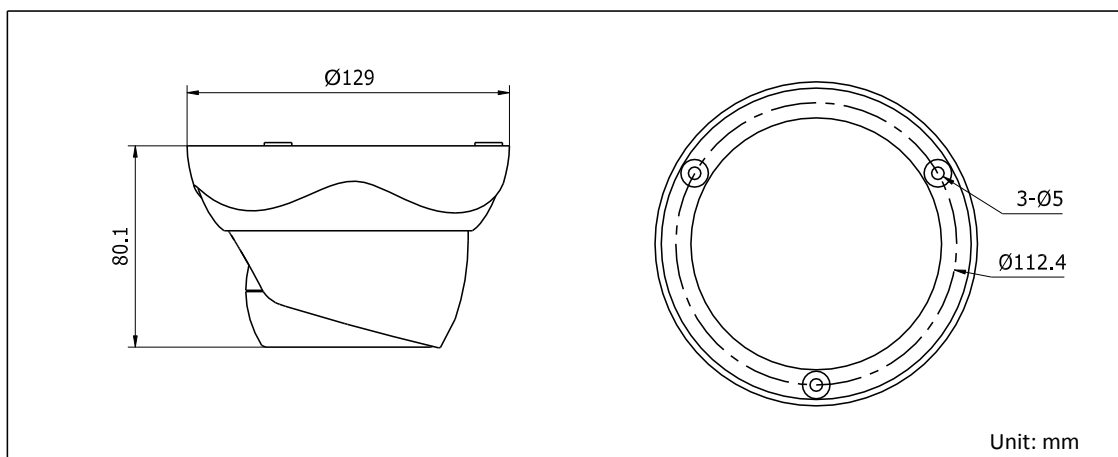
Day & Night	Electronic
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
BLC	On
General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 DC ± 10%
Power Consumption	IR1: Max. 3 W IR3: Max. 6 W
Ingress Protection	IP66
IR Range	"-IR1" series: approx 10 to 20 meters "-IR3" series: approx 30 to 40 meters
Dimensions	Φ 129 × 80.1 mm (Φ 5.08" × 3.15")
Weight	700 g (1.54 lbs)

Order Models

DS-2CC5182P-IR1 DS-2CC5182N-IR1

DS-2CC5182P-IR3 DS-2CC5182N-IR3

Dimensions



DS-2CC5182P(N)-IR1T(IR3T)(Released)



Key Features

- Compact design
- new generation CCD with high sensitivity
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

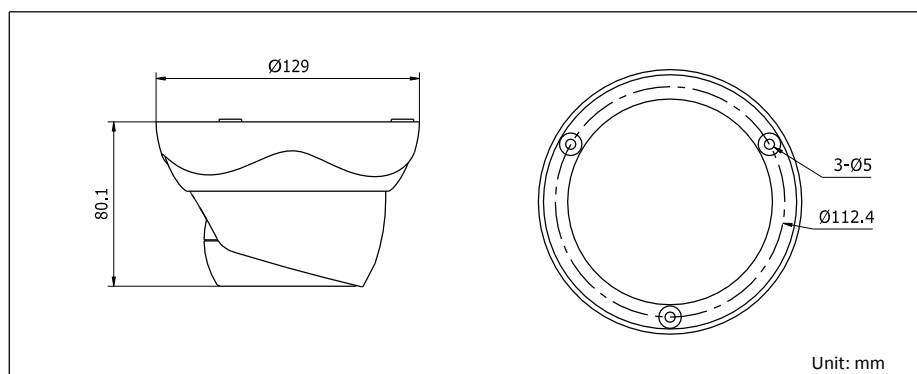
Model	DS-2CC5182P(N)- IR1T(IR3T)
Parameter	600 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.002 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	“-IR1T” series: 6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm) “-IR3T” series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional), Angle of view: 22.72° (12 mm)

Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	Electronic
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
SMART IR	On
3D-DNR	On
General	
Working temperature/ humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Ingress protection	IP66
IR Range	"-IR1T" series: approx 10 to 20 meters "-IR3T" series: approx 30 to 40 meters
Power Supply	12 V DC ± 10%
Power Consumption	IR1T: Max. 3 W IR3T: Max. 6 W
Dimensions	Φ 129 × 80.1 mm (Φ 5.08" × 3.15")
Weight	700 g (1.54 lbs)

Order Models

DS-2CC5182P-IR1T DS-2CC5182N-IR1T
DS-2CC5182P-IR3T DS-2CC5182N-IR3T

Dimensions



DS-2CC5181P(N)-VPIR(H)(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Smart IR mode
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

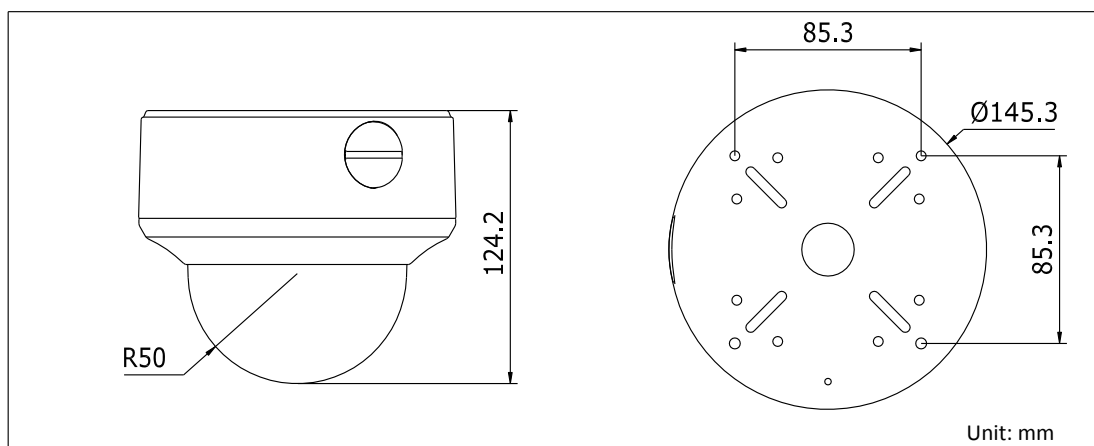
Parameter \ Model	DS-2CC5181P(N)-VPIR(H)
	600 TVL CCD ICR Weather-proof Vandal-proof IR Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)

Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: ± 90°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day/Night/EXT1/EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
BLC	Area/Intensity/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	SMART IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C - 60 °C (-40 °F - 140 °F) with heater and fan on
Power Supply	24 V AC ± 10%, 12 V DC ± 10% -H: 24 V AC ± 10%
Ingress Protection	IP66
Heater	-H: support
IR Range	-IR: approx 20 to 30 meters
Power Consumption	Max. 13 W -H: Max. 25W
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimensions	Φ 145.3 × 124.2 mm (Φ 5.72" × 4.89")
Weight	2000 g (4.40 lbs)

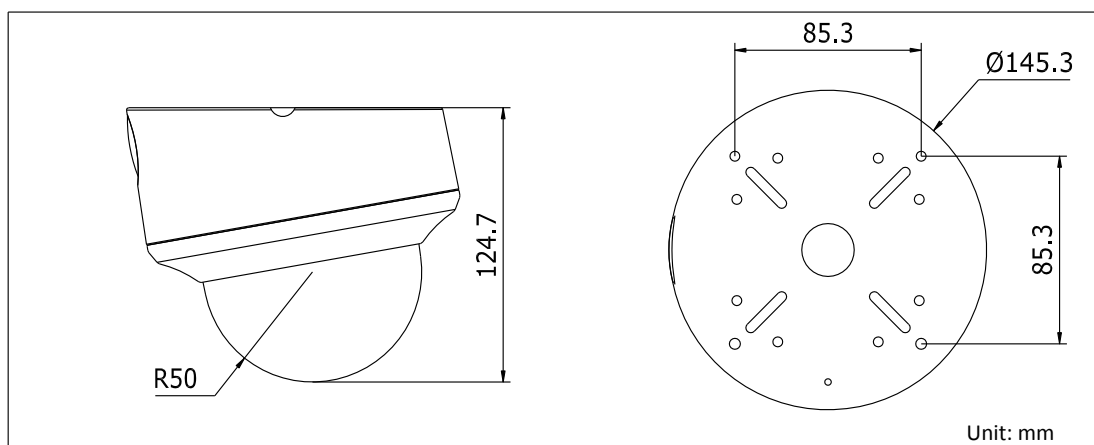
Order Models

DS-2CC5181P-VPIR	DS-2CC5181P-VPIRH
DS-2CC5181N-VPIR	DS-2CC5181N-VPIRH

Dimensions



Dimensions with DS-1240ZJ:



Accessories



Vandal-proof wall mount
DS-1229ZJ

Tilted wall-mount
DS-1240ZJ

Unify Pendant mount
DS-1242ZJ

Unify Pendant mount
DS-1243ZJ

DS-2CC5182P-VFIR3(Under R&D)



Key Features

- Compact design
- new generation CCD with high sensitivity
- 3Digital Noise Reduction (3DNR)
- Smart IR mode
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- Day/Night with auto switch
- Support 2.8 - 12 mm lens
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection level: IP66

Specification

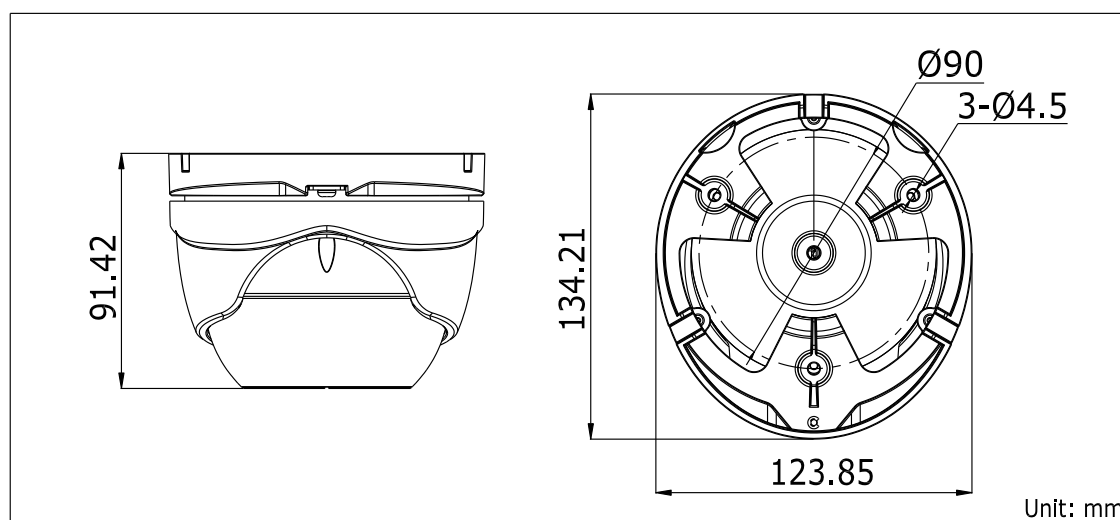
Model	DS-2CC5182P- VFIR3
Parameter	600 TVL CCD IR Dome Camera (Vari-focal & Weather-proof)
Camera	
Image Sensor	1/3" CCD
Signal System	PAL
Effective Pixels	752 (H) × 582 (V)
Min. Illumination	0.001Lux @ (F1.2,AGC ON),0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Speed	1/50 s to 1/100,000 s
Lens	2.8-12mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°

Day & Night	Electronic
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 62 dB
SMART IR	On
3D-DNR	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (-14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 4.5 W
Ingress Protection level	IP66
IR Range	Approx. 30 to 40 meters
Dimension	134.21 $\times$ 123.85 $\times$ 91.42mm(5.28" $\times$ 4.88" $\times$ 3.60")
Weight	800g (1.76l lbs)

Order Models

DS-2CC5182P-VFIR3

Dimension



DS-2CC5183P-VFIR3(Under R&D)



Key Features

- Compact design
- new generation CCD with high sensitivity
- 3Digital Noise Reduction (3DNR)
- Digital Wide Dynamic Range
- Eclipse
- Smart IR mode
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection level: IP66

Specification

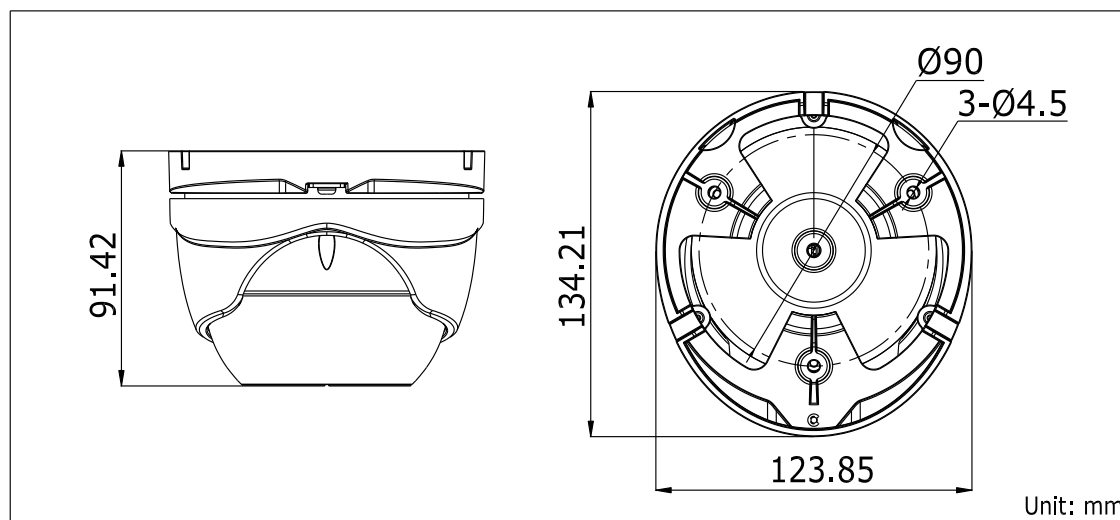
Parameter	Model
	DS-2CC5183P-VFIR3 600 TVL CCD IR Dome Camera (ICR & Vari-focal & Weather-proof)
Camera	
Image Sensor	1/3" CCD
Signal System	PAL
Effective Pixels	752 (H) × 582 (V)
Min. Illumination	0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Time	1/50 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4

	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, adjusted position)
D/N Mode	Auto /Color/B&W/EX-CDS
Auto Gain	Low/Mid/High/Off
White Balance	ATW/ MANUAL/ AWC-PUSH/ AWC
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off, maximum 4 zones
BLC	BLC/HLI/D-WDR/OFF
3D-DNR	Low/Mid/High/Auto/Off
Language	English/ Chinese Si/ Chinese Tr/ Korean/ Japanese / Italian/ Russian/ Portuguese/ Spanish/ German/ French
Function	Sense-up, Mirror, Sharpness, GAMMA, LSC
General	
Operating Conditions	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 5 W (Max. 5.5 W with IR cut filter on)
Ingress Protection level	IP66
IR Range	Approx. 30 to 40 meters
Dimension	134.21 × 123.85 × 91.42mm(5.28" × 4.88" × 3.60")
Weight	800g (1.76l lbs)

Order Models

DS-2CC5183P-VFIR3

Dimension



DS-2CC5281P(N)-AVPIR2(Under R&D)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

Parameter	Model
	DS-2CC5281P(N)-AVPIR2
	600 TVL CCD IR Dome Camera (ICR & Vari-focal & Weather-proof & Vandal-proof)
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL:752 (H) × 582 (V) NTSC:768 (H) × 494 (V)
Min. Illumination	0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

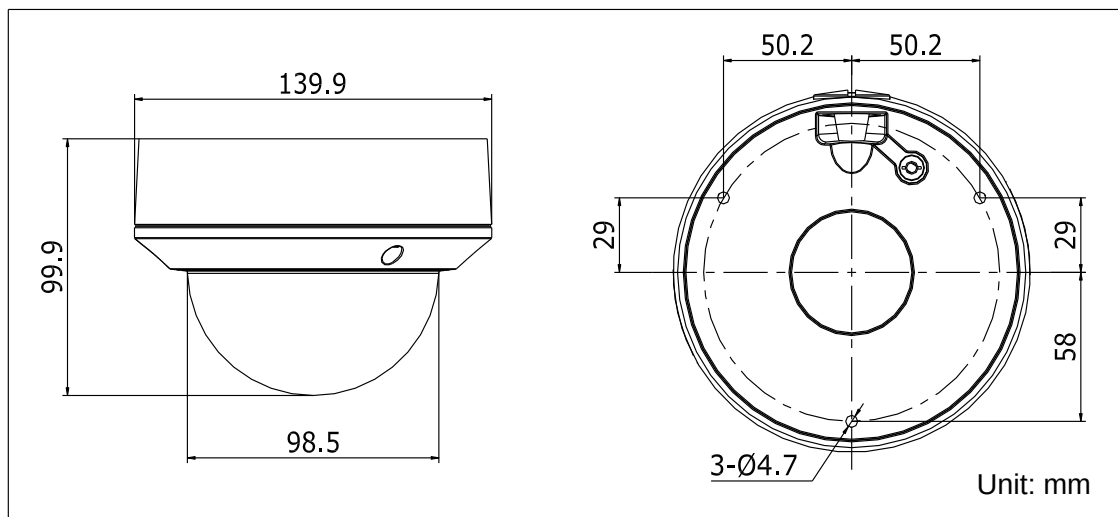
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night/ EXT1/ EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	English/Chinese/ Korean/ Italian/ Russian/ Portuguese/ German/ French
Function	Smart IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Ingress Protection level	IP66
IR Range	approx 20 to 30 meters
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimension	Φ 139.9 × 99.9 mm (Φ 5.51" × 3. 93")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5281P-AVPIR2

DS-2CC5281N-AVPIR2

Dimension



DS-2CC5283P-AVPIR2(Under R&D)



Key Features

- Compact design
- new generation CCD with high sensitivity
- 3Digital Noise Reduction (3DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Housing: Weather-proof IP66-rated
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

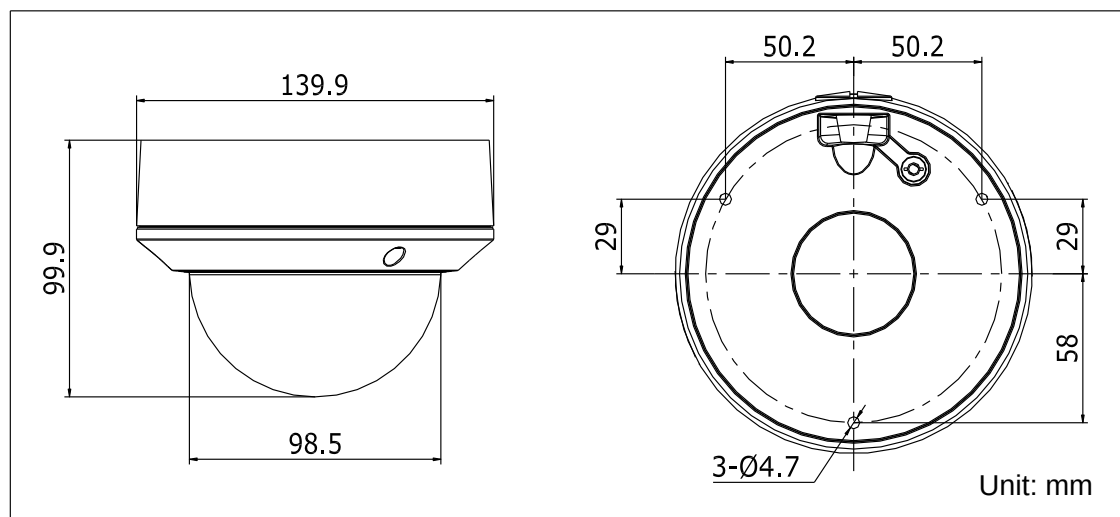
Parameter	Model
	DS-2CC5283P-AVPIR2
	600 TVL CCD IR Dome Camera (ICR & Vari-focal & Weather-proof & Vandal-proof)
Camera	
Image Sensor	1/3" CCD
Signal System	PAL
Effective Pixels	752 (H) × 582 (V)
Min. Illumination	0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Speed	1/50 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°

Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL (Color), 650 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, adjusted position)
D/N Mode	Auto /Color/B&W/EX-CDS
Auto Gain	Low/Mid/High/Off
White Balance	ATW/ MANUAL/ AWC-PUSH/ AWC
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off, maximum 4 zones
BLC	BLC/HLI/D-WDR/OFF
3D-DNR	Low/Mid/High/Auto/Off
Language	English/ Chinese Si/ Chinese Tr/ Korean/ Japanese / Italian/ Russian/ Portuguese/ Spanish/ German/ French
Function	Sense-up, Mirror, Sharpness, GAMMA, LSC
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Ingress Protection level	IP66
IR Range	approx 20 to 30 meters
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimension	Φ 139.9 × 99.9 mm (Φ 5.51" × 3. 93")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC5283P-AVPIR2

Dimension



650TVL IR Camera

DS-2CC1192P(N)-IR1(IR3)(IR5)(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66

Specification

Model	DS-2CC1192P(N)-IR1(IR3)(IR5)
Parameter	650 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.002 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	"-IR1" series: 6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm) "-IR3" series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional), Angle of view: 22.72° (12 mm) "-IR5" series: 16 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 12 mm optional), Angle of view: 16.4° (16 mm)
Lens Mount	M12

Day & Night	Electronic
Horizontal Resolution	650 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 62 dB
BLC	On
General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Ingress Protection	IP66
IR Range	"-IR1" series: approx 10 to 20 meters "-IR3" series: approx 30 to 40 meters "-IR5" series: approx 50 to 60 meters
Power Supply	12 V DC $\pm$ 10%
Power Consumption	IR1: Max. 3 W IR3: Max. 6 W IR5: Max. 8 W
Dimensions	IR1: 76.5×73.3×125.5 mm (3.01" × 2.89" × 4.94") IR3&IR5: 86.5 × 83 × 165.5 mm (3.41" × 3.27" × 6.52")
Weight	IR1: 600 g (1.32 lbs) IR3&IR5: 1000 g (2.20 lbs)

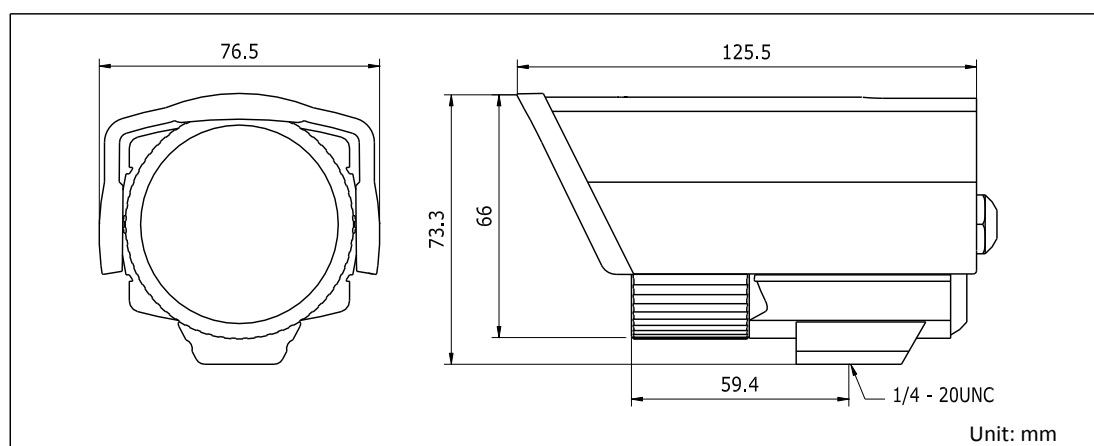
Order Models

DS-2CC1192P-IR1 DS-2CC1192N-IR1

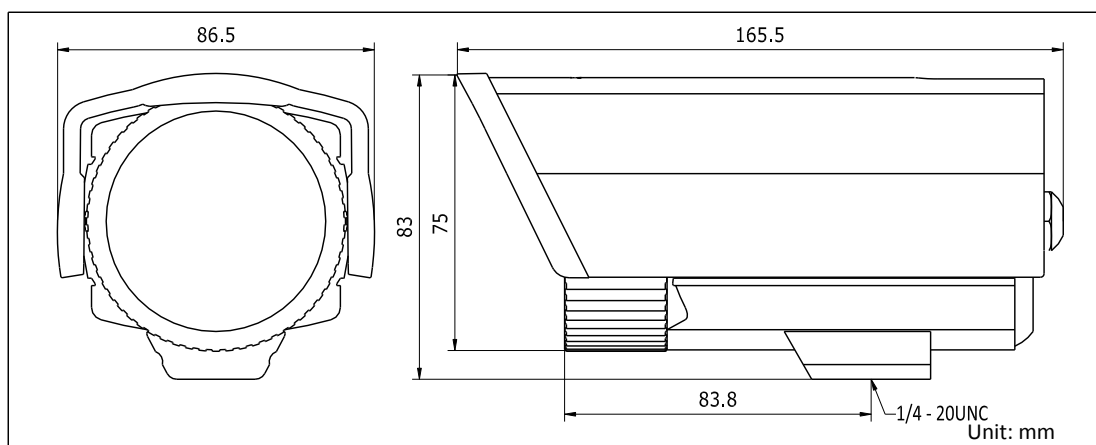
DS-2CC1192P-IR3 DS-2CC1192N-IR3

DS-2CC1192P-IR5 DS-2CC1192N-IR5

Dimensions



DS-2CC1192P(N)-IR1



DS-2CC1192P(N)-IR3(IR5)

Accessories



Indoor wall mount
DS-1212ZJ-S



door/outdoor wall mount
DS-1213ZJ-S

DS-2CC1192P(N)-IRA(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66

Specification

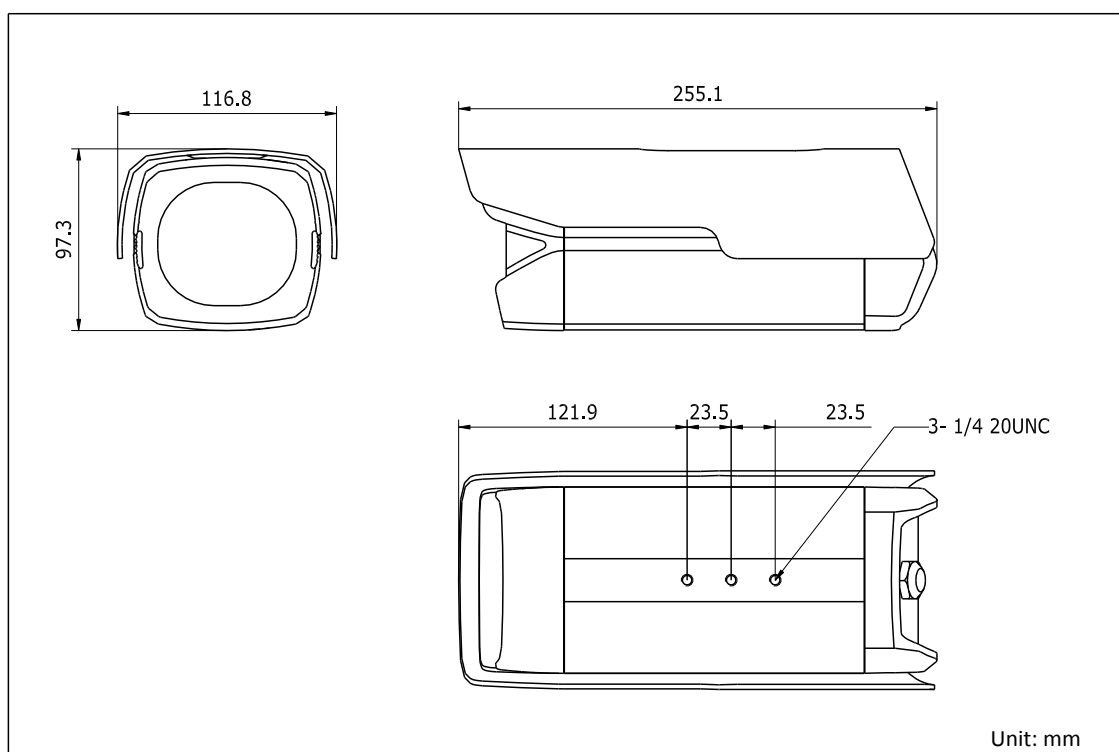
Model	DS-2CC1192P(N)-IRA
Parameter	650 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	25 mm @ F1.4 (16 mm optional)
	Angle of view: 13.5° (25 mm)
Lens Mount	CS mount
Day & Night	Electronic
Horizontal Resolution	650 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75Ω /BNC)
S/N Ratio	More than 62 dB
BLC	On

General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	AC24V ± 10%(DC12V±10% optional)
Power Consumption	Max. 15 W
Ingress Protection	IP66
IR Range	Approx 100 to 110 meters
Dimensions	116.8 × 97.3 × 255.1 mm (4.60" × 3.83" × 10.04")
Weight	2500 g (5.50 lbs)

Order Models

DS-2CC1192P-IRA DS-2CC1192N-IRA

Dimensions



Accessories

Outdoor wall mount
DS-1213ZJ-S

DS-2CC1191P(N)-VFIR(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Smart IR mode
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66

Specification

Model	DS-2CC1191P(N)-VFIR
	650 TVL CCD ICR Vari-focal Weather-proof IR Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14

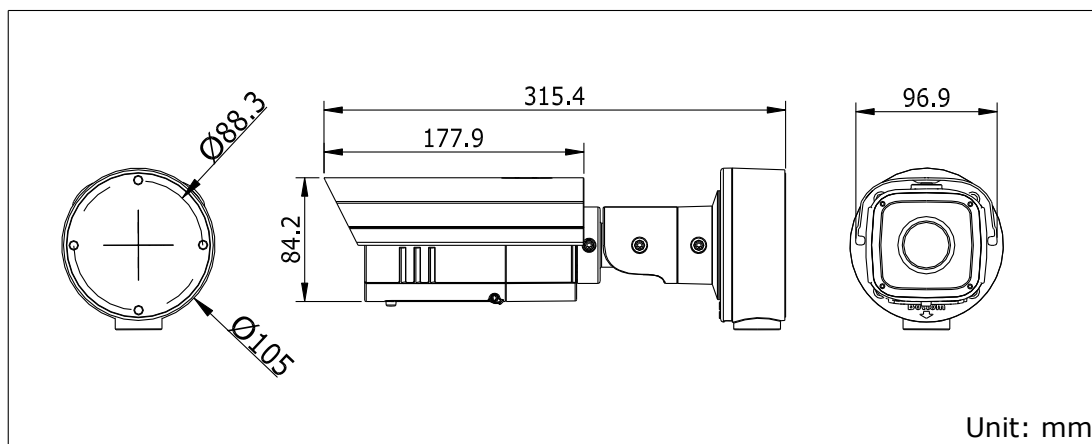
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day/Night/EXT1/EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	SMART IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Ingress Protection	IP66
IR Range	approx 20 to 30 meters
Power Consumption	Max. 9.5 W
Dimensions	96.9 x 84.2 x 315.4 mm (3.81" × 3.31" × 12.42")
Weight	2100 g (4.62 lbs)

Order Models

DS-2CC1191P- VFIR

DS-2CC1191N- VFIR

Dimensions



DS-2CC1195P(N)-VFIR(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66

Specification

Parameter \ Model	DS-2CC1195P(N)-VFIR
	650 TVL CCD Low Illumination ICR Vari-focal Weather-proof IR Bullet Camera
Camera	
Image Sensor	1/3" SONY EXview HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512), 0 Lux with IR

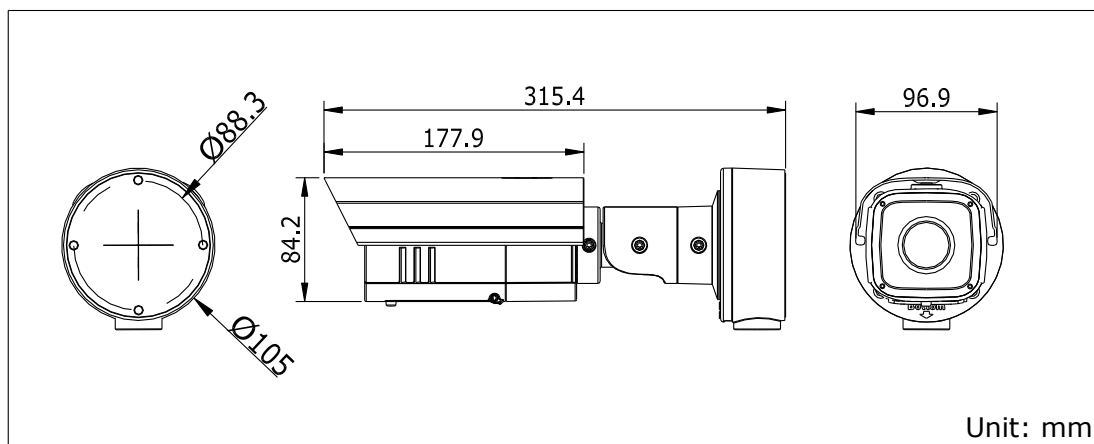
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Privacy Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
Anti-flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Ingress Protection	IP66
IR Range	approx 20 to 30 meters
Power Consumption	Max. 9.5 W
Dimensions	96.9 x 84.2 x 315.4 mm (3.81" × 3.31" × 12.42")
Weight	2100 g (4.62 lbs)

Order Models

DS-2CC1195P- VFIR

DS-2CC1195N- VFIR

Dimensions



DS-2CC1197P(N)-VFIR(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66

Specification

Parameter \ Model	DS-2CC1197P(N)-VFIR
	650 TVL CCD WDR ICR Vari-focal Weather-proof IR Bullet Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512), 0 Lux with IR

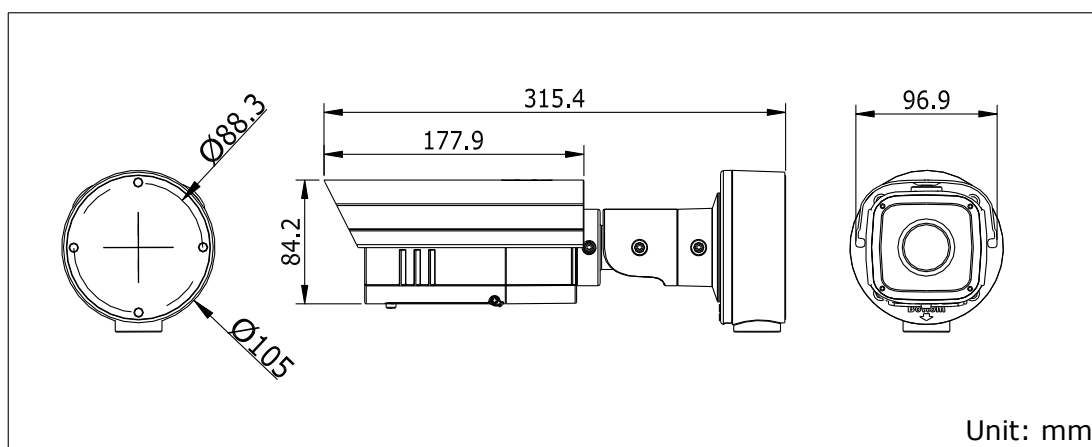
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Wide Dynamic Range	75 dB
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Privacy Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
WDR	Value/Contrast/Return
Anti-flicker	On/Off
Language	English/Chinese
Function	SMART IR, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Ingress Protection	IP66
IR Range	approx 20 to 30 meters
Power Consumption	Max. 9.5 W
Dimensions	96.9 x 84.2 x 315.4 mm (3.81" × 3.31" × 12.42")
Weight	2100 g (4.62 lbs)

Order Models

DS-2CC1197P- VFIR

DS-2CC1197N- VFIR

Dimensions



DS-2CC5192P(N)-IR1(IR3)(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CC5192P(N)-IR1(IR3)
Parameter	650 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.002 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	"-IR1" series: 6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm) "-IR3" series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional) Angle of view: 22.72° (12 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°

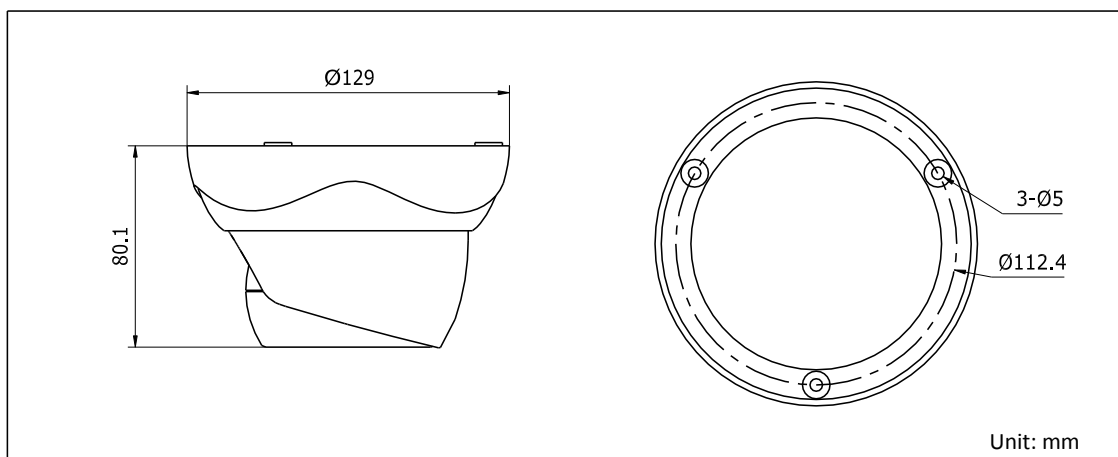
Day & Night	Electronic
Horizontal Resolution	650 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 62 dB
BLC	On
General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 DC $\pm$ 10%
Power Consumption	IR1: Max. 3 W IR3: Max. 6 W
Ingress Protection	IP66
IR Range	"-IR1" series: approx 10 to 20 meters "-IR3" series: approx 30 to 40 meters
Dimensions	Φ 129 $\times$ 80.1 mm (ϕ 5.08" $\times$ 3.15")
Weight	700 g (1.54 lbs)

Order Models

DS-2CC5192P-IR1 DS-2CC5192N-IR1

DS-2CC5192P-IR3 DS-2CC5192N-IR3

Dimensions



DS-2CC5191P(N)-VPIR(H)(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Smart IR mode
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001 Lux @ F1.2, 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

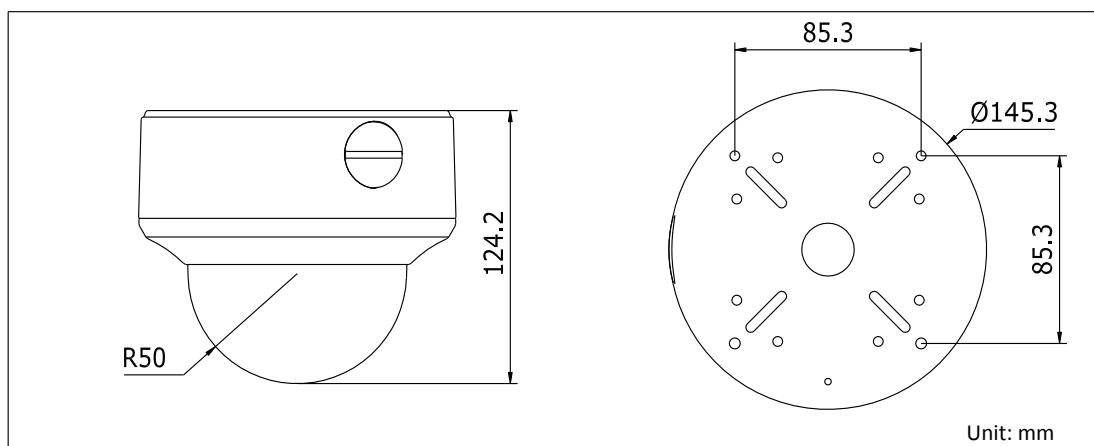
Parameter \ Model	DS-2CC5191P(N)-VPIR(H)
	650 TVL CCD ICR Weather-proof Vandal-proof IR Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)

Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4 Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: ± 90°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day/Night/EXT1/EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
BLC	Area/Intensity/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Function	SMART IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C - 60 °C (-40 °F - 140 °F) with heater and fan on
Power Supply	24 V AC ± 10%, 12 V DC ± 10% -H: 24 V AC ± 10%
Ingress Protection	IP66
Heater	-H: support
IR Range	-IR: approx 20 to 30 meters
Power Consumption	Max. 13 W -H: Max. 25W
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimensions	Φ 145.3 × 124.2 mm (Φ 5.72" × 4.89")
Weight	2000 g (4.40 lbs)

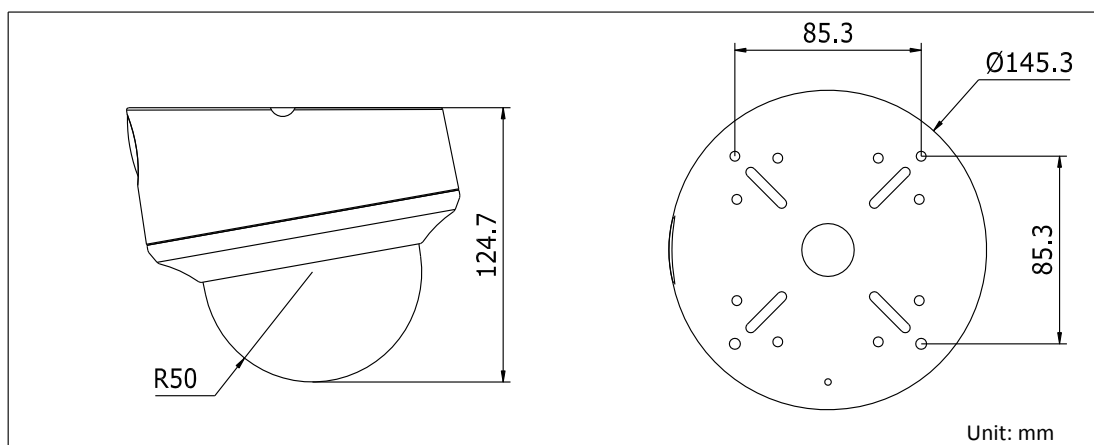
Order Models

DS-2CC5191P-VPIR	DS-2CC5191P-VPIRH
DS-2CC5191N-VPIR	DS-2CC5191N-VPIRH

Dimensions



Dimensions with DS-1240ZJ:



Accessories



Vandal-proof wall mount
DS-1229ZJ



Tilted wall-mount
DS-1240ZJ



Unify Pendant mount
DS-1242ZJ



Unify Pendant mount
DS-1243ZJ

DS-2CC5195P(N)-VPIR(H)(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 , 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

Parameter	Model
	DS-2CC5195P(N)-VPIR(H) 650 TVL CCD Low Illumination ICR Weather-proof Vandal-proof IR Dome Camera
Camera	
Image Sensor	1/3" SONY EXView HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V)

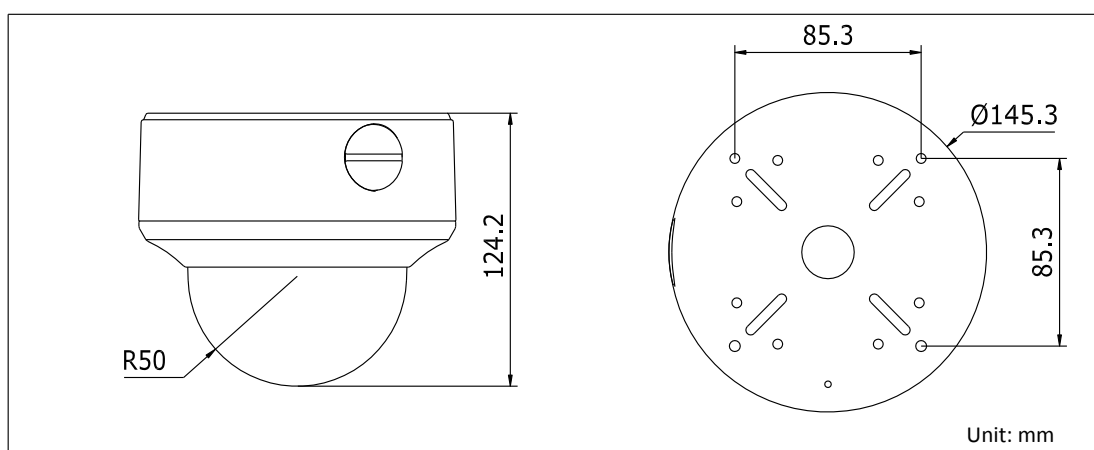
	NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: ± 90°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Privacy Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
Anti-flicker	On/Off
Language	English/Chinese
Function	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C - 60 °C (-40 °F - 140 °F) with heater and fan on
Power Supply	24 V AC ± 10%, 12 V DC ± 10% -H: 24 V AC ± 10%
Ingress Protection	IP66
Heater	-H: support
IR Range	-IR: approx 20 to 30 meters

Power Consumption	Max. 13 W -H: Max. 25 W
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimensions	Φ 145.3 × 124.2 mm (Φ 5.72" × 4.89")
Weight	2000 g (4.40 lbs)

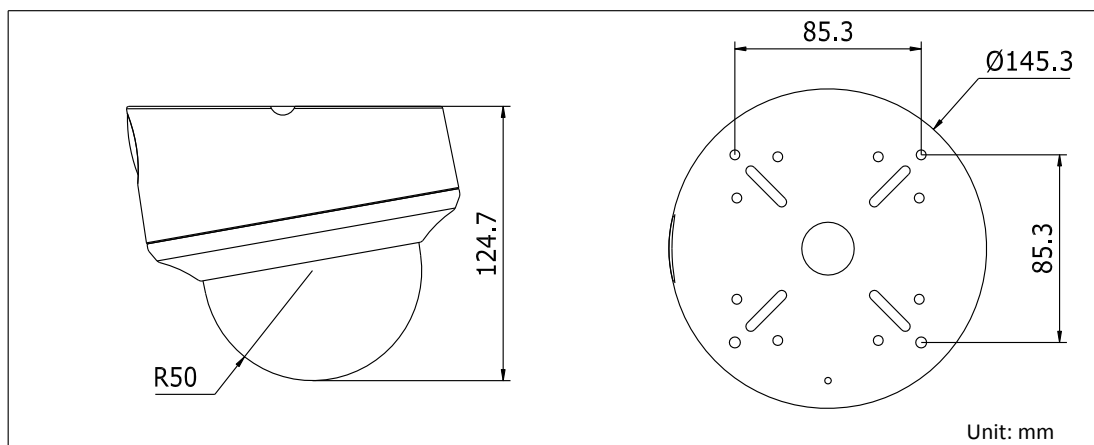
Order Models

DS-2CC5195P-VPIR DS-2CC5195P-VPIRH
DS-2CC5195N-VPIR DS-2CC5195N-VPIRH

Dimensions



Dimensions with DS-1240ZJ:



Accessories

Vandal-proof wall mount
DS-1229ZJ



Tilted wall-mount
DS-1240ZJ



Unify Pendant mount
DS-1242ZJ



Unify Pendant mount
DS-1243ZJ

DS-2CC5197P(N)-VPIR(H)(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 , 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

Parameter	Model
	DS-2CC5197P(N)-VPIR(H) 650 TVL CCD WDR ICR Weather-proof Vandal-proof IR Dome Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V)

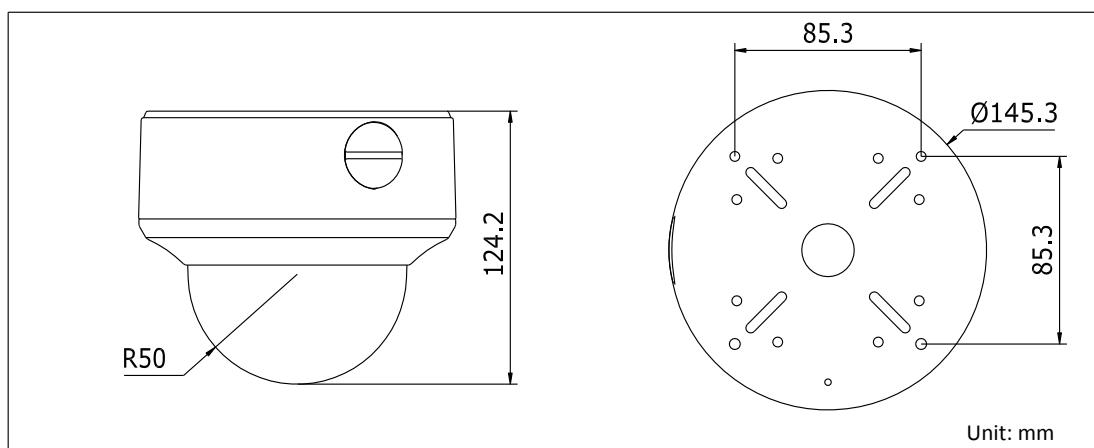
	NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: ± 90°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Wide Dynamic Range	75 dB
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Privacy Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
WDR	Value/Contrast/Return
Anti-flicker	On/Off
Language	English/Chinese
Function	SMART IR, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C - 60 °C (-40 °F - 140 °F) with heater and fan on
Power Supply	24 V AC ± 10%, 12 V DC ± 10% -H: 24 V AC ± 10%
Ingress Protection	IP66
Heater	-H: support

IR Range	-IR: approx 20 to 30 meters
Power Consumption	Max. 13 W -H: Max. 25 W
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimensions	Φ 145.3 × 124.2 mm (Φ 5.72" × 4.89")
Weight	2000 g (4.40 lbs)

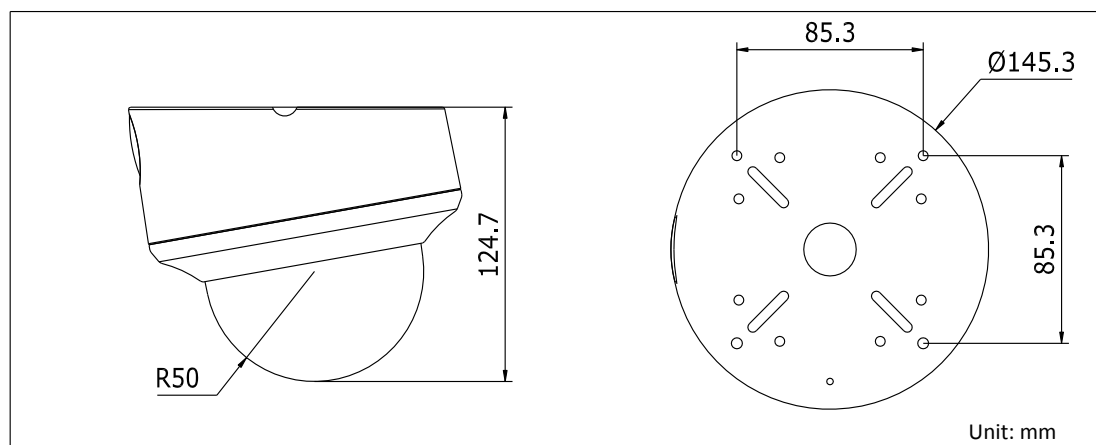
Order Models

DS-2CC5197P-VPIR DS-2CC5197P-VPIRH
DS-2CC5197N-VPIR DS-2CC5197N-VPIRH

Dimensions



Dimensions with DS-1240ZJ:



Accessories



Vandal-proof wall mount
DS-1229ZJ



Tilted wall-mount
DS-1240ZJ



Unify Pendant mount
DS-1242ZJ



Unify Pendant mount
DS-1243ZJ

700TVL IR Camera

DS-2CC11A2P(N)-IR1(IR3)(IR5)(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66

Specification

Model	DS-2CC11A2P(N)-IR1(IR3)(IR5)
Parameter	700 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.002 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	"-IR1" series: 6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm) "-IR3" series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional), Angle of view: 22.72° (12 mm) "-IR5" series: 16 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 12 mm optional), Angle of view: 16.4° (16 mm)
Lens Mount	M12

Day & Night	Electronic
Horizontal Resolution	700 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 62 dB
BLC	On
General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Ingress Protection	IP66
IR Range	"-IR1" series: approx 10 to 20 meters "-IR3" series: approx 30 to 40 meters "-IR5" series: approx 50 to 60 meters
Power Supply	12 V DC $\pm$ 10%
Power Consumption	IR1: Max. 3 W IR3: Max. 6 W IR5: Max. 8 W
Dimensions	IR1: 76.5×73.3×125.5 mm (3.01" × 2.89" × 4.94") IR3&IR5: 86.5 × 83 × 165.5 mm (3.41" × 3.27" × 6.52")
Weight	IR1: 600 g (1.32 lbs) IR3&IR5: 1000 g (2.20 lbs)

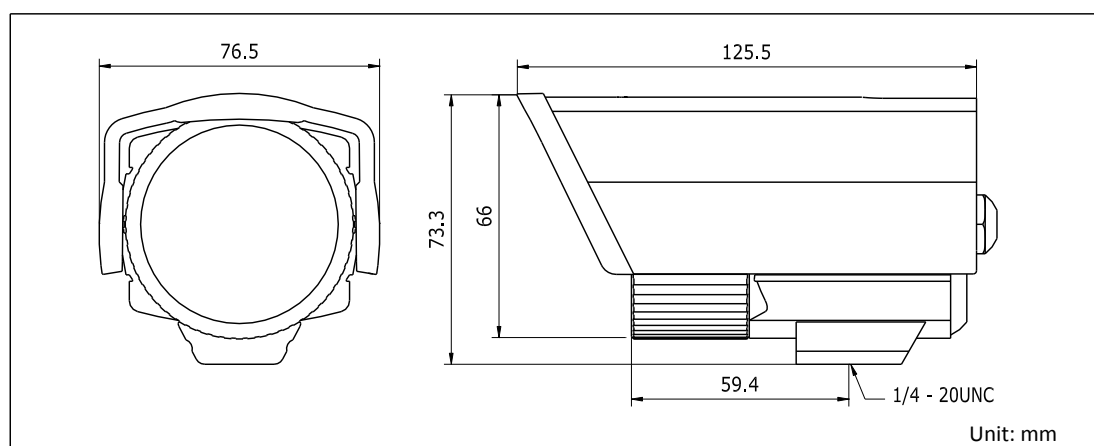
Order Models

DS-2CC11A2P-IR1 DS-2CC11A2N-IR1

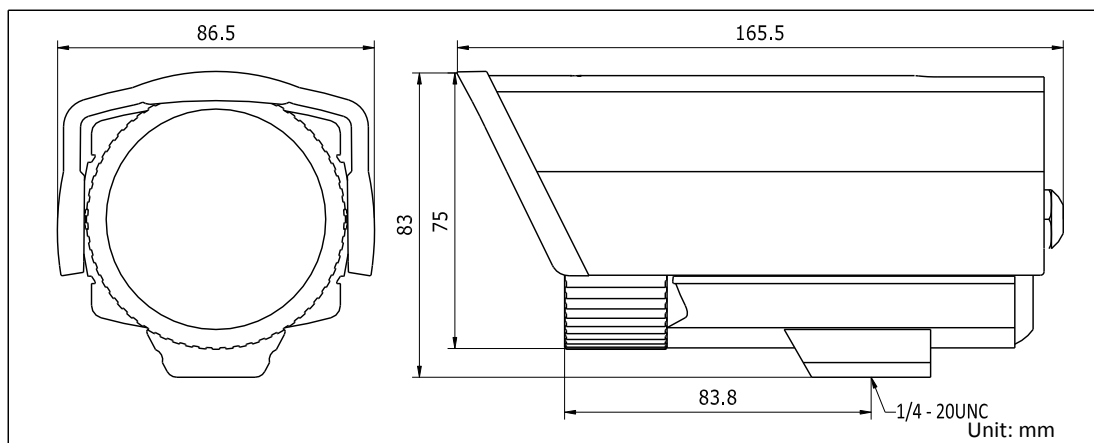
DS-2CC11A2P-IR3 DS-2CC11A2N-IR3

DS-2CC11A2P-IR5 DS-2CC11A2N-IR5

Dimensions



DS-2CC11A2P(N)-IR1



DS-2CC11A2P(N)-IR3(IR5)

Accessories



Indoor wall mount
DS-1212ZJ-S



door/outdoor wall mount
DS-1213ZJ-S

DS-2CC11A2P(N)-IRA(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66

Specification

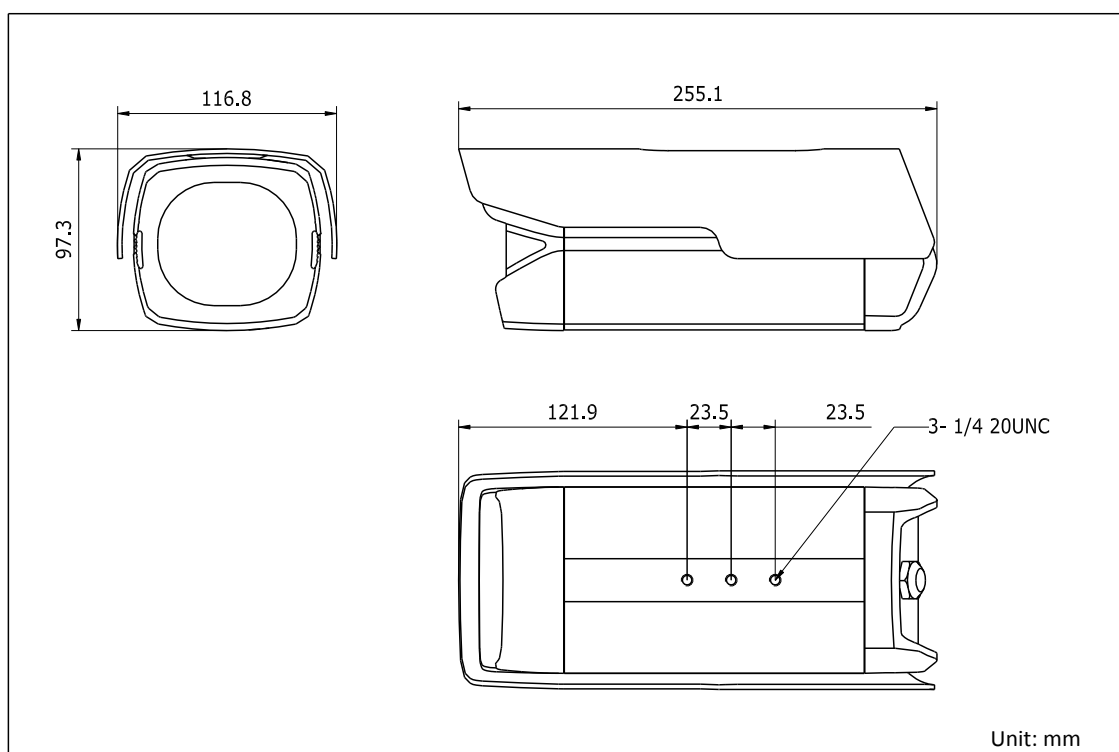
Model	DS-2CC11A2P(N)-IRA
Parameter	700 TVL CCD IR Weather-proof Bullet Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	25 mm @ F1.4 (16 mm optional)
	Angle of view: 13.5° (25 mm)
Lens Mount	CS mount
Day & Night	Electronic
Horizontal Resolution	700 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75Ω /BNC)
S/N Ratio	More than 62 dB
BLC	On

General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	AC24V ± 10%(DC12V±10% optional)
Power Consumption	Max. 15 W
Ingress Protection	IP66
IR Range	Approx 100 to 110 meters
Dimensions	116.8 × 97.3 × 255.1 mm (4.60" × 3.83" × 10.04")
Weight	2500 g (5.50 lbs)

Order Models

DS-2CC11A2P-IRA DS-2CC11A2N-IRA

Dimensions



Accessories

Indoor wall mount
DS-1212ZJ-S



Outdoor wall mount
DS-1213ZJ-S

DS-2CC11A1P(N)-VFIR(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Smart IR mode
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66

Specification

Model	1/3" SONY CCD
	700 TVL CCD ICR Vari-focal Weather-proof IR Bullet Camera
Camera	
Image Sensor	1/3" SONY EXview HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14

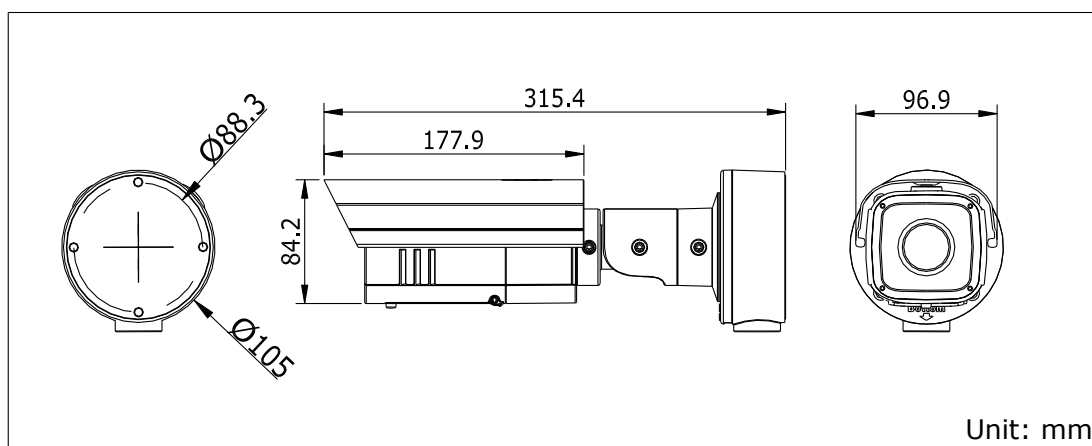
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day/Night/EXT1/EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Video	SMART IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Ingress Protection	IP66
IR Range	approx 20 to 30 meters
Power Consumption	Max. 9.5 W
Dimensions	96.9 x 84.2 x 315.4 mm (3.81" × 3.31" × 12.42")
Weight	2100 g (4.62 lbs)

Order Models

DS-2CC11A1P- VFIR

DS-2CC11A1N- VFIR

Dimensions



DS-2CC11A5P(N)-VFIR(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66

Specification

Parameter \ Model	DS-2CC11A5P(N)-VFIR
	700 TVL CCD Low Illumination ICR Vari-focal Weather-proof IR Bullet Camera
Camera	
Image Sensor	1/3" SONY EXview HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512), 0 Lux with IR

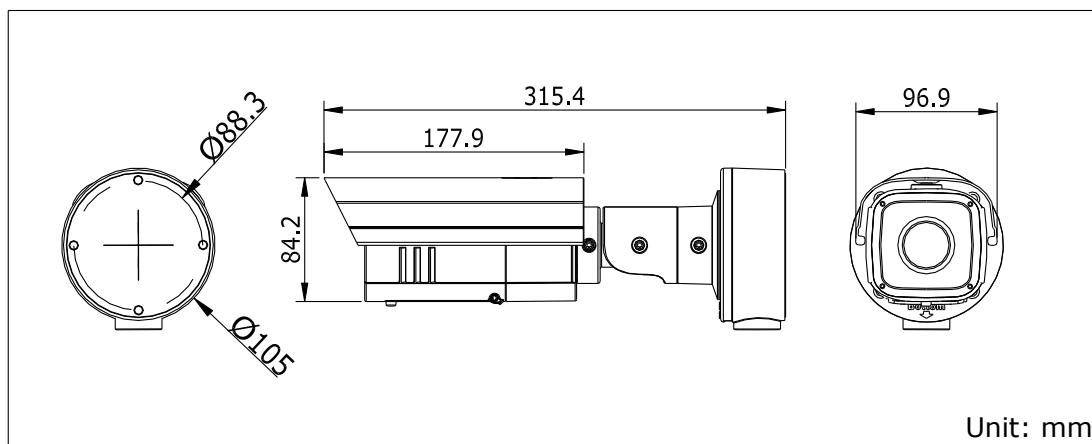
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Privacy Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
Anti-flicker	On/Off
Language	English/Chinese
Video	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Ingress Protection	IP66
IR Range	approx 20 to 30 meters
Power Consumption	Max. 9.5 W
Dimensions	96.9 x 84.2 x 315.4 mm (3.81" × 3.31" × 12.42")
Weight	2100 g (4.62 lbs)

Order Models

DS-2CC11A5P- VFIR

DS-2CC11A5N- VFIR

Dimensions



DS-2CC11A7P(N)-VFIR(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66

Specification

Parameter \ Model	DS-2CC11A7P(N)-VFIR
	700 TVL CCD WDR ICR Vari-focal Weather-proof IR Bullet Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 512), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 512), 0 Lux with IR

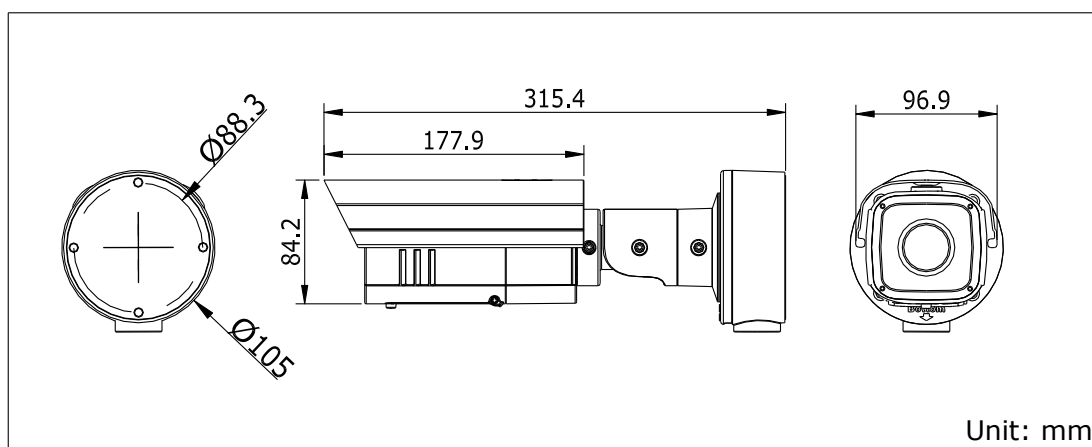
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Wide Dynamic Range	75 dB
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Privacy Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
WDR	Value/Contrast/Return
Anti-flicker	On/Off
Language	English/Chinese
Video	SMART IR, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Ingress Protection	IP66
IR Range	approx 20 to 30 meters
Power Consumption	Max. 9.5 W
Dimensions	96.9 x 84.2 x 315.4 mm (3.81" × 3.31" × 12.42")
Weight	2100 g (4.62 lbs)

Order Models

DS-2CC11A7P- VFIR

DS-2CC11A7N- VFIR

Dimensions



DS-2CC12A1P(N)-VFIR3(Under R&D)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- OSD menu
- Support 2.8 - 12 mm lens
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Adopt a mount for routing cables through
- Ingress Protection level: IP66

Specification

Model	DS-2CC12A1P(N)-VFIR3
Parameter	700 TVL CCD IR Bullet Camera (Vari-focal & Weather-proof)
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14

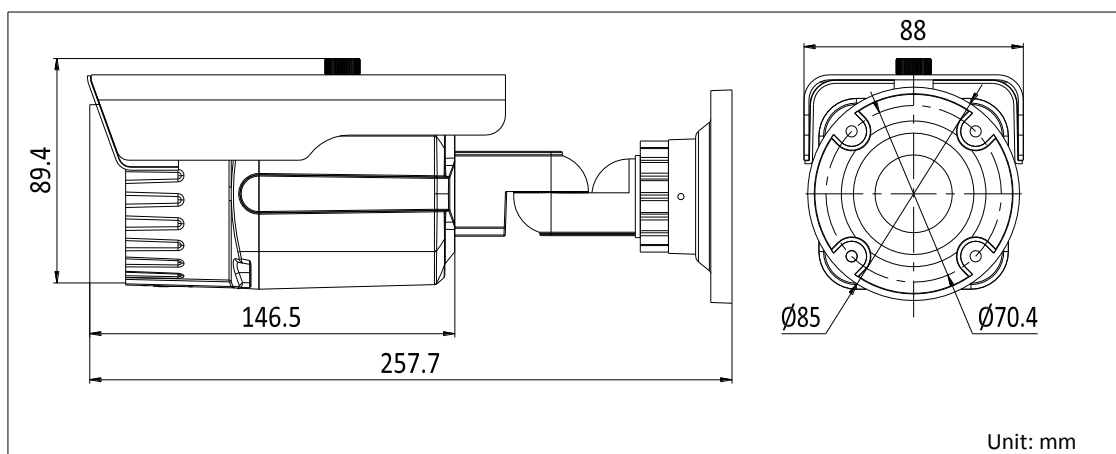
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	Electronic
Horizontal Resolution	700 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night/ EXT1/ EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	English/Chinese/ Korean/ Italian/ Russian/ Portuguese/ German/ French
Function	Smart IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 4.5 W
Ingress Protection level	IP66
IR Range	Approx. 30 to 40 meters
Dimension	88 × 89.4 × 257.7mm(φ 3.46" x 3.52" x 10.15")
Weight	1350g (2.97 lbs)

Order Models

DS-2CC12A1P-VFIR3

DS-2CC12A1N-VFIR3

Dimension



DS-2CC12A1P(N)-AVFIR3(Under R&D)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Adopt a mount for routing cables through
- Ingress Protection level: IP66

Specification

Parameter	Model
	DS-2CC12A1P(N)-AVFIR3
	700 TVL CCD IR Bullet Camera (ICR & Vari-focal & Weather-proof)
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Time	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°

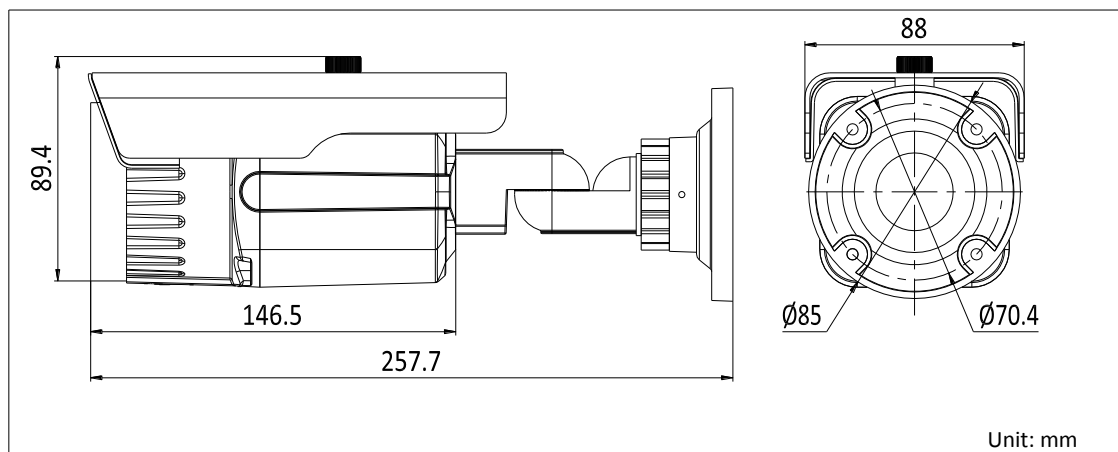
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night/ EXT1/ EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	English/Chinese/ Korean/ Italian/ Russian/ Portuguese/ German/ French
Function	Smart IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 7.5 W (Max. 8 W with IR cut filter on)
Ingress Protection level	IP66
IR Range	Approx. 30 to 40 meters
Dimension	88 × 89.4 × 257.7mm(φ 3.46" x 3.52" x 10.15")
Weight	1350g (2.97 lbs)

Order Models

DS-2CC12A1P-AVFIR3

DS-2CC12A1N-AVFIR3

Dimension



DS-2CC51A2P(N)-IR1(IR3)(Released)



Key Features

- Compact design
- SONY CCD
- Min. illumination: 0.001 Lux @ F1.2 (0 Lux with IR)
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CC51A2P(N)-IR1(IR3)
Parameter	700 TVL CCD IR Weather-proof Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.002 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	"-IR1" series: 6 mm @ F1.8 (3.6 mm, 2.8 mm optional) Angle of view: 47° (6 mm) "-IR3" series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm, 16 mm optional) Angle of view: 22.72° (12 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°

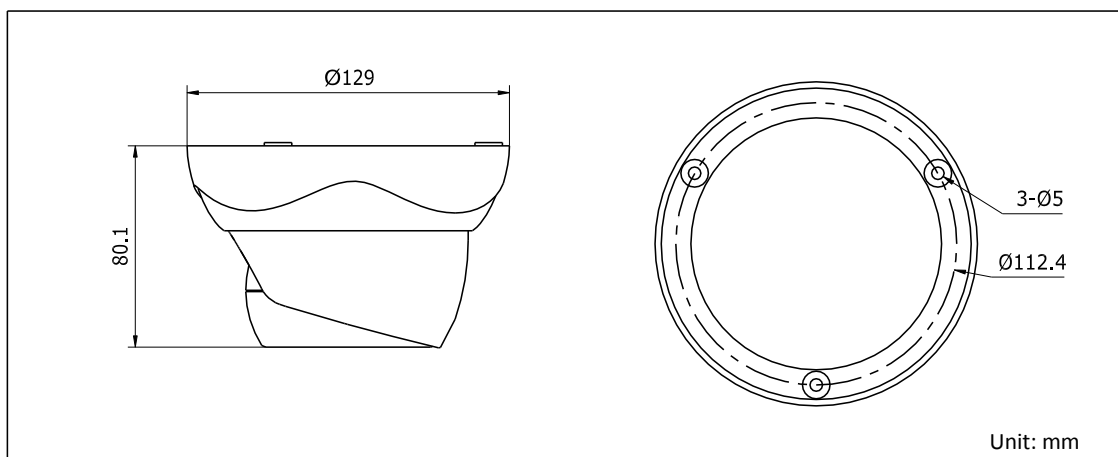
Day & Night	Electronic
Horizontal Resolution	700 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 62 dB
BLC	On
General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 DC $\pm$ 10%
Power Consumption	IR1: Max. 3 W IR3: Max. 6 W
Ingress Protection	IP66
IR Range	"-IR1" series: approx 10 to 20 meters "-IR3" series: approx 30 to 40 meters
Dimensions	Φ 129 $\times$ 80.1 mm (ϕ 5.08" $\times$ 3.15")
Weight	700 g (1.54 lbs)

Order Models

DS-2CC51A2P-IR1 DS-2CC51A2N-IR1

DS-2CC51A2P-IR3 DS-2CC51A2N-IR3

Dimensions



DS-2CC51A1P(N)-VPIR(H)(Released)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction (DNR)
- Smart IR mode
- Digital Wide Dynamic Range
- Eclipse
- Min. illumination: 0.001 Lux @ F1.2 , 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

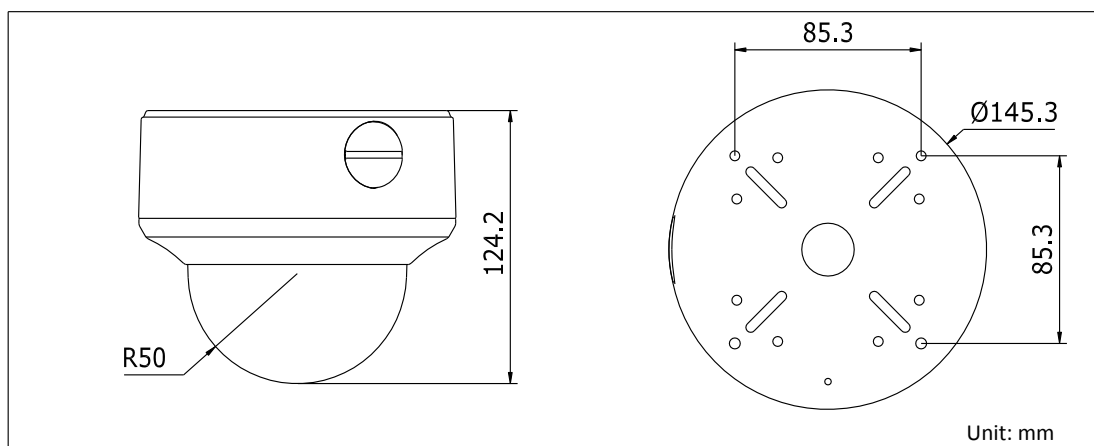
Parameter \ Model	DS-2CC51A1P(N)-VPIR(H)
	700 TVL CCD ICR Weather-proof Vandal-proof IR Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)

Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: ± 90°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day/Night/EXT1/EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
BLC	Area/Intensity/Off
Language	Chinese/ English/ Japanese/ German/ French/ Russian/ Portuguese/ Spanish
Video	SMART IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C - 60 °C (-40 °F - 140 °F) with heater and fan on
Power Supply	24 V AC ± 10%, 12 V DC ± 10% -H: 24 V AC ± 10%
Ingress Protection	IP66
Heater	-H: support
IR Range	-IR: approx 20 to 30 meters
Power Consumption	Max. 13 W -H: Max. 25W
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimensions	Φ 145.3 × 124.2 mm (Φ 5.72" × 4.89")
Weight	2000 g (4.40 lbs)

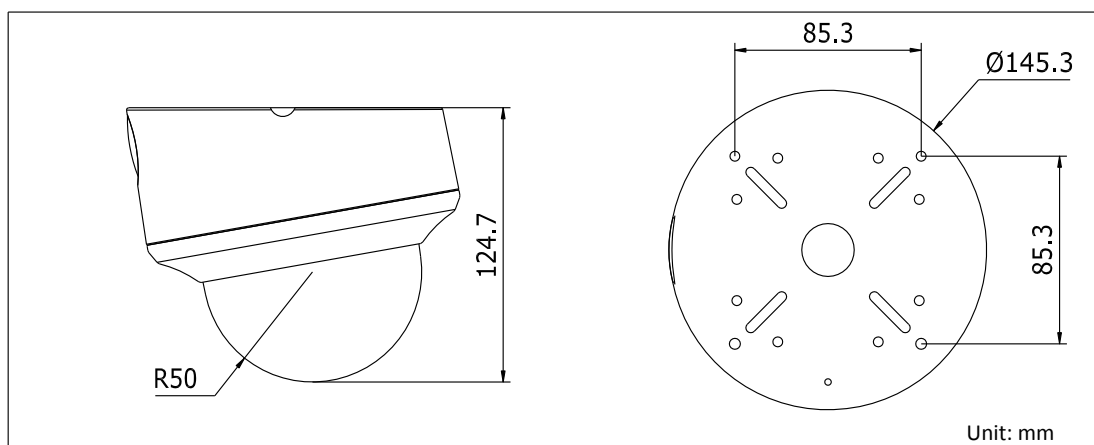
Order Models

DS-2CC51A1P-VPIR	DS-2CC51A1P-VPIRH
DS-2CC51A1N-VPIR	DS-2CC51A1N-VPIRH

Dimensions



Dimensions with DS-1240ZJ:



Accessories



Vandal-proof wall mount
DS-1229ZJ

Tilted wall-mount
DS-1240ZJ

Unify Pendant mount
DS-1242ZJ

Unify Pendant mount
DS-1243ZJ

DS-2CC51A5P(N)-VPIR(H)(Released)



Key Features

- Compact design
- SONY EXView HAD CCD II
- Flickerless mode
- 3D-Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 , 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

Parameter	Model	DS-2CC51A5P(N)-VPIR(H)
		700 TVL CCD Low Illumination ICR Weather-proof Vandal-proof IR Dome Camera
Camera		
Image Sensor		1/3" SONY EXView HAD CCD II
Signal System		PAL/NTSC
Effective Pixels		PAL: 976 (H) × 582 (V)

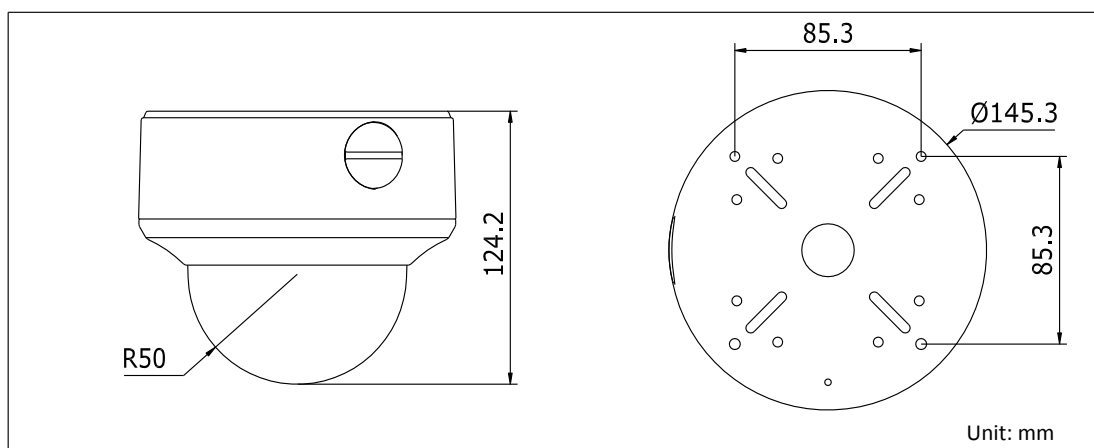
	NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 256), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 256), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: ± 90°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Privacy Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
Anti-flicker	On/Off
Language	English/Chinese
Video	SMART IR, Digital Wide Dynamic Range, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , IR Standard , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C - 60 °C (-40 °F - 140 °F) with heater and fan on
Power Supply	24 V AC ± 10%, 12 V DC ± 10% -H: 24 V AC ± 10%
Ingress Protection	IP66
Heater	-H: support
IR Range	-IR: approx 20 to 30 meters

Power Consumption	Max. 13 W -H: Max. 25 W
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimensions	Φ 145.3 × 124.2 mm (Φ 5.72" × 4.89")
Weight	2000 g (4.40 lbs)

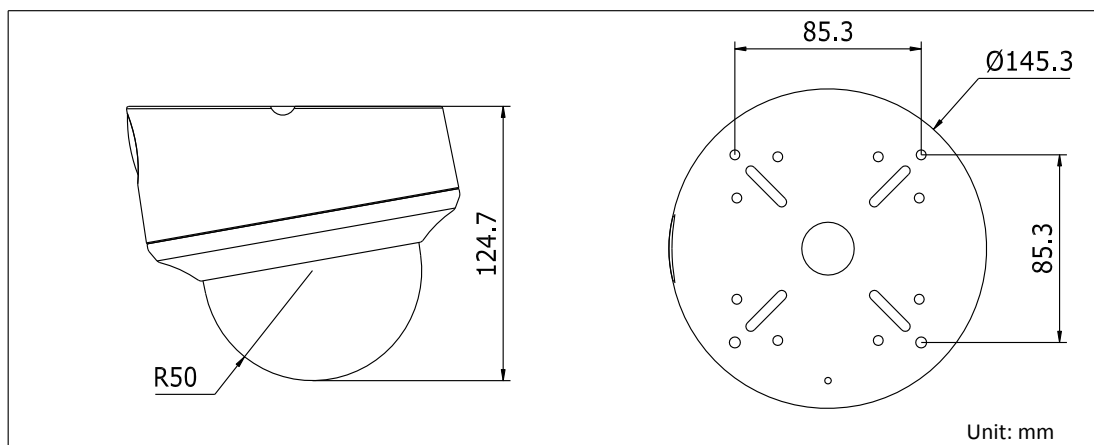
Order Models

DS-2CC51A5P-VPIR DS-2CC51A5P-VPIRH
DS-2CC51A5N-VPIR DS-2CC51A5N-VPIRH

Dimensions



Dimensions with DS-1240ZJ:



Accessories

Vandal-proof wall mount
DS-1229ZJ



Tilted wall-mount
DS-1240ZJ



Unify Pendant mount
DS-1242ZJ



Unify Pendant mount
DS-1243ZJ

DS-2CC51A7P(N)-VPIR(H)(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Smart IR mode
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.001 Lux @ F1.2 , 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Auto iris with DC drive
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

Parameter	Model	DS-2CC51A7P(N)-VPIR(H)
		700 TVL CCD WDR ICR Weather-proof Vandal-proof IR Dome Camera
Camera		
Image Sensor		1/3" SONY Super HAD CCD II
Signal System		PAL/NTSC
Effective Pixels		PAL: 976 (H) × 582 (V)

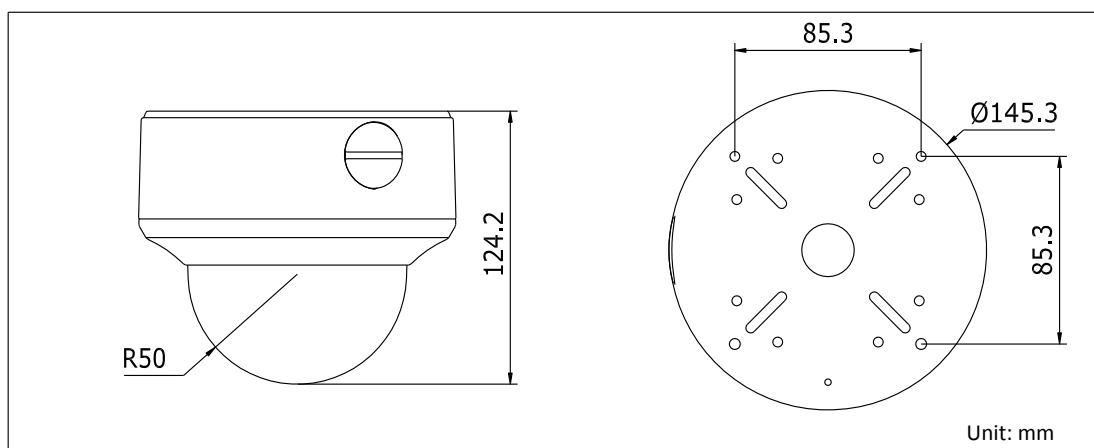
	NTSC: 976 (H) × 494 (V)
Min. Illumination	0.001 Lux @ (F1.2, AGC ON), 0.0001 Lux @ (F1.2, AGC ON, sensitivity × 256), 0 Lux with IR 0.0014 Lux @ (F1.4, AGC ON), 0.00014 Lux @ (F1.4, AGC ON, sensitivity × 256), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: ± 90°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Wide Dynamic Range	75 dB
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC); Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Privacy Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
WDR	Value/Contrast/Return
Anti-flicker	On/Off
Language	English/Chinese
Video	SMART IR, Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction
Scene	Indoor Standard , Indoor Backlight , Outdoor, Low illumination , Customize
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C - 60 °C (-40 °F - 140 °F) with heater and fan on
Power Supply	24 V AC ± 10%, 12 V DC ± 10% -H: 24 V AC ± 10%
Ingress Protection	IP66
Heater	-H: support

IR Range	-IR: approx 20 to 30 meters
Power Consumption	Max. 13 W -H: Max. 25 W
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimensions	Φ 145.3 × 124.2 mm (Φ 5.72" × 4.89")
Weight	2000 g (4.40 lbs)

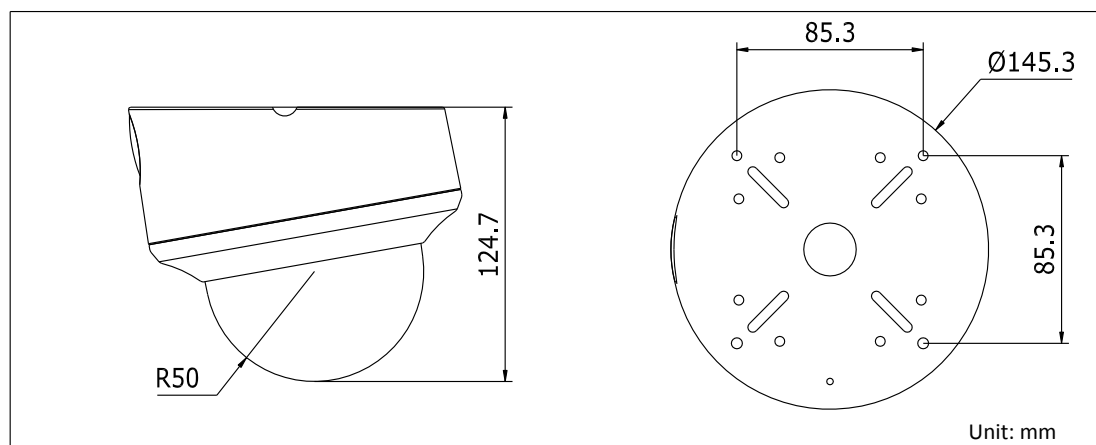
Order Models

DS-2CC51A7P-VPIR DS-2CC51A7P-VPIRH
DS-2CC51A7N-VPIR DS-2CC51A7N-VPIRH

Dimensions



Dimensions with DS-1240ZJ:



Accessories



Vandal-proof wall mount
DS-1229ZJ



Tilted wall-mount
DS-1240ZJ



Unify Pendant mount
DS-1242ZJ



Unify Pendant mount
DS-1243ZJ

DS-2CC52A1P(N)-AVPIR2(Under R&D)



Key Features

- Compact design
- SONY CCD
- Digital Noise Reduction
- Digital Wide Dynamic Range
- Smart IR mode
- Eclipse
- Min. illumination: 0.001Lux @(F1.2,AGC ON), 0 Lux with IR
- IR cut filter with auto switch
- OSD menu
- Support 2.8 - 12 mm auto iris lens
- Internal or Power Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

Parameter	Model
	DS-2CC52A1P(N)-AVPIR2
	700 TVL CCD IR Dome Camera (ICR & Vari-focal & Weather-proof & Vandal-proof)
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL:976 (H) × 582 (V) NTSC:976 (H) × 494 (V)
Min. Illumination	0.001Lux @ (F1.2,AGC ON) ,0 Lux with IR 0.0014Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter Speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s

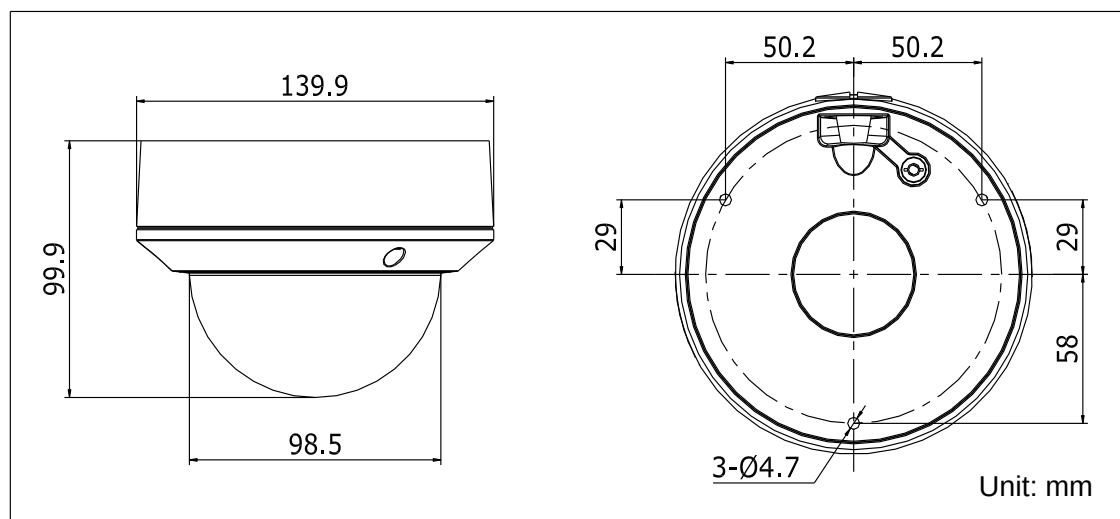
Lens	2.8 - 12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Auto Iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal/Power synchronization
Video Output	1Vp-p composite output (75 Ω/BNC) Test monitor out [1Vp-p composite output (75 Ω/BNC), device line]
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (52 letters, position adjustable)
D/N Mode	Auto /Day /Night/ EXT1/ EXT2
White Balance	ATW/PUSH/USER1/USER2/ANTI CR/MANUAL/PUSH LOCK
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
Back Light	BLC/HLC/Off
Language	English/Chinese/ Korean/ Italian/ Russian/ Portuguese/ German/ French
Function	Smart IR, ATR, HLC, DNR, Sharpness, Brightness, Contrast, Hue, Gain, Mirror, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 V AC ± 10%, 12 V DC ± 10%
Power Consumption	Max. 4 W (Max. 4.5 W with IR cut filter on)
Ingress Protection level	IP66
IR Range	approx 20 to 30 meters
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10.
Dimension	Φ 139.9 × 99.9 mm (Φ 5.51" × 3. 93")
Weight	800 g (1.76 lbs)

Order Models

DS-2CC52A1P-AVPIR2

DS-2CC52A1N-AVPIR2

Dimension



DIS Camera

DS-2CE5512P(N)(Released)



Key Features

- Compact design
- DIS
- Auto white balance, auto gain control and electronic shutter control
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum Surveillance angles and position

Specification

Model	DS-2CE5512P(N)
	500 TVL DIS Dome Camera
Camera	
Image Sensor	1/4" DIS
Signal System	PAL/NTSC
Effective Pixels	640 (H) × 480 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.28 Lux @ (F2.0, AGC ON)
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	2.8 mm @ F2.0 (3.6 mm, 6 mm, optional)
	Angle of view: 66.2° (2.8 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 90°, Rotation: 0 - 355°
Horizontal Resolution	500 TVL
Synchronization	Internal synchronization

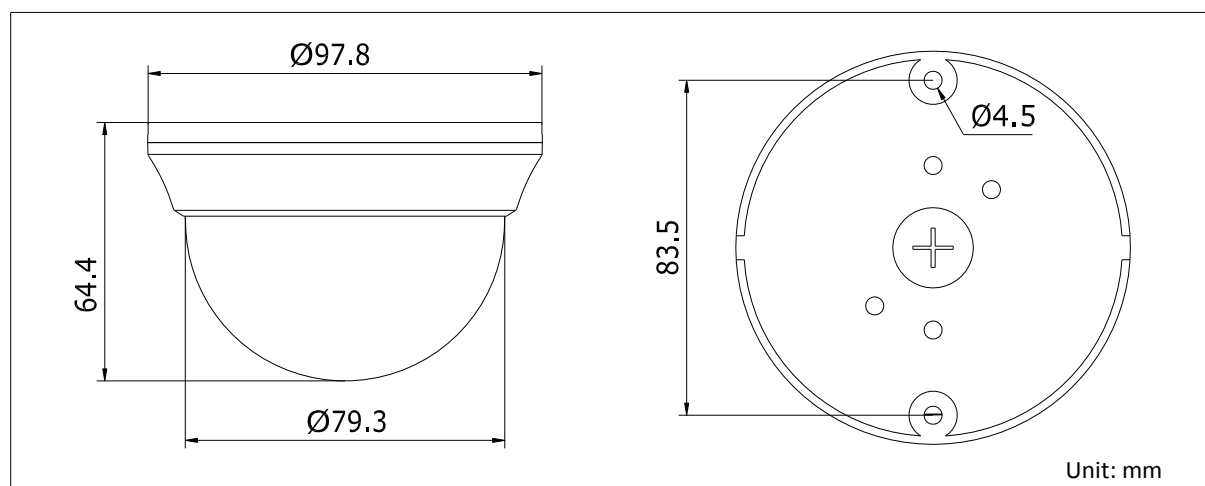
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max.0.5 W
Dimensions	Φ 97.8 x 64.4 mm (ϕ 3.85" x 2.54")
Weight	300 g (0.66 lbs)

Order Models

DS-2CE5512P

DS-2CE5512N

Dimensions



DS-2CE5512P(N)-IR(Released)



Key Features

- Compact design
- DIS
- IR cut filter with auto switch
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control and electronic shutter control
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CE5512P(N)-IR
Parameter	500 TVL DIS IR Dome Camera (ICR & Weather-proof)
Camera	
Image Sensor	1/4" DIS
Signal System	PAL/NTSC
Effective Pixels	640 (H) × 480 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	2.8 mm @ F1.8 (3.6 mm, 6 mm optional)
	Angle of view: 66.2° (2.8 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal	500 TVL

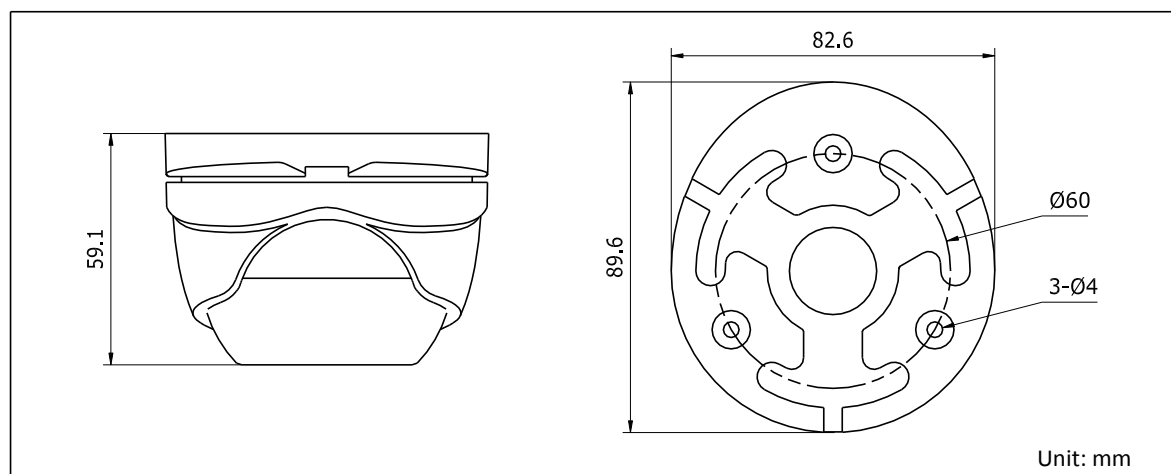
Resolution	
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 1.5 W (Max. 4.5 W with IR cut filter on)
Ingress Protection	IP66
IR Range	Approx. 10 to 20 meters
Dimensions	89.6 $\times$ 59.1 mm (3.53" $\times$ 2.33")
Weight	400 g (0.88 lbs)

Order Models

DS-2CE5512P-IR

DS-2CE5512N-IR

Dimensions



DS-2CE1512P(N)-IR(Released)



Key Features

- Compact design
- DIS
- IR cut filter with auto switch
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control and electronic shutter control
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum Surveillance angles and position
- Adopt a mount for routing cables through
- Ingress Protection: IP66

Specification

Model	DS-2CE1512P(N)-IR
Parameter	500 TVL DIS IR Bullet Camera (ICR & Weather-proof)
Camera	
Image Sensor	1/4" DIS
Signal System	PAL/NTSC
Effective Pixels	640 (H) × 480 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	2.8 mm @ F1.8 (3.6 mm, 6 mm optional)
	Angle of view: 66.2° (2.8 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	500 TVL
Synchronization	Internal synchronization

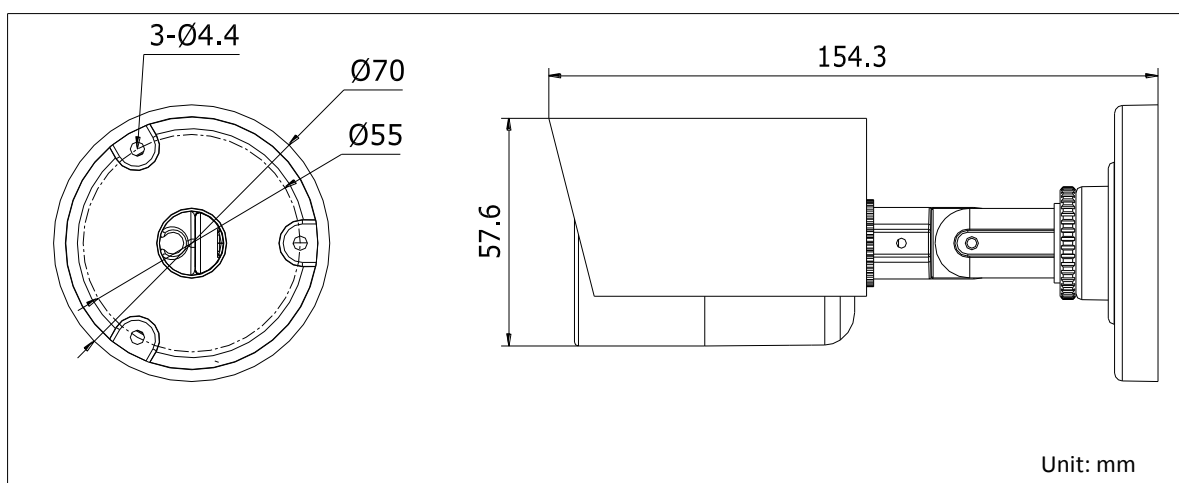
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 1.5 W (Max. 4.5 W with IR cut filter on)
Ingress Protection	IP66
IR Range	Approx. 10 to 20 meters
Dimensions	Φ70×154.3 mm (Φ2.76" ×6.07")
Weight	450 g (0.99 lbs)

Order Models

DS-2CE1512P-IR

DS-2CE1512N-IR

Dimensions



DS-2CE5512P(N)-IRP(Released)



Key Features

- Compact design
- DIS
- IR cut filter with auto switch
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control and electronic shutter control
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CE5512P(N)-IRP
Parameter	500 TVL DIS IR Dome Camera (ICR)
Camera	
Image Sensor	1/4" DIS
Signal System	PAL/NTSC
Effective Pixels	640 (H) × 480 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	2.8 mm @ F1.8 (3.6 mm, 6 mm optional)
	Angle of view: 66.2° (2.8 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°; Tilt: 0 - 85°; Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	500 TVL
Synchronization	Internal synchronization

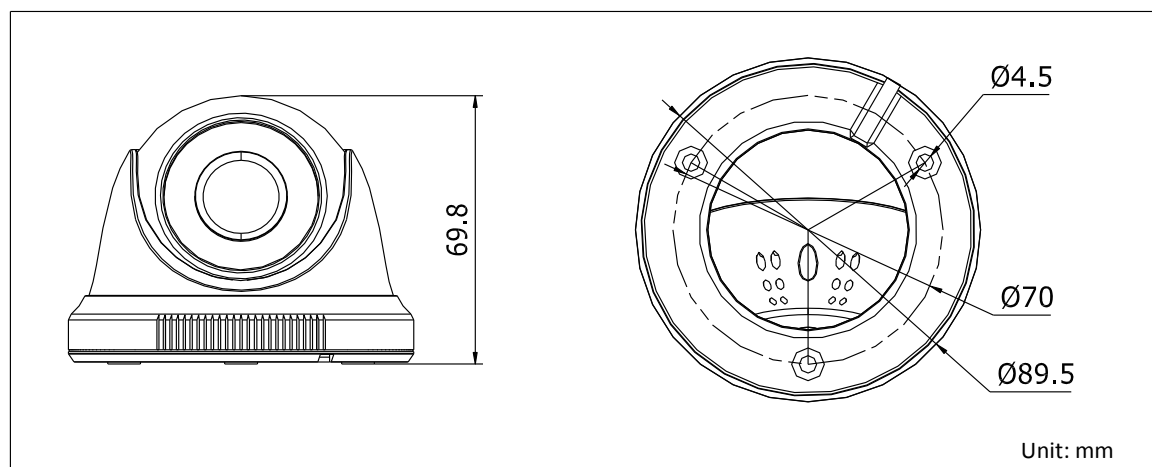
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 1.5 W (Max. 4.5 W with IR cut filter on)
IR Range	Approx. 10 to 20 meters
Dimensions	$\Phi 89.5 \times 69.8$ mm (3.52" $\times$ 2.75")
Weight	200 g (0.44 lbs)

Order Models

DS-2CE5512P-IRP

DS-2CE5512N-IRP

Dimensions



DS-2CE1582P(N)-IR(Sample)



Key Features

- Compact design
- DIS
- IR cut filter with auto switch
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum Surveillance angles and position
- Adopt a mount for routing cables through
- Ingress Protection: IP66

Specification

Model	DS-2CE1582P(N)-IR
Parameter	600 TVL DIS IR Bullet Camera (ICR & Weather-proof)
Camera	
Image Sensor	1/3" DIS
Signal System	PAL/NTSC
Effective Pixels	720 (H) × 480 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	3.6 mm @ F1.8 (6 mm optional)
	Angle of view: 70.6° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization

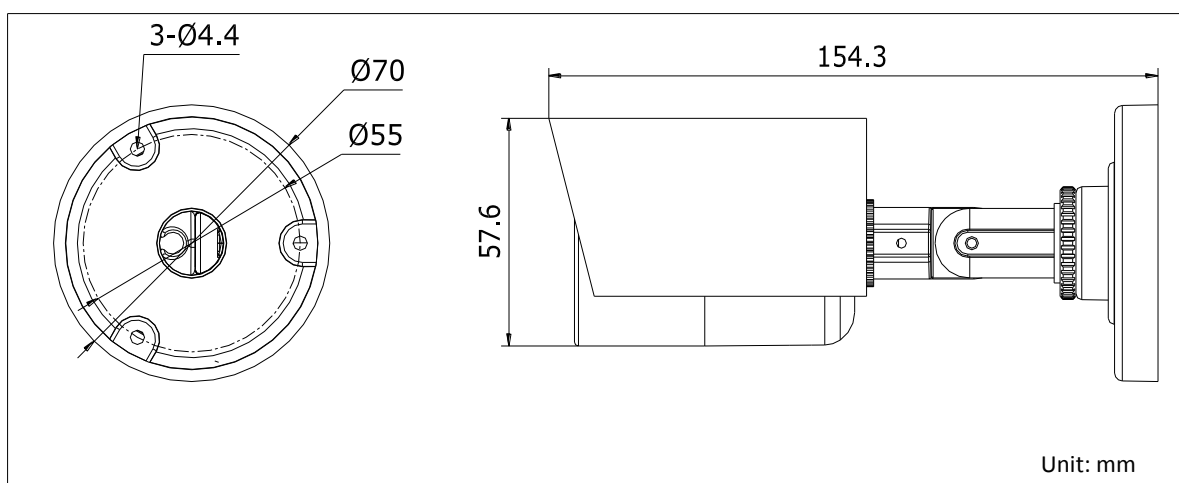
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2 W (Max. 5 W with IR cut filter on)
Ingress Protection	IP66
IR Range	Approx. 10 to 20 meters
Dimensions	Φ70×154.3 mm (Φ2.76" ×6.07")
Weight	450 g (0.99 lbs)

Order Models

DS-2CE1582P-IR

DS-2CE1582N-IR

Dimensions



DS-2CE1582P(N)-IR1(IR3)(Released)



Key Features

- Compact design
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- IR cut filter with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Advanced Engineering Design, High Reliability
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum Surveillance angles and position
- Adopt a mount for routing cables through
- Ingress Protection: IP66

Specification

Model	DS-2CE1582P(N)-IR1(IR3)
Parameter	600 TVL DIS IR Bullet Camera (ICR & Weather-proof)
Camera	
Image Sensor	1/3" DIS
Signal System	PAL/NTSC
Effective Pixels	720(H)×480(V)
Min. Illumination	0.1Lux @ (F1.2,AGC ON),0 Lux with IR 0.2Lux @ (F1.8,AGC ON),0 Lux with IR
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	"-IR1" series: 6mm @ F1.8 (2.8mm, 3.6mm optional), Angle of view: 47° (6mm) "-IR3" series: 12mm @ F1.8 (3.6mm, 6mm, 8mm, 16mm optional), Angle of view: 22.72° (12mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 52 dB

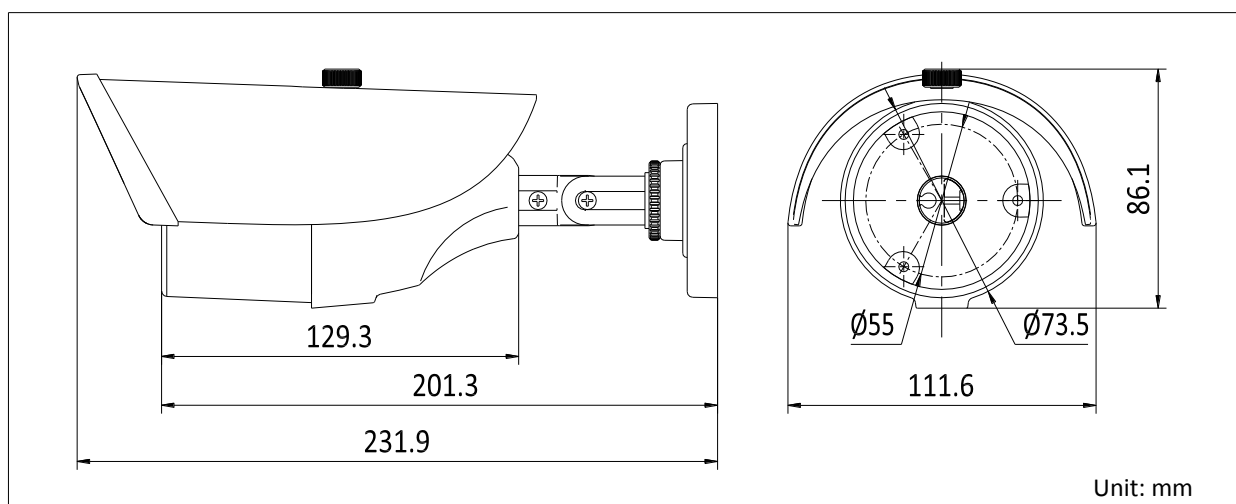
BLC	On
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	IR1: Max. 3 W(Max. 6.5 W with IR cut filter on) IR3: Max. 4 W(Max. 7.5 W with IR cut filter on)
Ingress Protection	IP66
IR Range	"-IR1" series: Approx. 10 to 20 meters "-IR3" series: Approx. 30 to 40 meters
Dimensions	111.6 $\times$ 86.1 $\times$ 231.9 mm(4.39" $\times$ 3.39" $\times$ 9.13")
Weight	1000 g (2.20 lbs)

Order Models

DS-2CE1582P-IR1 , DS-2CE1582P-IR3

DS-2CE1582N-IR1, DS-2CE1582N-IR3

Dimensions



DS-2CE5582P(N)(Sample)



Key Features

- Compact design
- DIS
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum Surveillance angles and position

Specification

Model	DS-2CE5582P(N)
	600 TVL DIS Dome Camera
Camera	
Image Sensor	1/3" DIS
Signal System	PAL/NTSC
Effective Pixels	720 (H) × 480 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.28 Lux @ (F2.0, AGC ON)
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	3.6 mm @ F2.0 (6 mm, optional)
	Angle of view: 70.6° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 90°, Rotation: 0 - 355°
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 52 dB
General	
Working Temperature/Hum	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)

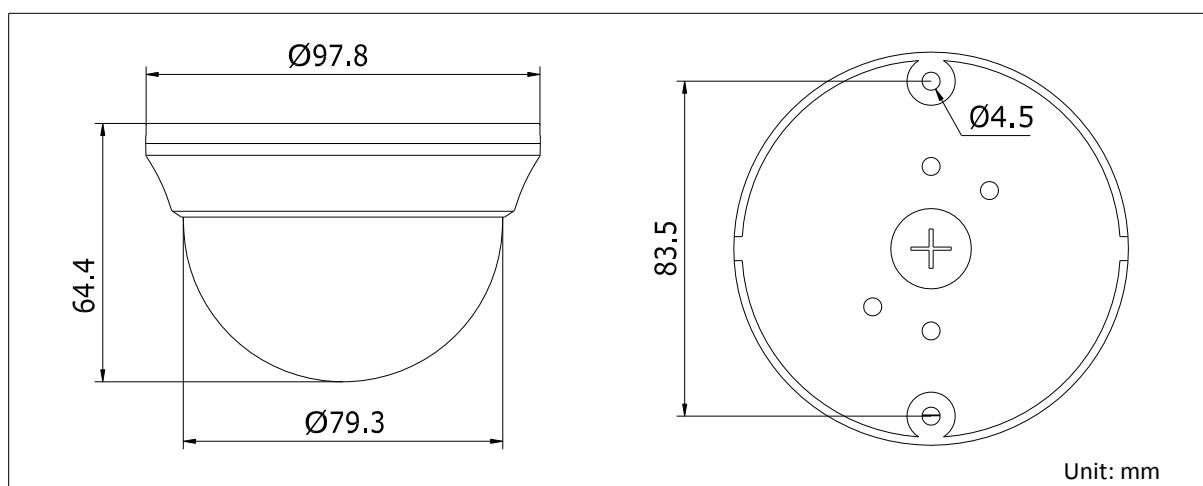
idity	
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 1 W
Dimensions	Φ 97.8 x 64.4 mm (ϕ 3.85" x 2.54")
Weight	300 g (0.66 lbs)

Order Models

DS-2CE5582P

DS-2CE5582N

Dimensions



DS-2CE5582P(N)-IR(Sample)



Key Features

- Compact design
- DIS
- IR cut filter with auto switch
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CE5582P(N)-IR
Parameter	600 TVL DIS IR Dome Camera (ICR & Weather-proof)
Camera	
Image Sensor	1/3" DIS
Signal System	PAL/NTSC
Effective Pixels	720 (H) × 480 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	3.6 mm @ F1.8 (6 mm optional) Angle of view: 70.6° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal	600 TVL

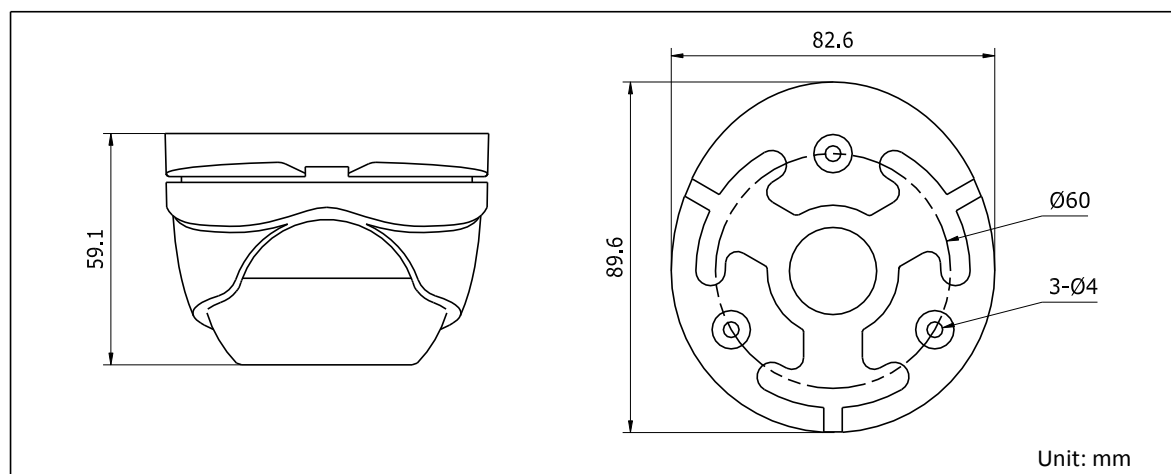
Resolution	
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 2 W (Max. 5 W with IR cut filter on)
Ingress Protection	IP66
IR Range	Approx. 10 to 20 meters
Dimensions	89.6 $\times$ 59.1 mm (3.53" $\times$ 2.33")
Weight	400 g (0.88 lbs)

Order Models

DS-2CE5582P-IR

DS-2CE5582N-IR

Dimensions



DS-2CE5582P(N)-IRP(Sample)



Key Features

- Compact design
- DIS
- IR cut filter with auto switch
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CE5582P(N)-IRP
Parameter	600 TVL DIS IR Dome Camera (ICR)
Camera	
Image Sensor	1/3" DIS
Signal System	PAL/NTSC
Effective Pixels	720 (H) × 480 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.2 Lux @ (F1.8, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	3.6 mm @ F1.8 (6 mm optional)
	Angle of view: 70.6° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°; Tilt: 0 - 85°; Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization

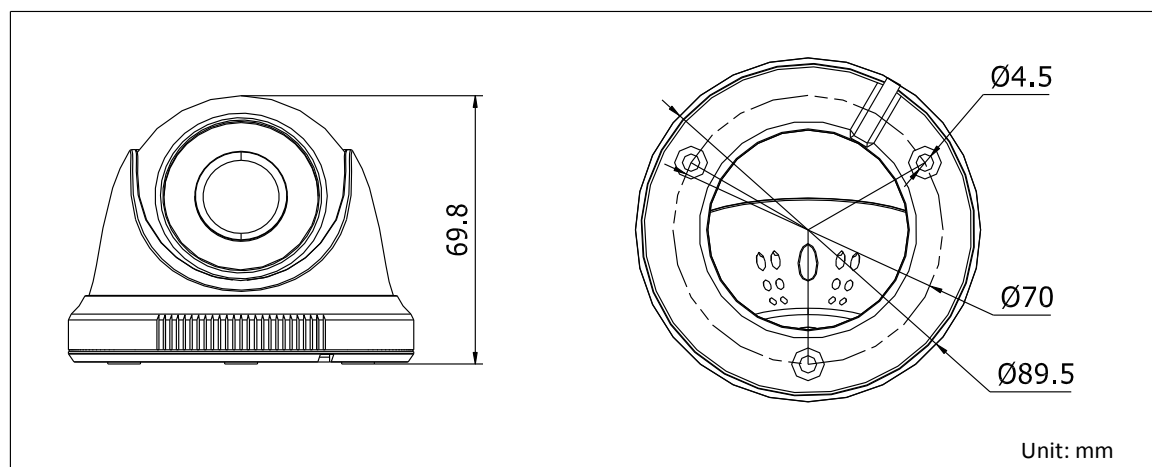
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 52 dB
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 2 W (Max. 5 W with IR cut filter on)
IR Range	Approx. 10 to 20 meters
Dimensions	$\Phi 89.5 \times 69.8$ mm (3.52" $\times$ 2.75")
Weight	200 g (0.44 lbs)

Order Models

DS-2CE5582P-IRP

DS-2CE5582N-IRP

Dimensions



DS-2CE5582P(N)-IR1(IR3)(Released)



Key Features

- Compact design
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- IR cut filter with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CE5582P(N)-IR1(IR3)
Parameter	600 TVL DIS IR Dome Camera (ICR & Weather-proof)
Camera	
Image Sensor	1/3" DIS
Signal System	PAL/NTSC
Effective Pixels	720(H)×480(V)
Min. Illumination	0.1Lux @ (F1.2,AGC ON),0 Lux with IR 0.2Lux @ (F1.8,AGC ON),0 Lux with IR
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	"-IR1" series: 6mm @ F1.8 (2.8mm, 3.6mm optional), Angle of view: 47° (6mm) "-IR3" series: 12mm @ F1.8 (3.6mm, 6mm, 8mm, 16mm optional), Angle of view: 22.72° (12mm)
Lens Mount	M12
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 52 dB

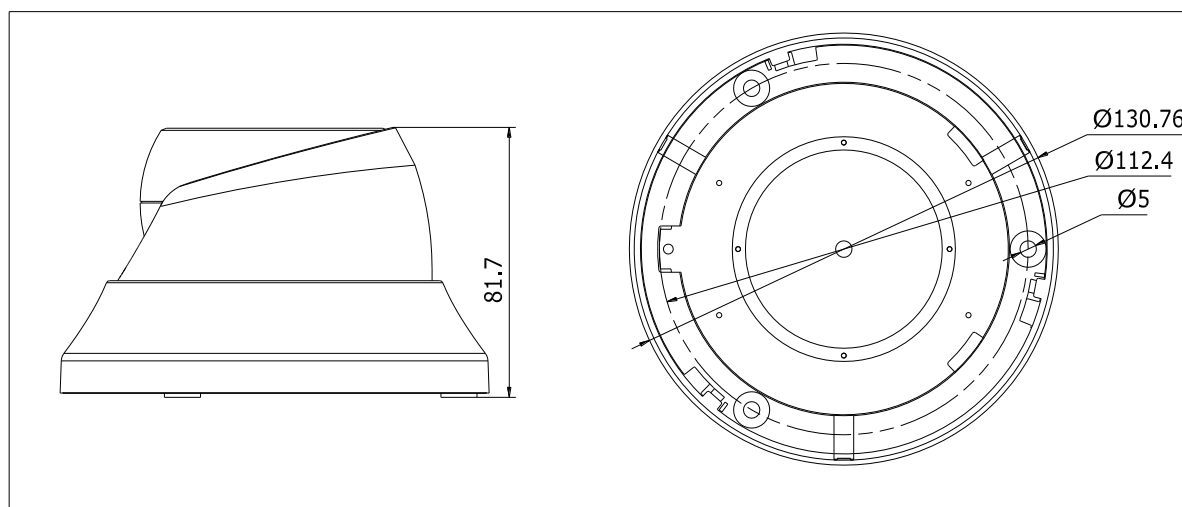
BLC	On
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	IR1: Max. 3 W(Max. 6.5 W with IR cut filter on) IR3: Max. 4 W(Max. 7.5 W with IR cut filter on)
Ingress Protection	IP66
IR Range	"-IR1" series: Approx. 10 to 20 meters "-IR3" series: Approx. 30 to 40 meters
Dimensions	Φ 130.76 $\times$ 81.7mm(ϕ 5.15" x 3.22")
Weight	700 g (1.54 lbs)

Order Models

DS-2CE5582P-IR1 , DS-2CE5582P-IR3

DS-2CE5582N-IR1, DS-2CE5582N-IR3

Dimensions



DS-2CE1582P(N)-VFIR3(Sample)



Key Features

- Compact design
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- IR cut filter with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Advanced Engineering Design, High Reliability
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum Surveillance angles and position
- Adopt a mount for routing cables through
- Ingress Protection: IP66

Specification

Model	DS-2CE1582P(N)- VFIR3
Parameter	600 TVL DIS IR Bullet Camera (ICR & Vari-focal & Weather-proof)
Camera	
Image Sensor	1/3" DIS
Signal System	PAL/NTSC
Effective Pixels	720(H)×480(V)
Min. Illumination	0.1Lux @ (F1.2,AGC ON),0 Lux with IR 0.14Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	2.8-12 mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)

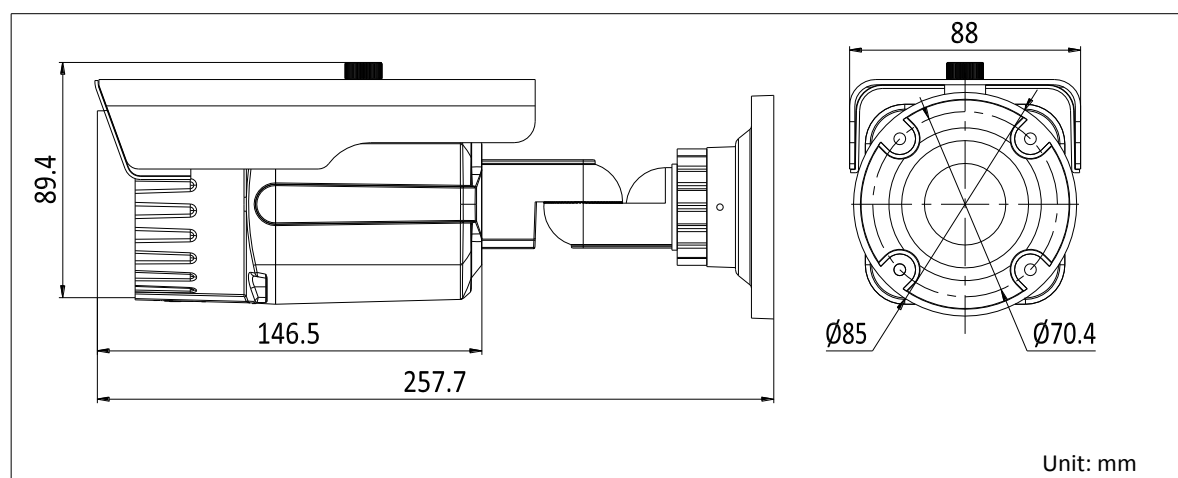
S/N Ratio	More than 52 dB
BLC	On
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 4 W(Max. 6.5 W with IR cut filter on)
Ingress Protection	IP66
IR Range	Approx. 30 to 40 meters
Dimensions	88 × 89.4 × 257.7mm(φ 3.46" x 3.52" x 10.15")
Weight	1350g (2.97 lbs)

Order Models

DS-2CE1582P-VFIR3

DS-2CE1582N-VFIR3

Dimensions



DS-2CE5582P(N)-VFIR3(Sample)



Key Features

- Compact design
- Min. illumination: 0.1 Lux @ F1.2 (0 Lux with IR)
- IR cut filter with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Advanced Engineering Design, High Reliability
- Ingress Protection: IP66
- Patent universal adjustable structure provides convenient adjustment and high reliability

Specification

Model	DS-2CE5582P(N)- VFIR3
Parameter	600 TVL DIS IR Dome Camera (ICR & Vari-focal & Weather-proof)
Camera	
Image Sensor	1/3" DIS
Signal System	PAL/NTSC
Effective Pixels	720(H)×480(V)
Min. Illumination	0.1Lux @ (F1.2,AGC ON),0 Lux with IR 0.14Lux @ (F1.4,AGC ON),0 Lux with IR
Shutter speed	PAL: 1/25 s to 1/15,000 s NTSC: 1/30 s to 1/15,000 s
Lens	2.8-12mm @ F1.4
	Angle of view: 80° - 27.2°
Lens Mount	φ14
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	600 TVL
Synchronization	Internal synchronization

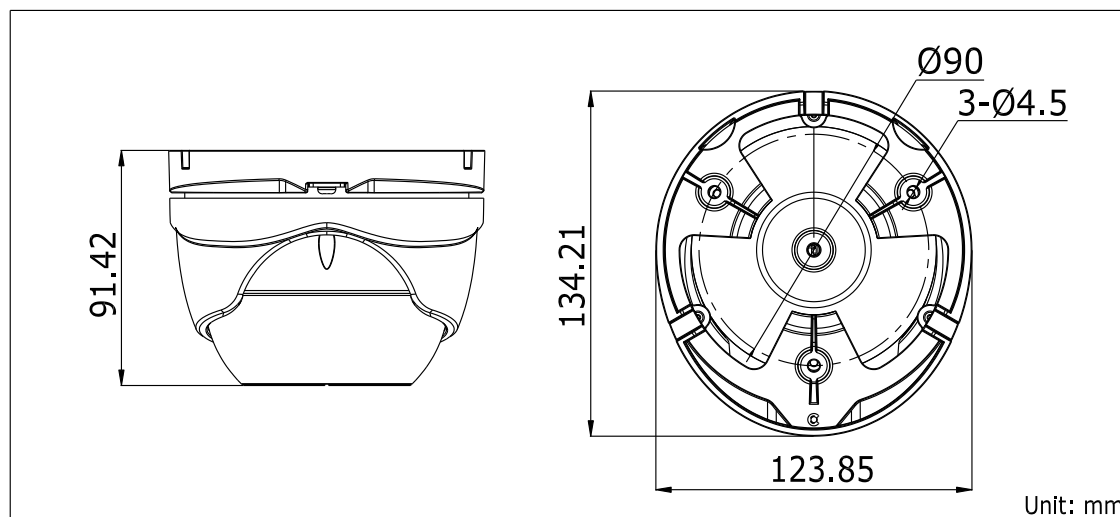
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 52 dB
BLC	On
General	
Working Temperature/Humidity	-40 °C - 60 °C (-40 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 4 W(Max. 6.5 W with IR cut filter on)
Ingress Protection	IP66
IR Range	Approx. 30 to 40 meters
Dimensions	134.21 $\times$ 123.85 $\times$ 91.42mm(5.28" $\times$ 4.88" $\times$ 3.60")
Weight	800g (1.76l lbs)

Order Models

DS-2CE5582P-VFIR3

DS-2CE5582N-VFIR3

Dimensions



Appendix

Appendix 1

DS-2CC502P(N)-DG1(Released)



Key Features

- Compact design
- SONY CCD
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability

Specification

Model	DS-2CC502P(N)-DG1
Parameter	420 TVL CCD Mini Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.05 Lux @ (F1.4, AGC ON) 0.16 Lux @ (F2.5, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.7 mm @ F2.5

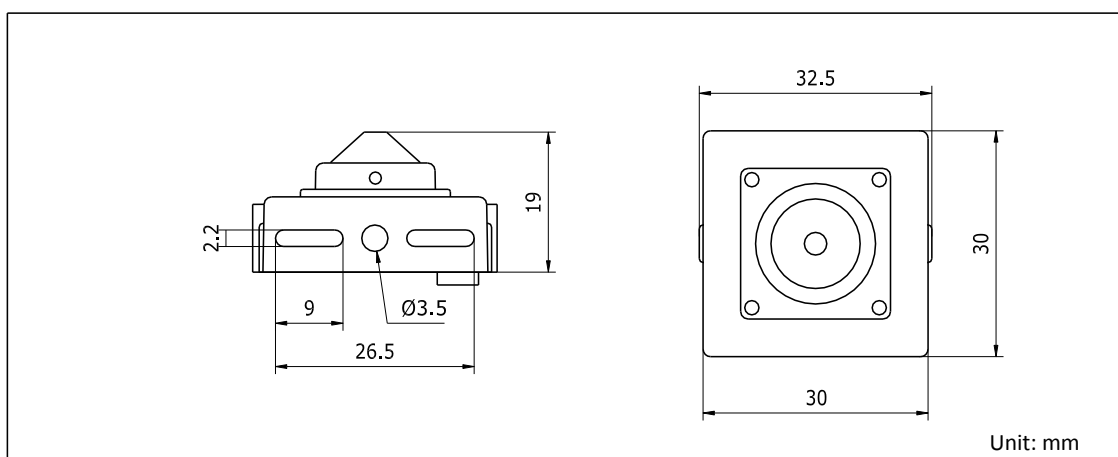
	Angle of view: 70°
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	420 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 50 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 1.1 W
Dimensions	30 × 30 × 19 mm (1.18" × 1.18" × 0.75")
Weight	100 g (0.22 lbs)

Order Models

DS-2CC502P-DG1

DS-2CC502N-DG1

Dimensions



DS-2CC502P(N)-DG2(Released)



Key Features

- Compact design
- SONY CCD
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability

Specification

Model	DS-2CC502P(N)-DG2
Parameter	420 TVL CCD Wide-angle Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)
Min. Illumination	0.05 Lux @ (F1.4, AGC ON) 0.16 Lux @ (F2.5, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	2.45 mm @ F2.5 Angle of view: 112°
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	420 TVL

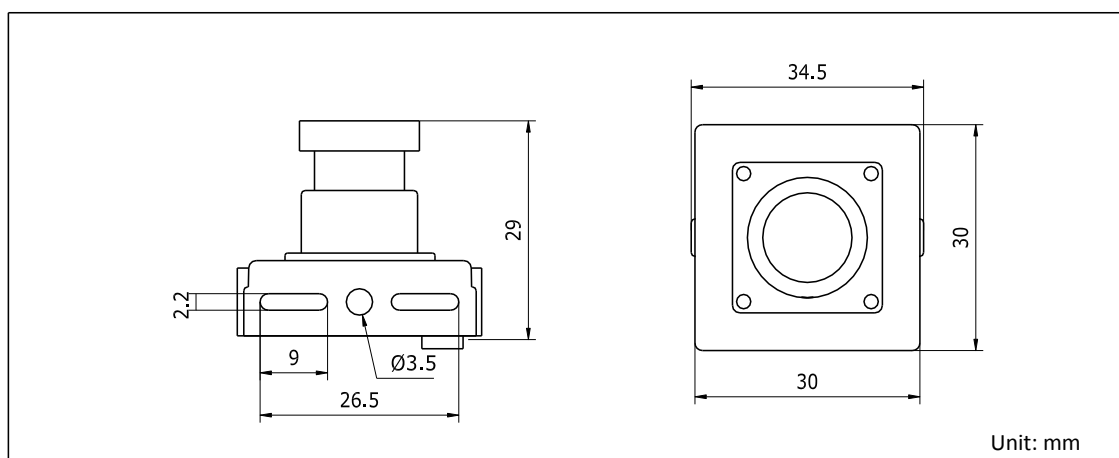
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω /BNC)
S/N Ratio	More than 50 dB
BLC	On
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 1.1 W
Dimensions	30 × 30 × 29 mm (1.18" × 1.18" × 1.14")
Weight	100 g (0.22 lbs)

Order Models

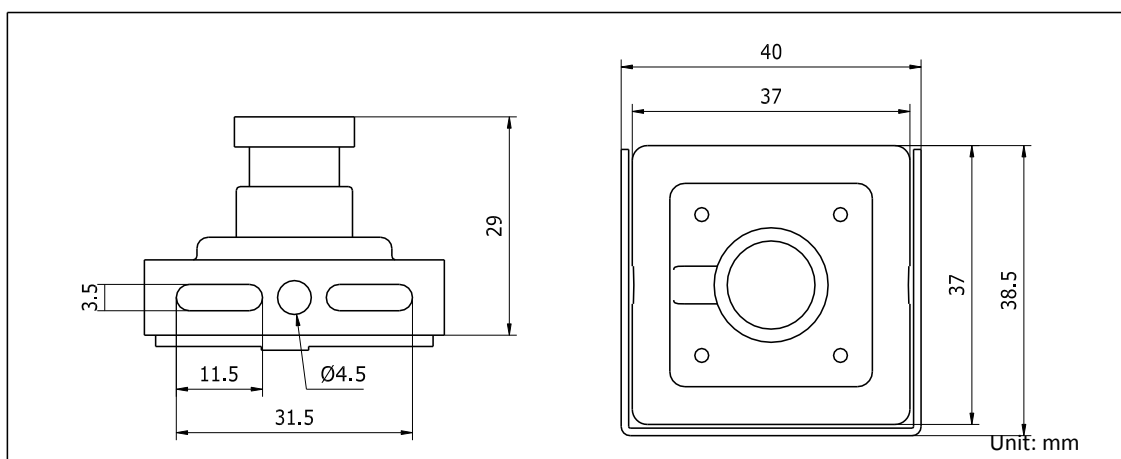
DS-2CC502P-DG2 DS-2CC512P-DG2 DS-2CC592P-DG2

DS-2CC502N-DG2 DS-2CC512N-DG2 DS-2CC592N-DG2

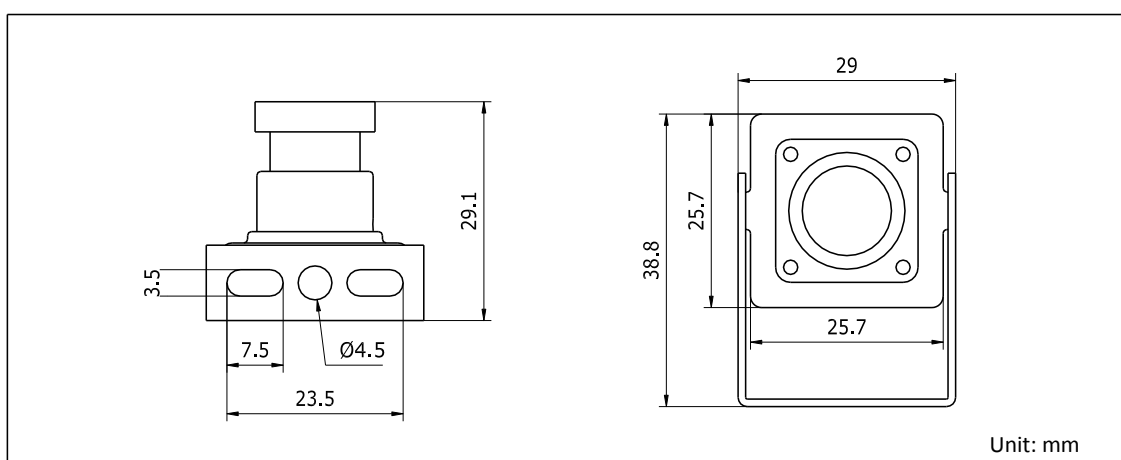
Dimensions



DS-2CC502P(N)-DG2



DS-2CC512P(N)-DG2



DS-2CC592P(N)-DG2

DS-2CC599P-DG1(Sample)



Key Features

- Compact design
- SONY vertical double density interline CCD
- 120dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Day/Night with auto switch
- OSD Menu
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability

Specification

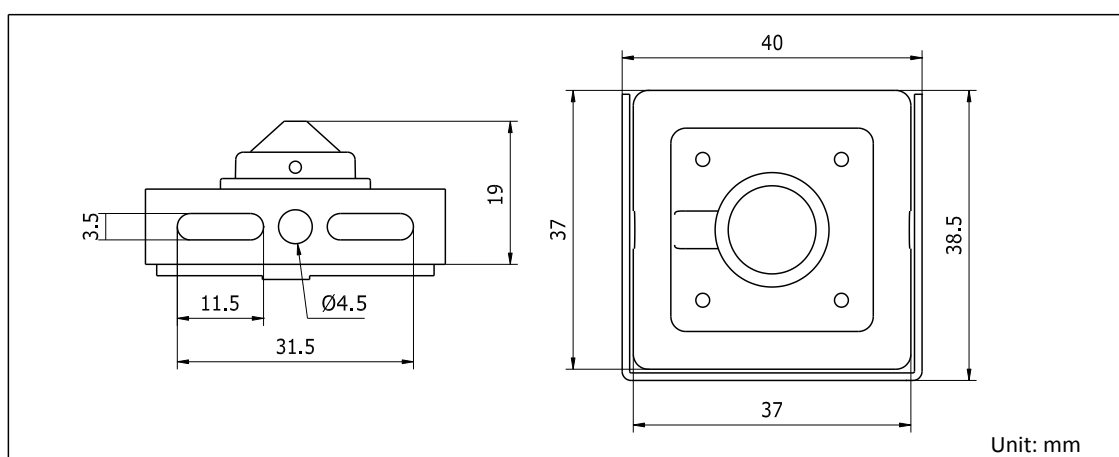
Model	DS-2CC599P-DG1
Parameter	650 TVL CCD WDR Mini Camera
Camera	
Image Sensor	1/3" SONY vertical double density interline CCD
Signal System	PAL
Effective Pixels	752 (H) × 582 (V)
Min. Illumination	0.002 Lux @ (F1.4, AGC ON), 0.00002 Lux @ (F1.4, AGC ON, sensitivity × 512), 0.006 Lux @ (F2.5, AGC ON), 0.00006 Lux @ (F2.5, AGC ON, sensitivity × 512)
Shutter speed	1/50 s to 1/100,000 s
Lens	3.7 mm @ F2.5 (2.8 mm optional)
	Angle of view: 70° (3.7 mm)
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	650 TVL
Wide Dynamic Range	120 dB
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)

S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto/Auto trace/Manual/Push
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
BLC	Area/Value/Off
WDR	On/Off
Anti-Flicker	On/Off
Language	English/Chinese
Video	Gamma Correction, Digital Zoom, 3D Digital Noise Reduction, POS/NEG , Mirror, Resolution, Sharpness, Y, C, Electronic image stabilization, Defect Pixel Correction
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 2 W
Dimensions	37 × 37 × 19 mm(1.46" × 1.46" × 0.75")
Weight	130 g (0.29 lbs)

Order Models

DS-2CC599P-DG1

Dimensions



DS-2CC5177P-DG1(Sample)



Key Features

- Compact design
- SONY vertical Super HAD CCD II
- 3D-Digital Noise Reduction (3D-DNR)
- Day/Night with auto switch
- OSD Menu
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability

Specification

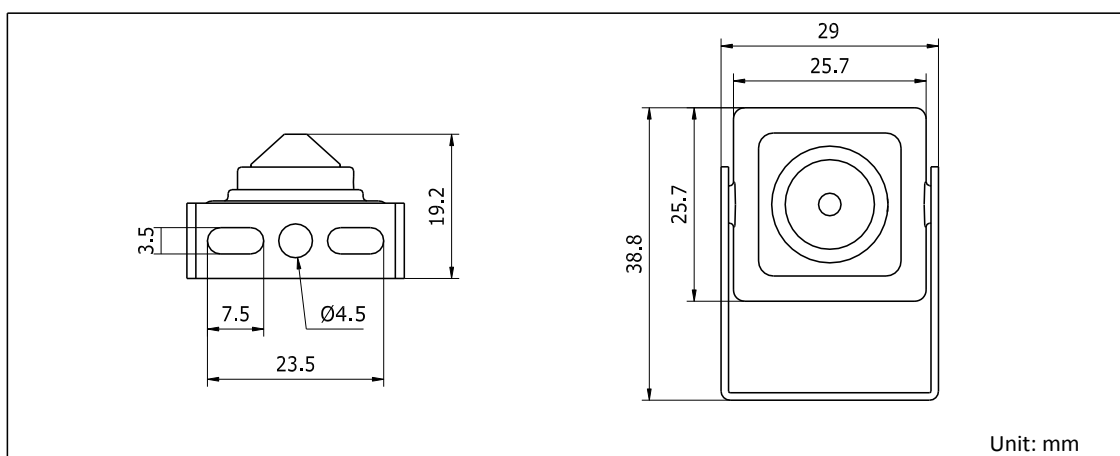
Model	DS-2CC5177P-DG1
	540 TVL CCD Mini Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL
Effective Pixels	752 (H) × 582 (V)
Min. Illumination	0.05 Lux @ (F2.0, AGC ON), 0.0002 Lux @ (F2.0, AGC ON, sensitivity × 256), 0.08 Lux @ (F2.5, AGC ON), 0.0003 Lux @ (F2.5, AGC ON, sensitivity × 256)
Shutter speed	1/50 s to 1/12,000 s
Lens	3.7 mm @ F2.5
	Angle of view: 70° (3.7 mm)
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	540 TVL
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 52 dB
Menu	

Camera ID	On/Off
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace /Manual/Auto Control
Private Mask	On/Off, maximum 8 zones
Motion Detection	On/Off
BLC	On/Off
Language	English/Chinese
Video	Digital Wide Dynamic Range, Gamma Correction, Digital Zoom, 3D Digital Noise Reduction, Mirror, Sharpness, Y, C
General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 1 W
Dimensions	25.7 × 25.7 × 19.2 mm(1.01" × 1.01" × 0.76")
Weight	80 g (0.18 lbs)

Order Models

DS-2CC5177P-DG1

Dimensions



DS-2CC5192P(N)-DG1(Under R&D)



Key Features

- Compact design
- **SONY CCD**
- **Min. illumination: 0.002 Lux @ F1.4**
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization

Specification

Model Parameter	DS-2CC5192P(N)-DG1
	650 TVL CCD Mini Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.002 Lux @ (F1.4, AGC ON) 0.006 Lux @ (F2.5, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.7 mm @ F2.5 (2.8 mm optional)
	Angle of view: 70° (3.7 mm)
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	650 TVL
Synchronization	Internal synchronization

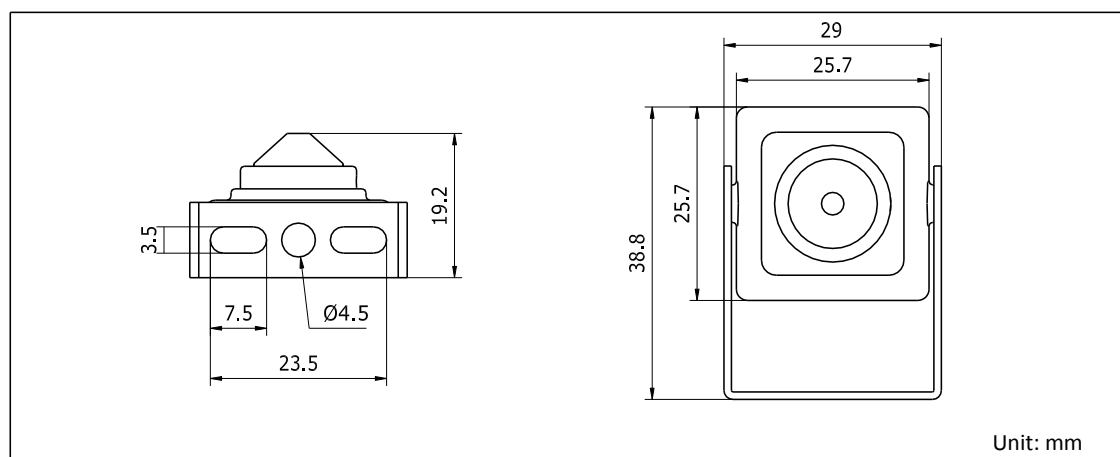
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 1 W
Dimensions	25.7×25.7×19.2 mm (1.01" × 1.01" × 0.76")
Weight	200 g (0.44 lbs)

Order Models

DS-2CC5192P-DG1

DS-2CC5192N-DG1

Dimensions



DS-2CC5197P(N)-DG1(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.002 Lux @ F1.4
- OSD menu
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Coaxial video control

Specification

Model Parameter	DS-2CC5197P(N)-DG1
	650 TVL CCD WDR Mini Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.002 Lux @ (F1.4, AGC ON), 0.00002 Lux @ (F1.4, AGC ON, sensitivity × 512) 0.006 Lux @ (F2.5, AGC ON),

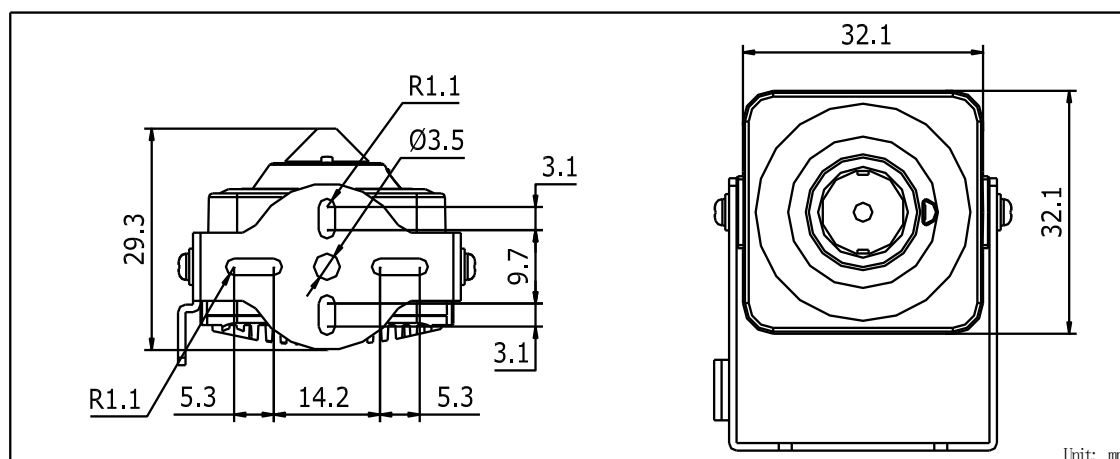
	0.00006 Lux @ (F2.5, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.7 mm @ F2.5 (2.8 mm optional)
	Angle of view: 70° (3.7 mm)
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	650 TVL
Wide Dynamic Range	75dB
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
WDR	Value/ Contrast / WD exposure compensation/ Return
Anti-Flicker	On/Off
Language	English/Chinese
Function	Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction
Scene	Indoor Backlight , Outdoor Backlight
General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Coaxial video control	support (with a compatible controller)
Power Consumption	Max. 2 W
Dimensions	32.1×32.1×29.3 mm (1.26" × 1.26" × 1.15")
Weight	300 g (0.66 lbs)

Order Models

DS-2CC5197P-DG1

DS-2CC5197N-DG1

Dimensions



DS-2CC51A2P(N)-DG1(Under R&D)



Key Features

- Compact design
- **SONY CCD**
- **Min. illumination: 0.002 Lux @ F1.4**
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization

Specification

Model Parameter	DS-2CC51A2P(N)-DG1
	650 TVL CCD Mini Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.002 Lux @ (F1.4, AGC ON) 0.006 Lux @ (F2.5, AGC ON)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.7 mm @ F2.5 (2.8 mm optional)
	Angle of view: 70° (3.7 mm)
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	700 TVL
Synchronization	Internal synchronization

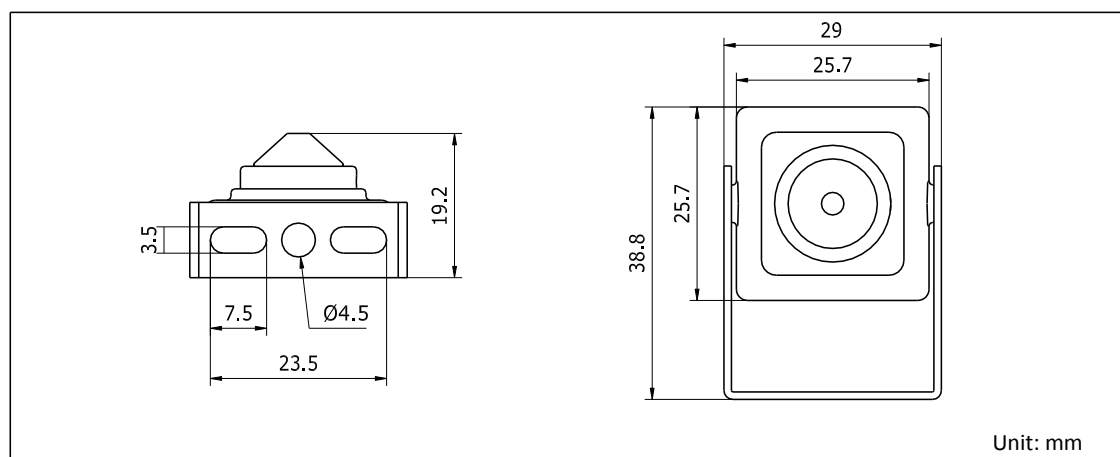
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 1 W
Dimensions	25.7×25.7×19.2 mm (1.01" × 1.01" × 0.76")
Weight	200 g (0.44 lbs)

Order Models

DS-2CC51A2P-DG1

DS-2CC51A2N-DG1

Dimensions



DS-2CC51A7P(N)-DG1(Released)



Key Features

- Compact design
- SONY Super HAD CCD II
- Flickerless mode
- 75dB Wide Dynamic Range, suitable for strong backlight environment
- 3D-Digital Noise Reduction (3D-DNR)
- Eclipse
- Electronic image stabilization (EIS)
- Min. illumination: 0.002 Lux @ F1.4
- OSD menu
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Coaxial video control

Specification

Model Parameter	DS-2CC51A7P(N)-DG1
	700 TVL CCD WDR Mini Camera
Camera	
Image Sensor	1/3" SONY Super HAD CCD II
Signal System	PAL/NTSC
Effective Pixels	PAL: 976 (H) × 582 (V) NTSC: 976 (H) × 494 (V)
Min. Illumination	0.002 Lux @ (F1.4, AGC ON), 0.00002 Lux @ (F1.4, AGC ON, sensitivity × 512) 0.006 Lux @ (F2.5, AGC ON),

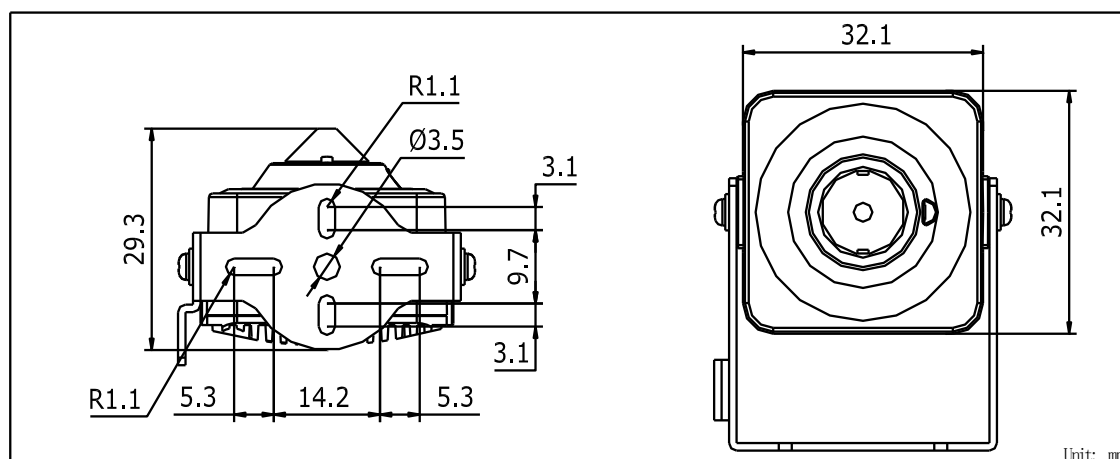
	0.00006 Lux @ (F2.5, AGC ON, sensitivity × 512)
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.7 mm @ F2.5 (2.8 mm optional)
	Angle of view: 70° (3.7 mm)
Lens Mount	M12
Day & Night	Electronic
Horizontal Resolution	700 TVL
Wide Dynamic Range	75dB
Synchronization	Internal synchronization
Video Output	1Vp-p composite output (75 Ω/BNC)
S/N Ratio	More than 62 dB
Menu	
Camera ID	On/Off (16 letters, position adjustable)
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto/Day/Night
White Balance	Auto trace WB1/Auto trace WB2/Manual/Auto Control
Private Mask	On/Off, maximum 12 zones
Motion Detection	On/Off
BLC	Area/Value/Off
WDR	Value/ Contrast / WD exposure compensation/ Return
Anti-Flicker	On/Off
Language	English/Chinese
Function	Eclipse, Digital Noise Reduction, Sharpness, Brightness, Saturation, Resolution, Electronic image stabilization, Digital Zoom, Mirror, Defect Pixel Correction
Scene	Indoor Backlight , Outdoor Backlight
General	
Working Temperature/Humidity	-30 °C - 60 °C (-22 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Coaxial video control	support (with a compatible controller)
Power Consumption	Max. 2 W
Dimensions	32.1×32.1×29.3 mm (1.26" × 1.26" × 1.15")
Weight	300 g (0.66 lbs)

Order Models

DS-2CC51A7P-DG1

DS-2CC51A7N-DG1

Dimensions



DS-2CC502/512/592P(N)-FD1(Released)



Key Features

- Compact design
- SONY CCD
- Day/Night with auto switch
- Auto white balance, auto gain control, electronic shutter control and backlight compensation
- Internal Synchronization
- Advanced Engineering Design, High Reliability

Specification

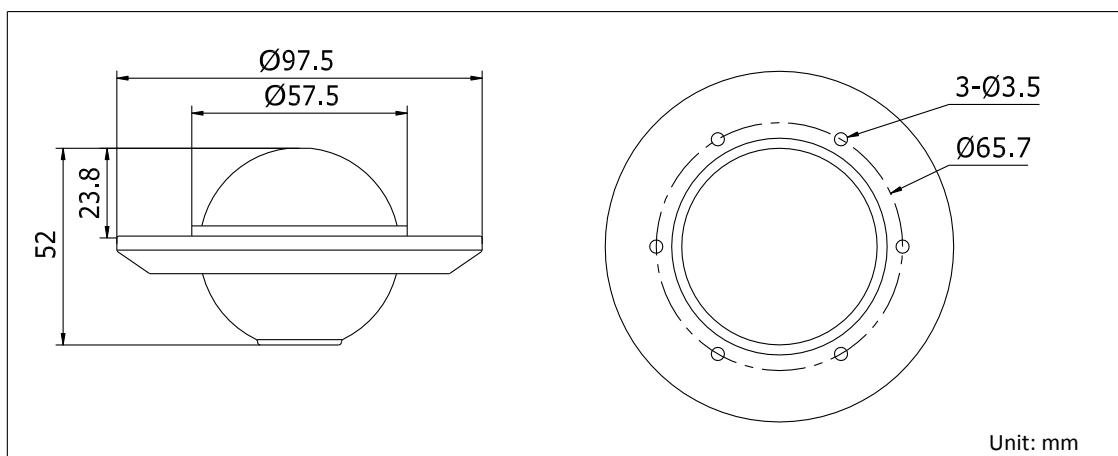
Model Parameter	DS-2CC502P(N)-FD1	DS-2CC512P(N)-FD1	DS-2CC592P(N)-FD1
	420 TVL CCD UFO Camera	480 TVL CCD UFO Camera	540 TVL CCD UFO Camera
Camera			
Image Sensor	1/3" SONY CCD		
Signal System	PAL/NTSC		
Effective Pixels	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)	
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.28 Lux @ (F2.0, AGC ON)		
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s		
Lens	3.6 mm @ F2.0 (6 mm, 8 mm optional)		
	Angle of view: 78° (3.6 mm)		
Lens Mount	M12		
Day & Night	Electronic		
Horizontal Resolution	420 TVL	480 TVL	540 TVL
Synchronization	Internal synchronization		
Video Output	1Vp-p composite output (75 Ω/BNC)		
S/N Ratio	More than 48 dB		
BLC	On		

General	
Working Temperature/Humidity	-10 °C - 60 °C (14 °F - 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 1.5 W
Dimensions	Φ 97.5 $\times$ 52 mm (Φ 3.84" $\times$ 2.05")
Weight	250 g (0.55 lbs)

Order Models

DS-2CC502P-FD1 DS-2CC512P-FD1 DS-2CC592P-FD1
 DS-2CC502N-FD1 DS-2CC512N-FD1 DS-2CC592N-FD1

Dimensions



Name Description

Zoom Camera

DS-2DZ216MF	DS-2	D	Z	2		1	6	M	F	
DS-2CM282P-WD	DS-2	C	M	2		8	2	P		-WD
DS-2CZ2152P-IRA	DS-2	C	Z	2	1	5	2	P		-IRA
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

- ①: "DS-2" — HIKVISION camera and dome
- ②: "C" — Analog camera and Digital camera
 "D" — Network camera
- ③: "Z" — Zoom camera
 "M" — Zoom camera module
- ④: "2" — Zoom camera
- ⑤: "Default" — 1st generation zoom camera
 "1" — 2nd generation zoom camera
- ⑥: "0" — 12 times optical zoom
 "1" — 18 times optical zoom
 "2" — 20 times optical zoom
 "3" — 22 times optical zoom
 "5" — 23 times optical zoom
 "8" — 30 times optical zoom
 "9" — 36 times optical zoom
- ⑦: "1" — 420TVL
 "2" — 540TVL
 "4" — 650TVL
 "6" — 1.3 megapixel
 "7" — 2.0 megapixel
 "8" — 3.0 megapixel
 "9" — 5.0 megapixel
- ⑧: "P" — PAL signal system
 "N" — NTSC signal system
 "M" — Mega pixels
- ⑨: "F" — Support SD/SDHC card
- ⑩: "-WD" — Wide Dynamic Range
 "-PT1" — Constant speed PTZ with 100 meters IR Range
 "-PT2" — Constant speed PTZ
 "-PT3" — Constant speed PTZ with 200 meters IR Range
 "-PT4" — Variable speed PTZ

“-IRA” —100—110 meters IR Range

Zoom Camera

DS-2CZ2132P(N) (Released)



Key Features

- High performance SONY CCD
- 352x zoom (22x optical zoom, 16x digital zoom)
- 540 TVL high definition display
- Excellent low Illumination performance: Color:0.2Lux@(F1.6,AGC ON),0.0008Lux@ (F1.6,AGC ON, sensitivity×256)
- BLC
- Patented auto zoom algorithm
- OSD Menu
- High SNR, clear image
- Auto Iris, AES for different surveillance environment
- 3D-DNR
- Auto iris with DC/video drive

Application Scenarios

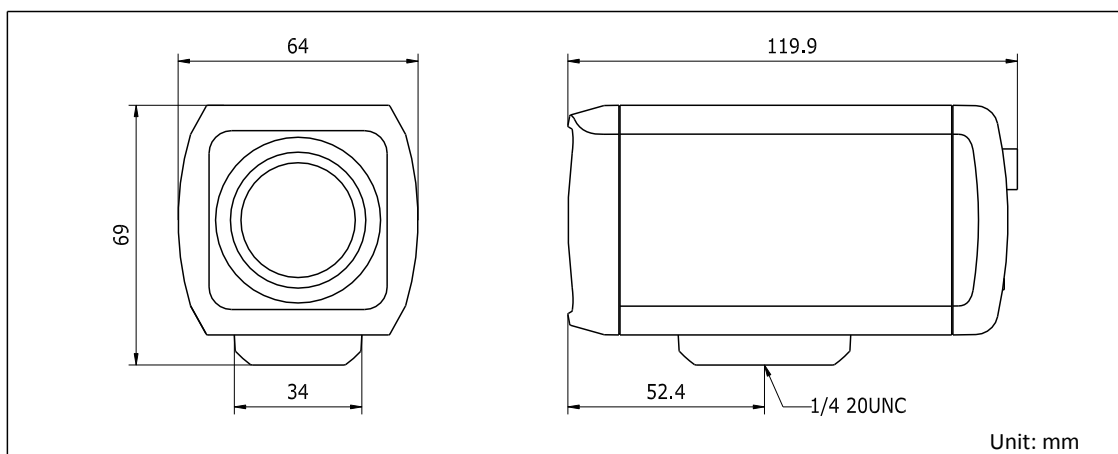
This product can be applied to wide surveillance areas such as large warehouses, perimeter of residential areas, harbors, squares, schools, stations, parks, etc.

Specification

Parameters	Model	DS-2CZ2132P(N)
		22x CCD Zoom Camera
Camera		
Image Sensor		1/4" SONY Interline Transfer Super HAD-II CCD
Signal System		PAL/NTSC
Effective Pixels		PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)

Min. Illumination	Color:0.2Lux@(F1.6,AGC ON), 0.0008Lux@ (F1.6,AGC ON, sensitivity×256)
Shutter Time	1/50 (1/60)s to 1/10, 000s
Day & Night	Electronic
Horizontal Resolution	540 TVL
Synchronize Mode	Internal
Video Output	1 Vp-p Composite Output (75 Ω/BNC)
S/N Ratio	>50 dB
Lens	
Focal length	3.9 - 85.8 mm, 22x
Zoom Speed	Approx. 3 s (optical, wide - tele)
Horizontal Viewing Angle	49.6 - 2.40 ° (wide - tele)
Min. Working Distance	10-1500 mm (wide - tele)
Aperture Range	F 1.6 - F 3.7
Menu	
Camera ID	OFF/ON (0 - 254)
Iris Mode	Auto/Manual/Electronic
Shutter	1/50 (1/60) s to 1/10, 000 s
Auto Gain Control	OFF/LOW/HIGH
White Balance	ATW 1/ATW 2/Auto/Manual
Focus	Auto/Once/Manual
Day & Night	Auto/ B/W /External trigger
Slow Shutter	× 256 MAX
Privacy Mask	OFF/ON, Up to 8 zones
Motion Detect	OFF/Mode 1/Mode 2
Video Settings	3D-DNR,Mirror,Definition, Exposure-Compensation,BLC,Electronic image stabilization
Zoom Speed	Level 1-5 adjustable
Digital Zoom	OFF, ×2, ×4, ×6, ×8, ×10, ×12, ×14, ×16
Zoom Ratio Display	ON/OFF
ZCF Control Mode	Mode 1/Mode 2
RS-485	Communication Protocol/Baud Rate/Address
Preset	254
General	
Working Temperature & Humidity	-10°C -60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Power Consumption	4W MAX
Dimension (mm)	64 × 69 × 120
Weight	450g

Dimension



Order Models

DS-2CZ2132P DS-2CZ2132N

Accessories



Indoor wall mount
DS-1212ZJ-S



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CZ2152P(N) (Released)



Key Features

- High performance SONY CCD
- 368x zoom (23x optical zoom, 16x digital zoom)
- Color: 540 TVL, B/W: 600TVL high definition display
- Excellent low Illumination performance: Color:0.2Lux@(F1.6,AGC ON),0.0008Lux@(F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON, sensitivity×256)
- BLC
- IR cut filter auto switch
- Patented auto zoom algorithm
- OSD Menu
- High SNR, clear image
- Auto Iris, AES for different surveillance environment
- 3D-DNR
- Auto iris with DC/video drive

Application Scenarios

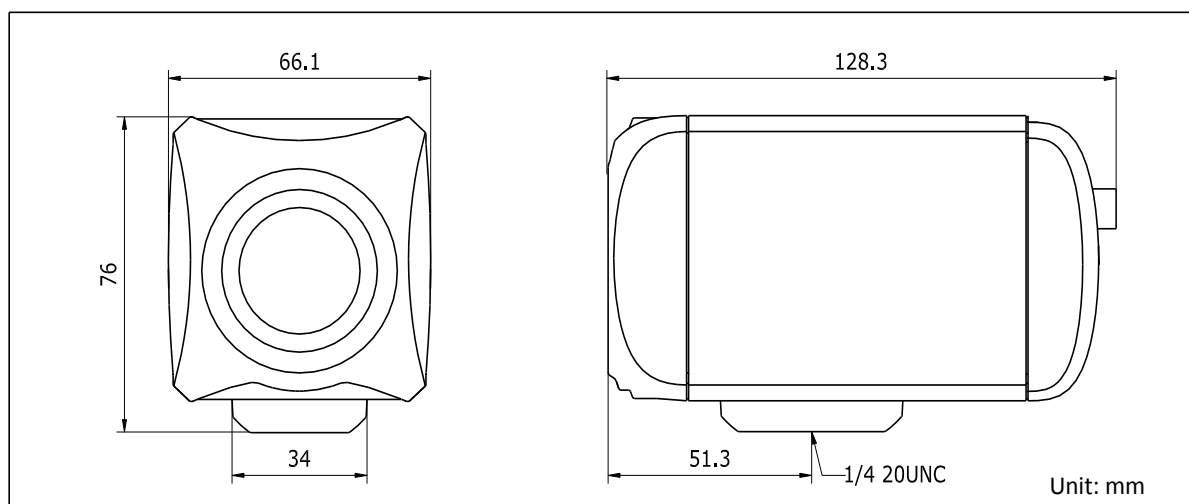
This product can be applied to wide surveillance areas such as large warehouses, perimeter of residential areas, harbors, squares, schools, stations, parks, etc.

Specification

Model	DS-2CZ2152P(N)
	23x CCD ICR Zoom Camera
Parameters	
Camera	
Image Sensor	1/4" SONY Interline Transfer Super HAD-II CCD
Signal System	PAL/NTSC
Effective Pixels	PAL:752(H)×582(V) NTSC:768(H)×494(V)
Min. Illumination	Color: 0.2Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON,

	sensitivity×256)
Shutter Time	1/50 (1/60) s to 1/10, 000 s
Day & Night	IR cut Filter auto switch
Horizontal Resolution	540TVL (Color), 600TVL(B/W)
Synchronization	Internal
Video Out	1Vp-p Composite Output(75Ω/BNC)
S/N Ratio	> 50dB
Lens	
Focal Length	3.84 - 88.4 mm, 23x
Zoom Speed	Approx. 3 s (optical, wide - tele)
Horizontal Viewing Angle	50.2 - 2.36°(wide - tele)
Min. Working Distance	10 - 1500 mm (wide - tele)
Aperture Range	F1.6 - F4.5
Menu	
Camera ID	OFF/ON (0 - 254)
Iris Mode	Auto/Manual/Electronix
Shutter	1/50 (1/60) s to 1/10, 000 s
AGC	OFF/Low/High
White Balance	ATW 1/ATW 2 /Auto/Manual
Focus	Auto/Once/Manual
Day & Night	Auto/ B/W /External trigger
Slow Shutter	× 256 MAX
Privacy Mask	OFF/ON, up to 8 zones
Motion Detect	OFF/Mode 1/Mode 2
Video Settings	3D-DNR,Mirror,Definition, Exposure-Compensation,BLC,Electronic image stabilization
Zoom Speed	Level 1-5 adjustable
Digital Zoom	OFF, ×2, ×4, ×6, ×8, ×10, ×12, ×14, ×16
Zoom Ratio Display	ON/OFF
ZCF Control Mode	Mode 1/ Mode2
RS-485	Communication protocol/Baud rate/Address
Preset	254
General	
Working Temperature	-10°C -60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Power Consumption	4.5W MAX
Dimension(mm)	66.1× 76 × 128.3
Weight	550g

Dimension



Order Models

DS-2CZ2152P DS-2CZ2152N

Accessories



Indoor wall mount
DS-1212ZJ-S



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CZ2152P-IRA (Released)



Key Features

- High performance SONY CCD
- 368x zoom (23x optical zoom, 16x digital zoom)
- Color: 540 TVL, B/W: 600TVL high definition display
- BLC
- IR cut filter auto switch
- Patented auto zoom algorithm
- OSD Menu
- High SNR, clear image
- Auto Iris, AES for different surveillance environment
- Ingress protection: IP66
- IR distance :100m
- 3D-DNR
- Auto iris with DC/video drive

Application Scenarios

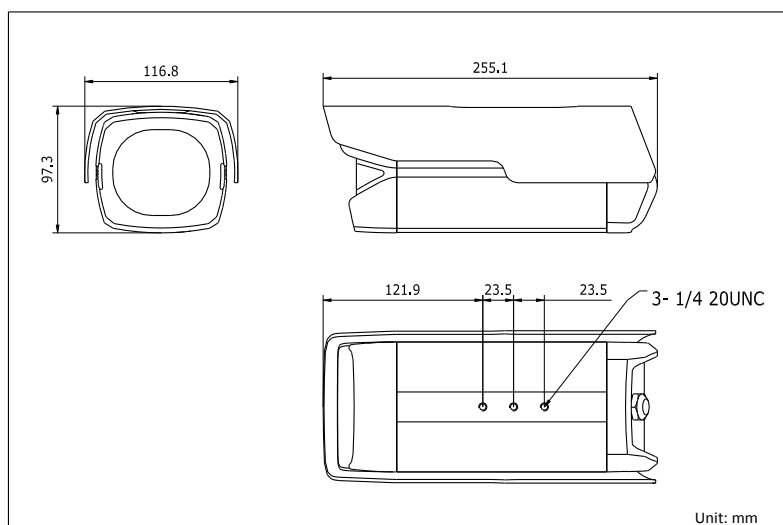
This product can be applied to wide surveillance areas such as large warehouses, perimeter of residential areas, harbors, squares, schools, stations, parks, etc.

Specification

Model	DS-2CZ2152P-IRA
	23x CCD ICR IR Weather-proof Zoom Camera
Parameters	
Camera	
Image Sensor	1/4" SONY Interline Transfer Super HAD-II CCD
Signal System	PAL
Effective Pixels	PAL:752(H)×582(V)
Min. Illumination	Color: 0.2Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.00008Lux @ (F1.6,AGC ON, sensitivity×256),0lux with IR
Day & Night	IR cut Filter auto switch
Horizontal Resolution	540TVL (Color), 600TVL(B/W)

Synchronization	Internal
Video Out	1Vp-p Composite Output(75Ω/BNC)
S/N Ratio	> 50dB
Lens	
Focal Length	3.84 - 88.4 mm, 23x
Zoom Speed	Approx. 3 s (optical, wide - tele)
Horizontal Viewing Angle	50.2 - 2.36°(wide - tele)
Min. Working Distance	10 - 1500 mm (wide - tele)
Aperture Range	F1.6 - F4.5
Menu	
Camera ID	OFF/ON (0 - 254)
Iris Mode	Auto/Manual/Electronix
Shutter	1/50 (1/60) s to 1/10, 000 s
AGC	OFF/Low/High
White Balance	ATW 1/ATW 2 /Auto/Manual
Focus	Auto/Once/Manual
Day & Night	Auto/ B/W /External trigger
Slow Shutter	× 256 MAX
Privacy Mask	OFF/ON, up to 8 zones
Motion Detect	OFF/Mode 1/Mode 2
Video Settings	3D-DNR,Mirror,Definition, Exposure-Compensation,BLC,Electronic image stabilization
Zoom Speed	Level 1-5 adjustable
Digital Zoom	OFF, ×2, ×4, ×6, ×8, ×10, ×12, ×14, ×16
Zoom Ratio Display	ON/OFF
ZCF Control Mode	Mode 1/ Mode2
RS-485	Communication protocol/Baud rate/Address
Preset	254
General	
Working Temperature	-10°C -60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Ingress protection	IP66
IR Range	100m
Power Consumption	15W MAX
Dimension(mm)	116.8×97.3×255.1
Weight	2500g

Dimension



Order Models

DS-2CZ2152P-IRA

Accessories



Indoor/outdoor wall mount
DS-1213ZJ-S

DS-2CZ2182P(N) (Released)



Key Features

- High performance SONY CCD
- 480x zoom (30x optical zoom, 16x digital zoom)
- Color: 540 TVL, B/W: 600TVL high definition display
- Excellent low Illumination performance: Color:0.2Lux@(F1.6,AGC ON),0.0008Lux@(F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON, sensitivity×256)
- BLC
- IR cut filter auto switch
- Patented auto zoom algorithm
- OSD Menu
- High SNR, clear image
- Auto Iris, AES for different surveillance environment
- 3D-DNR
- Auto iris with DC/video drive

Application Scenarios

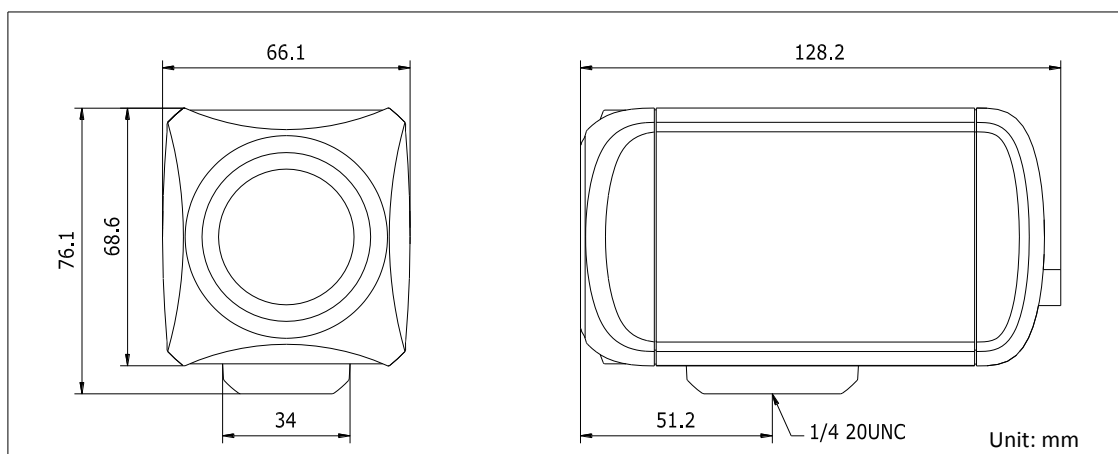
This product can be applied to wide surveillance areas such as large warehouses, perimeter of residential areas, harbors, squares, schools, stations, parks, etc.

Specification

Model	DS-2CZ2182P(N)
Parameters	30x CCD ICR Zoom Camera
Camera	
Image Sensor	1/4" SONY Interline Transfer Super HAD-II CCD
Signal System	PAL/NTSC
Effective Pixels	PAL:752(H)×582(V) NTSC:768(H)×494(V)

Min. Illumination	Color: 0.2Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON, sensitivity×256)
Shutter Time	1/50 (1/60) s to 1/10, 000 s
Day & Night	IR cut Filter auto switch
Horizontal Resolution	540TVL (Color), 600TVL(B/W)
Synchronization	Internal
Video Out	1Vp-p Composite Output(75Ω/BNC)
S/N Ratio	> 50dB
Lens	
Focal Length	3.4 - 102 mm, 30x
Zoom Speed	Approx. 5 s (optical, wide - tele)
Horizontal Viewing Angle	55.8 - 2.0°(wide - tele)
Min. Working Distance	10 - 1500 mm (wide - tele)
Aperture Range	F1.4 – F3.7
Menu	
Camera ID	OFF/ON (0 - 254)
Iris Mode	Auto/Manual/Electronix
Shutter	1/50 (1/60) s to 1/10, 000 s
AGC	OFF/Low/High
White Balance	ATW 1/ATW 2 /Auto/Manual
Focus	Auto/Once/Manual
Day & Night	Auto/ B/W /External trigger
Slow Shutter	× 256 MAX
Privacy Mask	OFF/ON, up to 8 zones
Motion Detect	OFF/Mode 1/Mode 2
Video Settings	3D-DNR,Mirror,Definition, Exposure-Compensation,BLC,Electronic image stabilization
Zoom Speed	Level 1-5 adjustable
Digital Zoom	OFF, ×2, ×4, ×6, ×8, ×10, ×12, ×14, ×16
Zoom Ratio Display	ON/OFF
ZCF Control Mode	Mode 1/ Mode2
RS-485	Communication protocol/Baud rate/Address
Preset	254
General	
Working Temperature	-10°C -60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Power Consumption	4.5W MAX
Dimension(mm)	66.1× 76.1 × 128.2
Weight	550g

Dimension



Order Models

DS-2CZ2182P DS-2CZ2182N

Accessories



Indoor wall mount
DS-1212ZJ-S



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CZ2182P-WD (Released)



Key Features

- High performance SONY CCD
- 480x zoom (30x optical zoom, 16x digital zoom)
- Color: 540 TVL, B/W: 600TVL high definition display
- Excellent low Illumination performance: Color:0.2Lux@(F1.6,AGC ON),0.0008Lux@(F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.00008Lux @ (F1.6,AGC ON, sensitivity×256)
- BLC
- IR cut filter auto switch
- Patented auto zoom algorithm
- OSD Menu
- High SNR, clear image
- Auto Iris, AES for different surveillance environment
- 3D-DNR
- Auto iris with DC/video drive
- WDR

Application Scenarios

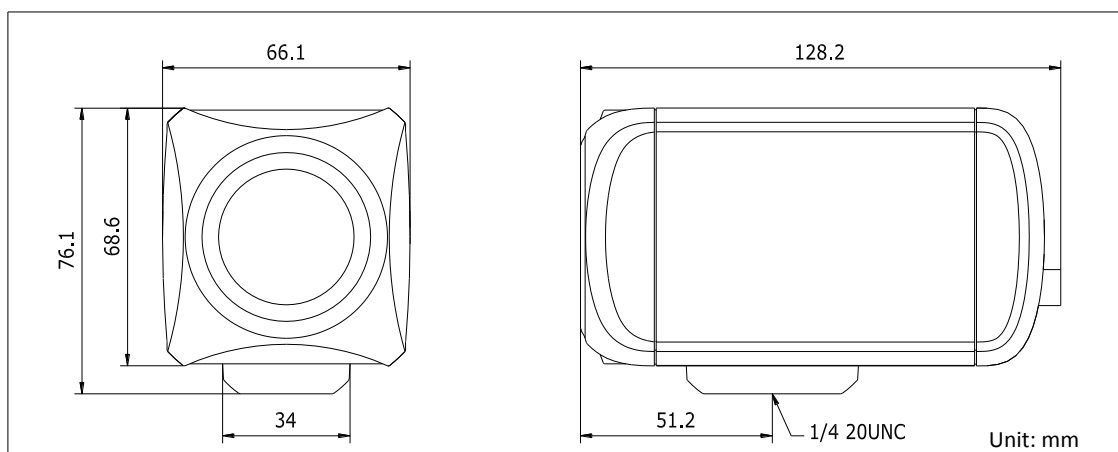
This product can be applied to wide surveillance areas such as large warehouses, perimeter of residential areas, harbors, squares, schools, stations, parks, etc.

Specification

Model	DS-2CZ2182P-WD
	30x CCD WDR ICR Zoom Camera
Camera	
Image Sensor	1/4" SONY Interline Transfer Super HAD-II CCD
Signal System	PAL
Effective Pixels	752(H)×582(V)
Min. Illumination	Color: 0.2Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.00008Lux @ (F1.6,AGC ON,

	sensitivity×256)
Shutter Time	1/50 s to 1/10, 000 s
Day & Night	IR cut Filter auto switch
Horizontal Resolution	540TVL (Color), 600TVL(B/W)
Synchronization	Internal
Video Out	1Vp-p Composite Output(75Ω/BNC)
S/N Ratio	> 50dB
Lens	
Focal Length	3.4 - 102 mm, 30x
Zoom Speed	Approx. 5 s (optical, wide - tele)
Horizontal Viewing Angle	55.8 - 2.0°(wide - tele)
Min. Working Distance	10 - 1500 mm (wide - tele)
Aperture Range	F1.4 – F3.7
Menu	
Camera ID	OFF/ON (0 - 254)
Iris Mode	Auto/Manual/Electronix
Shutter	1/50s to 1/10, 000 s
AGC	OFF/Low/High
White Balance	ATW 1/ATW 2 /Auto/Manual
Focus	Auto/Once/Manual
Day & Night	Auto/ B/W /External trigger
Slow Shutter	× 256 MAX
Privacy Mask	OFF/ON, up to 8 zones
Motion Detect	OFF/Mode 1/Mode 2
WDR	Level 1-8 adjustable
Video Settings	3D-DNR,Mirror,Definition, Exposure-Compensation,BLC,Electronic image stabilization
Zoom Speed	Level 1-5 adjustable
Digital Zoom	OFF, ×2, ×4, ×6, ×8, ×10, ×12, ×14, ×16
Zoom Ratio Display	ON/OFF
ZCF Control Mode	Mode 1/ Mode2
RS-485	Communication protocol/Baud rate/Address
Preset	254
General	
Working Temperature	-10°C -60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC± 10%
Power Consumption	4.5W MAX
Dimension(mm)	66.1× 76.1 × 128.2
Weight	550g

Dimension



Order Models

DS-2CZ2182P-WD

Accessories



Indoor wall mount
DS-1212ZJ-S



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CZ2192P(N) (Released)



Key Features

- High performance SONY CCD
- 576x zoom (36x optical zoom, 16x digital zoom)
- Color: 540 TVL, B/W: 600TVL high definition display
- Excellent low Illumination performance: Color:0.2Lux@(F1.6,AGC ON),0.0008Lux@(F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON, sensitivity×256)
- BLC
- IR cut filter auto switch
- Patented auto zoom algorithm
- OSD Menu
- High SNR, clear image
- Auto Iris, AES for different surveillance environment
- 3D-DNR
- Auto iris with DC/video drive

Application Scenarios

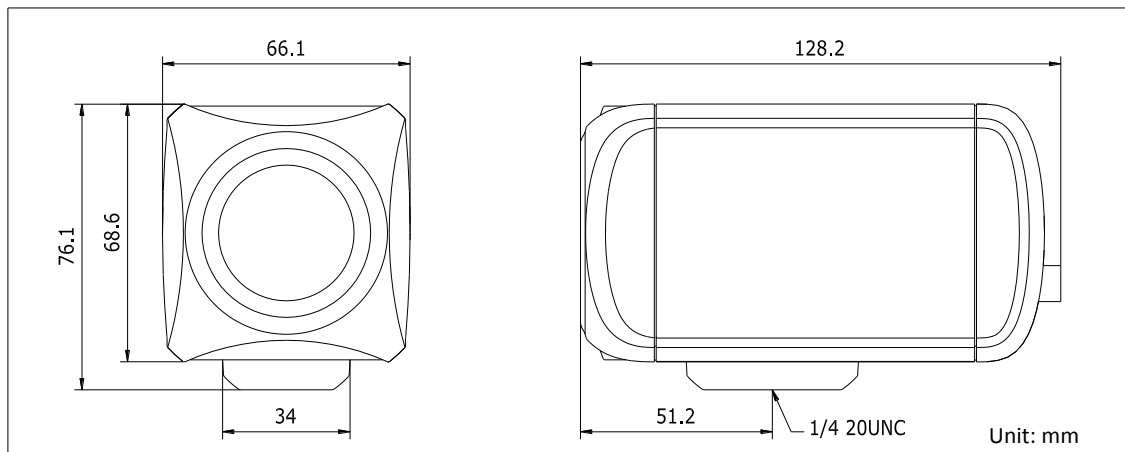
This product can be applied to wide surveillance areas such as large warehouses, perimeter of residential areas, harbors, squares, schools, stations, parks, etc.

Specification

Model	DS-2CZ2192P(N)
	36x CCD ICR Zoom Camera
Parameters	
Camera	
Image Sensor	1/4" SONY Interline Transfer Super HAD-II CCD
Signal System	PAL/NTSC
Effective Pixels	PAL:752(H)×582(V) NTSC:768(H)×494(V)
Min. Illumination	Color: 0.2Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON,

	sensitivity×256)
Shutter Time	1/50 (1/60) s to 1/10, 000 s
Day & Night	IR cut Filter auto switch
Horizontal Resolution	540TVL (Color), 600TVL(B/W)
Synchronization	Internal
Video Out	1Vp-p Composite Output(75Ω/BNC)
S/N Ratio	> 50dB
Lens	
Focal Length	3.3 - 119 mm, 36x
Zoom Speed	Approx.6 s (optical, wide - tele)
Horizontal Viewing Angle	57.1 - 1.7°(wide - tele)
Min. Working Distance	10 - 1500 mm (wide - tele)
Aperture Range	F1.4 – F4.2
Menu	
Camera ID	OFF/ON (0 - 254)
Iris Mode	Auto/Manual/Electronix
Shutter	1/50 (1/60) s to 1/10, 000 s
AGC	OFF/Low/High
White Balance	ATW 1/ATW 2 /Auto/Manual
Focus	Auto/Once/Manual
Day & Night	Auto/ B/W /External trigger
Slow Shutter	× 256 MAX
Privacy Mask	OFF/ON, up to 8 zones
Motion Detect	OFF/Mode 1/Mode 2
Video Settings	3D-DNR,Mirror,Definition, Exposure-Compensation,BLC,Electronic image stabilization
Zoom Speed	Level 1-5 adjustable
Digital Zoom	OFF, ×2, ×4, ×6, ×8, ×10, ×12, ×14, ×16
Zoom Ratio Display	ON/OFF
ZCF Control Mode	Mode 1/ Mode2
RS-485	Communication protocol/Baud rate/Address
Preset	254
General	
Working Temperature	-10°C -60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Power Consumption	5W MAX
Dimension(mm)	66.1× 76.1 × 128.2
Weight	550g

Dimension



Order Models

DS-2CZ2192P DS-2CZ2192N

Accessories



Indoor wall mount
DS-1212ZJ-S



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CZ2192P-WD(Released)



Key Features

- High performance SONY CCD
- 576x zoom (36x optical zoom, 16x digital zoom)
- Color: 540 TVL, B/W: 600TVL high definition display
- Excellent low Illumination performance: Color:0.2Lux@(F1.6,AGC ON),0.0008Lux@(F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.00008Lux @ (F1.6,AGC ON, sensitivity×256)
- BLC
- IR cut filter auto switch
- Patented auto zoom algorithm
- OSD Menu
- High SNR, clear image
- Auto Iris, AES for different surveillance environment
- 3D-DNR
- Auto iris with DC/video drive
- WDR

Application Scenarios

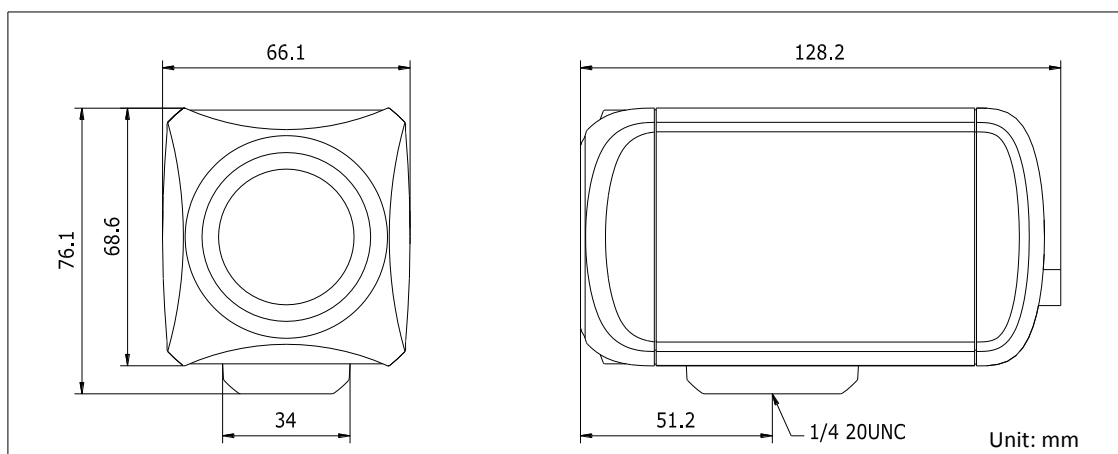
This product can be applied to wide surveillance areas such as large warehouses, perimeter of residential areas, harbors, squares, schools, stations, parks, etc.

Specification

Model	DS-2CZ2192P-WD
	36x CCD WDR ICR Zoom Camera
Parameters	
Camera	
Image Sensor	1/4" SONY Interline Transfer Super HAD-II CCD
Signal System	PAL
Effective Pixels	752(H)×582(V)
Min. Illumination	Color: 0.2Lux @ (F1.6,AGC ON),0.0008Lux @ (F1.6,AGC ON, sensitivity×256). B/W:0.02Lux @ (F1.6,AGC ON),0.00008Lux @ (F1.6,AGC ON,

	sensitivity×256)
Shutter Time	1/50 s to 1/10, 000 s
Day & Night	IR cut Filter auto switch
Horizontal Resolution	540TVL (Color), 600TVL(B/W)
Synchronization	Internal
Video Out	1Vp-p Composite Output(75Ω/BNC)
S/N Ratio	> 50dB
Lens	
Focal Length	3.3 - 119 mm, 36x
Zoom Speed	Approx.6 s (optical, wide - tele)
Horizontal Viewing Angle	57.1 - 1.7°(wide - tele)
Min. Working Distance	10 - 1500 mm (wide - tele)
Aperture Range	F1.4 – F4.2
Menu	
Camera ID	OFF/ON (0 - 254)
Iris Mode	Auto/Manual/Electronix
Shutter	1/50 s to 1/10, 000 s
AGC	OFF/Low/High
White Balance	ATW 1/ATW 2 /Auto/Manual
Focus	Auto/Once/Manual
Day & Night	Auto/ B/W /External trigger
Slow Shutter	× 256 MAX
Privacy Mask	OFF/ON, up to 8 zones
Motion Detect	OFF/Mode 1/Mode 2
WDR	Level 1-8 adjustable
Video Settings	3D-DNR,Mirror,Definition, Exposure-Compensation,BLC,Electronic image stabilization
Zoom Speed	Level 1-5 adjustable
Digital Zoom	OFF, ×2, ×4, ×6, ×8, ×10, ×12, ×14, ×16
Zoom Ratio Display	ON/OFF
ZCF Control Mode	Mode 1/ Mode2
RS-485	Communication protocol/Baud rate/Address
Preset	254
General	
Working Temperature	-10°C -60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC± 10%
Power Consumption	5W MAX
Dimension(mm)	66.1× 76.1 × 128.2
Weight	550g

Dimension



Order Models

DS-2CZ2192P-WD

Accessories



Indoor wall mount
DS-1212ZJ-S



Indoor/outdoor wall mount
DS-1213ZJ



Indoor/outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

Integrated Camera Driver

Key Features

- 30,000 hours MTBF
- New generation SONY CCD with excellent low illumination performance, up to 540 TVL display
- Offer digital interface, high SNR
- Chinese/English OSD overlay, adjustable saturation and definition
- Standard interface, compatible with universal protocol for secondary development
- Fastest zoom speed: 2 s

Application Scenarios

This product can be applied to various kinds of domes and PTZ for surveillance purposes.

DS-2CM2102P (N) (Released)

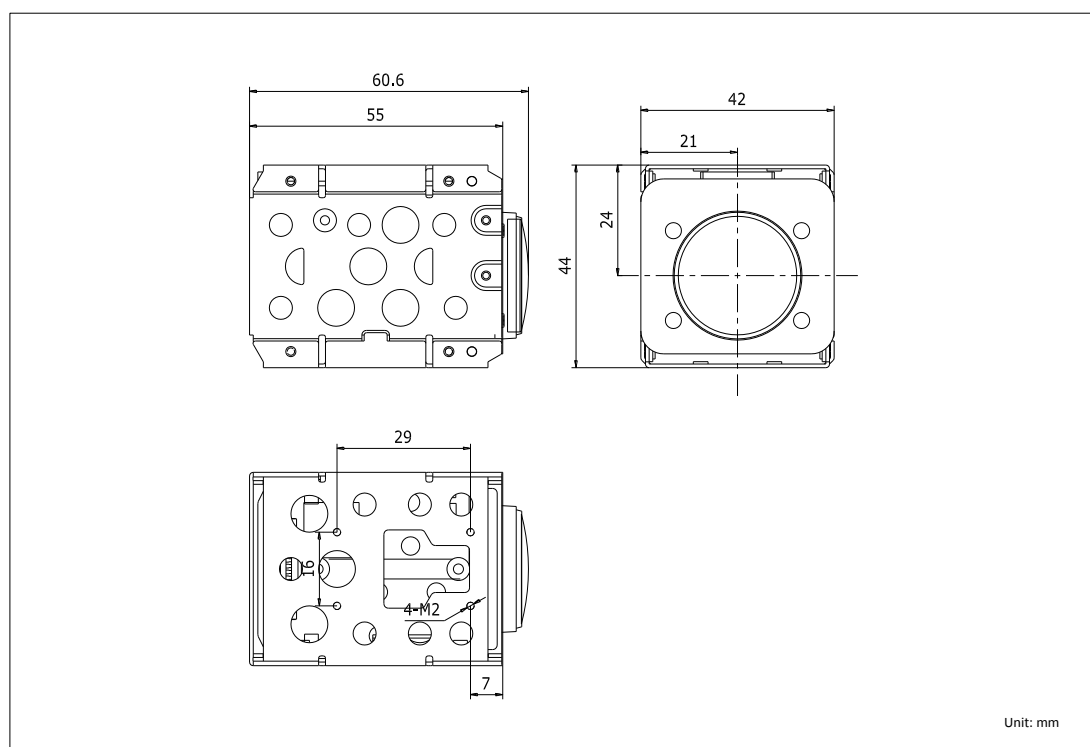


Specification

Model	DS-2CM2102P (N)
Parameter	12x CCD ICR Zoom Camera Driver
Camera	
Image Sensor	1/4" SONY Interline Transfer Super HAD-II CCD
Signal System	PAL/NTSC
Effective Pixel	PAL: 752 (Horizontal) × 582 (Vertical) NTSC: 768 (Horizontal) × 494 (Vertical)
Min. Illumination	Color: 0.2Lux@(F1.6, AGC ON), 0.0008Lux@ (F1.6, AGC ON, sensitivity×256) B/W: 0.02Lux@(F1.6, AGC ON), 0.0008Lux@ (F1.6, AGC ON, sensitivity×256)
Shutter Time	1/50 (1/60) s to 1/10,000 s
Day & Night	IR cut filter auto switch
Horizontal Resolution	540 TVL (Color), 600 TVL (B/W)
Synchronization	Internal synchronization
Video output	1Vp-p composite output
S/N Ratio	> 50 dB
Lens	
Focal Length	3.80 - 45.6 mm, 12x
Zoom Speed	Approx. 2 s (optical, wide-tele)
Horizontal View Angle	50.69 - 4.52° (wide-tele)
Min. Working Distance	10 - 1500 mm (wide-tele)
Aperture Range	F1.6 – F2.7
Function	
Camera ID	On/Off (up to 20 characters OSD, position adjustable)
Exposure	Auto/Manual/Iris Prio/Shutter Prio
Shutter Time	1/50 (1/60) s to 1/10,000 s
Auto Gain	Auto/Manual
Slow Shutter	× 256 MAX
White Balance	Auto/Indoor/Outdoor/ONE WB/Auto Trace

Focus Config	AUTO/ONCE/MANUAL
Digital Zoom	Up to 16 x
Day & Night	Auto/ Color / B/W
Private Mask	Off/On, up to 8 zones
BLC	OFF/ON
Definition	Level 1-16 adjustable
Electronic image stabilization	OFF/ON
Mirror	OFF/ON
DNR	ON/OFF
Contrast	Level 1-8 adjustable
Saturation	Level 1-8 adjustable
Image Freezing	OFF/ON
Communication Interface	9-pin connector compatible with universal protocol (9.6 Kbps, 19.2 Kbps, 38.4 Kbps, stop bit: 1)
General	
Working Temperature / Humidity	-10 °C - 60 °C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Power Consumption	2.4 W MAX
Dimension (mm)	42 × 44 × 60.6
Weight	200 g

Dimension



Order Models

DS-2CM2102P DS-2CM2102N

DS-2CM2114P (N) (Released)

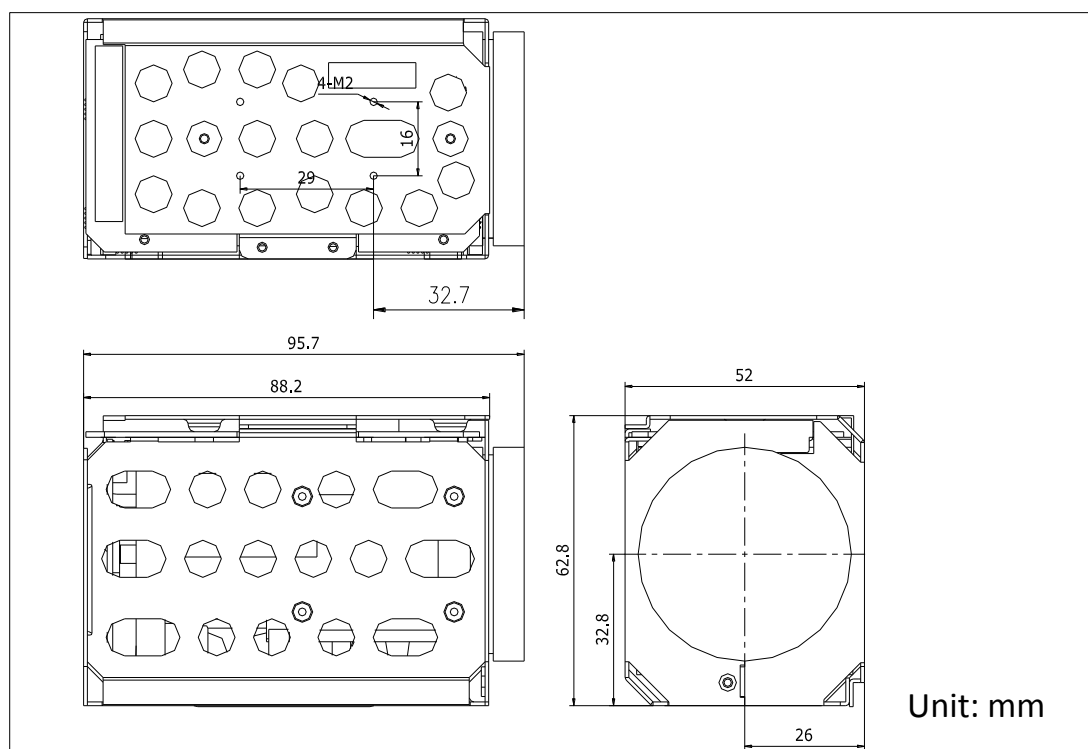


Specification

Model	DS-2CM2114P (N)
Parameter	18x CCD ICR Zoom Camera Driver
Camera	
Image Sensor	1/3" SONY Interline Transfer EXview HAD-II CCD
Signal System	PAL/NTSC
Effective Pixel	PAL: 976 (Horizontal) × 582 (Vertical) NTSC: 976 (Horizontal) × 494 (Vertical)
Min. Illumination	Color: 0.1Lux@ (F1.4, AGC ON), 0.0008Lux@ (F1.4, AGC ON, sensitivity×256) B/W: 0.01Lux@ (F1.4, AGC ON), 0.0008Lux@ (F1.4, AGC ON, sensitivity×256)
Shutter Time	1/50 (1/60) s to 1/10,000 s
Day & Night	IR cut filter auto switch
Horizontal Resolution	650 TVL (Color), 700 TVL (B/W)
Synchronization	Internal synchronization
Video output	1Vp-p composite output
S/N Ratio	> 50 dB
Lens	
Focal Length	4.7-84.6mm, 18x
Zoom Speed	Approx. 3 s (optical, wide-tele)
Horizontal View Angle	54.1 – 3.2° (wide-tele)
Min. Working Distance	10 - 1500 mm (wide-tele)
Aperture Range	F1.4 – F2.6
Function	
Camera ID	On/Off (up to 20 characters OSD, position adjustable)
Exposure	Auto/Manual/Iris Prio/Shutter Prio
Shutter Time	1/50 (1/60) s to 1/10,000 s
Auto Gain	Auto/Manual
White Balance	Auto/Indoor/Outdoor/ONE WB/Auto Trace
Slow Shutter	× 256 MAX
Focus Config	AUTO/ONCE/MANUAL

Digital Zoom	Up to 16 x
Day & Night	Auto/ Color / B/W
Private Mask	Off/On, up to 8 zones
BLC	OFF/ON
Definition	Level 1-16 adjustable
Electronic image stabilization	OFF/ON
Mirror	OFF/ON
DNR	ON/OFF
Contrast	Level 1-8 adjustable
Saturation	Level 1-8 adjustable
Image Freezing	OFF/ON
Communication Interface	9-pin connector compatible with universal protocol (9.6 Kbps, 19.2 Kbps, 38.4 Kbps, stop bit: 1)
General	
Working Temperature / Humidity	-10 °C - 60 °C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Power Consumption	4 W MAX
Dimension (mm)	52 × 62.8 × 95.7
Weight	370 g

Dimension



Order Models

DS-2CM2114P DS-2CM2114N

DS-2CM2132P (N) (Released)

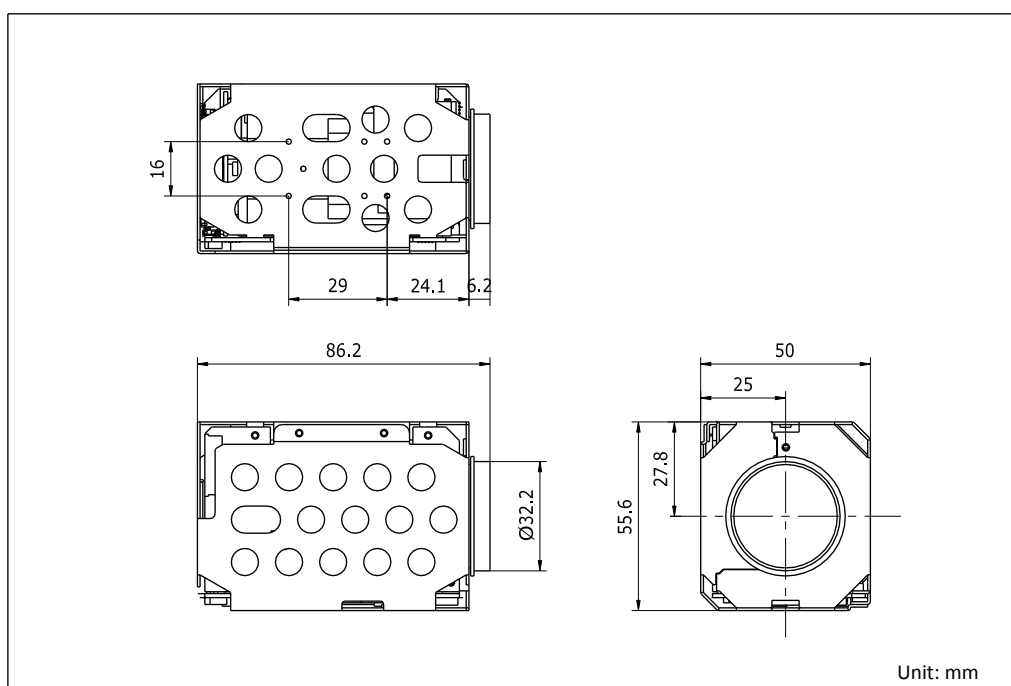


Specification

Model	DS-2CM2132P (N)
Parameter	22x CCD Zoom Camera Driver
Camera	
Image Sensor	1/4" SONY Interline Transfer Super HAD-II CCD
Signal System	PAL/NTSC
Effective Pixel	PAL: 752 (Horizontal) × 582 (Vertical) NTSC: 768 (Horizontal) × 494 (Vertical)
Min. Illumination	0.2Lux@ (F1.6, AGC ON), 0.0008Lux@ (F1.6, AGC ON, sensitivity×256)
Shutter Time	1/50 (1/60) s to 1/10,000 s
Day & Night	Electronic
Horizontal Resolution	540 TVL
Synchronization	Internal synchronization
Video output	1Vp-p composite output
S/N Ratio	> 50 dB
Lens	
Focal Length	3.9 - 85.8 mm, 22x
Zoom Speed	Approx. 3 s (optical, wide-tele)
Horizontal View Angle	49.6 - 2.40° (wide-tele)
Min. Working Distance	10 - 1500 mm (wide-tele)
Aperture Range	F1.6 - F3.7
Function	
Camera ID	On/Off (up to 20 characters OSD, position adjustable)
Exposure	Auto/Manual/Iris Prio/Shutter Prio
Shutter Time	1/50 (1/60) s to 1/10,000 s
Auto Gain	Auto/Manual
Slow Shutter	× 256 MAX
White Balance	Auto/Indoor/Outdoor/ONE WB/Auto Trace
Focus Config	AUTO/ONCE/MANUAL
Digital Zoom	Up to 16 x
Day & Night	Auto/ Color / B/W
Private Mask	Off/On, up to 8 zones

BLC	OFF/ON
Definition	Level 1-16 adjustable
Electronic image stabilization	OFF/ON
Mirror	OFF/ON
DNR	ON/OFF
Contrast	Level 1-8 adjustable
Saturation	Level 1-8 adjustable
Image Freezing	OFF/ON
Communication Interface	9-pin connector compatible with universal protocol (9.6 Kbps, 19.2 Kbps, 38.4 Kbps, stop bit: 1)
General	
Working Temperature / Humidity	-10 °C - 60 °C , Humidity: ≤ 90% (no condensation)
Power Supply	9 V DC - 12 V DC
Power Consumption	3.5 W MAX
Dimension (mm)	50 × 55.6 × 86.2
Weight	235 g

Dimension



Order Models

DS-2CM2132P DS-2CM2132N

DS-2CM2152P (N) (Released)

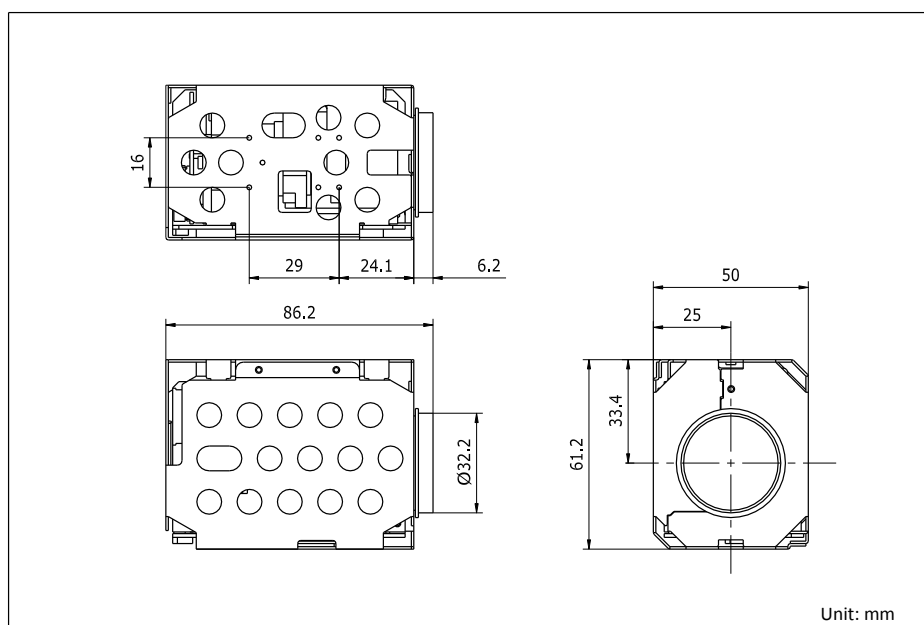


Specification

Model	DS-2CM2152P (N)
Parameter	23x CCD ICR Zoom Camera Driver
Camera	
Image Sensor	1/4" SONY Interline Transfer Super HAD-II CCD
Signal System	PAL/NTSC
Effective Pixel	PAL: 752 (Horizontal) × 582 (Vertical) NTSC: 768 (Horizontal) × 494 (Vertical)
Min. Illumination	Color: 0.2Lux@ (F1.6, AGC ON), 0.0008Lux@ (F1.6, AGC ON, sensitivity×256). B/W: 0.02Lux @ (F1.6, AGC ON), 0.0008Lux @ (F1.6, AGC ON, sensitivity×256)
Shutter Time	1/50 (1/60) s to 1/10,000 s
Day & Night	IR cut filter auto switch
Horizontal Resolution	540 TVL (Color), 600 TVL (B/W)
Synchronization	Internal synchronization
Video output	1 Vp-p composite output
S/N Ratio	> 50 dB
Lens	
Focal Length	3.84 - 88.4 mm, 23x
Zoom Speed	Approx. 3 s (optical, wide-tele)
Horizontal View Angle	50.2 - 2.36° (wide-tele)
Min. Working Distance	10-1500mm(wide-tele)
Aperture Range	F1.6 - F4.5
Function	
Camera ID	On/Off (up to 20 characters OSD, position adjustable)
Exposure	Auto/Manual/Iris Prio/Shutter Prio
Shutter Time	1/50 (1/60) s to 1/10,000 s
Auto Gain	Auto/Manual (0 db - 28 db adjustable)
Slow Shutter	× 256 MAX
White Balance	Auto/Indoor/Outdoor/ONE WB/Auto Trace
Focus Config	AUTO/ONCE/MANUAL

Digital Zoom	Up to 16 x
Day & Night	Auto/ Color / B/W
Private Mask	Off/On, up to 8 zones
BLC	OFF/ON
Definition	Level 1-16 adjustable
Electronic image stabilization	OFF/ON
Mirror	OFF/ON
DNR	ON/OFF
Contrast	Level 1-8 adjustable
Saturation	Level 1-8 adjustable
Image Freezing	OFF/ON
Communication Interface	9-pin connector compatible with universal protocol (9.6 Kbps, 19.2 Kbps, 38.4 Kbps, stop bit: 1)
General	
Working Temperature / Humidity	-10°C - 60°C , Humidity: ≤ 90% (no condensation)
Power Supply	DC 12V ± 10%
Power Consumption	4 W MAX
Dimension (mm)	50 × 61.2 × 86.2
Weight	370 g

Dimension



Order Models

DS-2CM2152P

DS-2CM2152N

DS-2CM2182P(N) (Released)

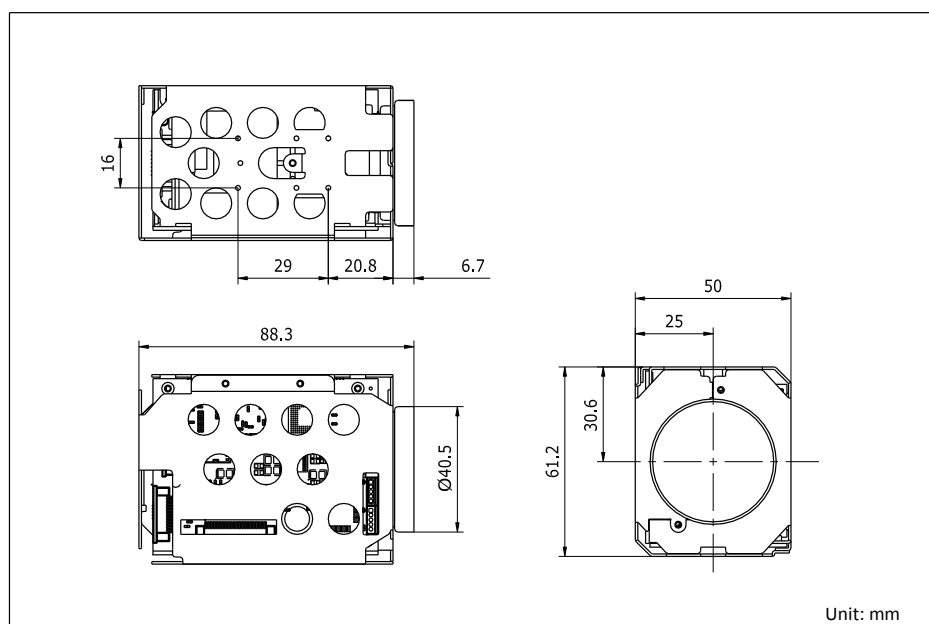


Specification

Parameter	Model	DS-2CM2182P(N)
		30x CCD ICR Zoom Camera Driver
Camera		
Image Sensor		1/4" SONY interline transfer super HAD-II CCD
Signal System		PAL / NTSC
Effective Pixel		PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)
Min. Illumination		Color: 0.2 Lux @ (F1.6, AGC ON), 0.0008 Lux @ (F1.6, AGC ON, sensitivity × 256) B/W: 0.02 Lux @ (F1.6, AGC ON), 0.00008 Lux @ (F1.6, AGC ON, sensitivity × 256)
Day & Night		IR cut filter auto switch
Horizontal Resolution		540 TVL (Color), 600 TVL (B/W)
Synchronization		Internal synchronization
Video Output		1 Vp-p composite output
S/N Ratio		> 50dB
Lens		
Focal Length		3.4 - 102 mm, 30x
Zoom speed		Approx. 5 s (optical, wide-tele)
Angle of View		55.8 - 2.0° (wide-tele)
Min. Working Range		10 - 1500 mm (wide-tele)
Aperture Range		F1.4 – F3.7
Function		
Camera ID		On/Off (up to 20 characters OSD, position adjustable)
Exposure Mode		Auto/Manual/Iris Prio/Shutter Prio
Shutter Time		1/50 (1/60) s to 1/10,000 s
Auto Gain		Auto / Manual
Slow Shutter		× 256 MAX
White Balance		Auto / Indoor / Outdoor / One WB / ATW
Focus Mode		Auto/Once/Manual
Digital Zoom		16x
Day & Night		Auto / Color / B/W

Privacy Mask	On/Off, up to 8 zones
BLC	OFF/ON
Definition	Level 1-16 adjustable
Electronic image stabilization	OFF/ON
Mirror	OFF/ON
DNR	ON/OFF
Contrast	Level 1-8 adjustable
Saturation	Level 1-8 adjustable
Image Freezing	OFF/ON
Communication Interface	9-pin connector compatible with universal protocol (9.6 Kbps, 19.2 Kbps, 38.4 Kbps, stop bit: 1)
General	
Working Temperature & Humidity	-10°C - 60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Power Consumption	4 W MAX
Dimension(mm)	50 × 61.2 × 88.3
Weight	370 g

imension



Order Models

DS-2CM2182P

DS-2CM2182N

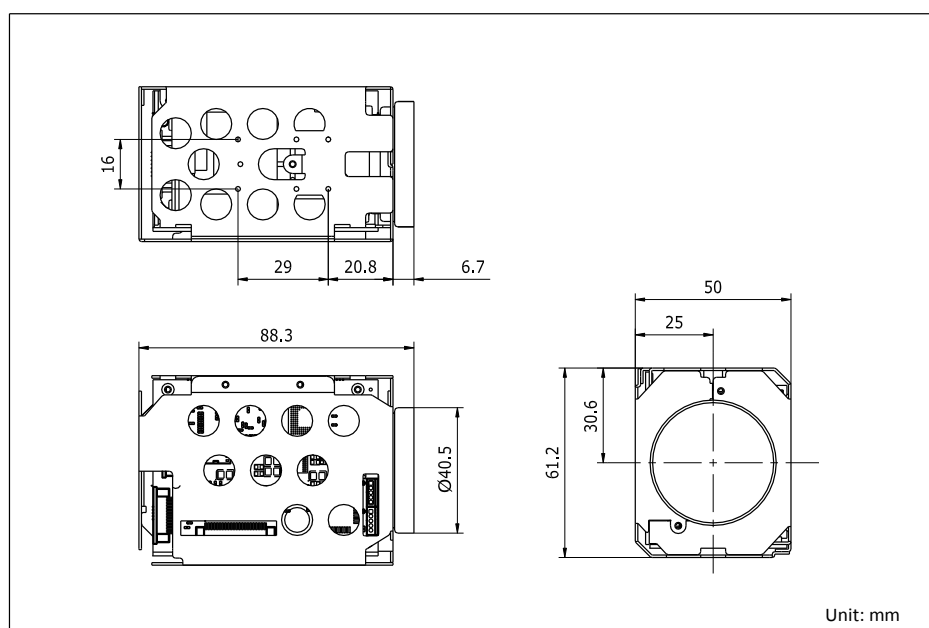
DS-2CM2182P-WD (Released)

Specification

Parameter	Model	DS-2CM2182P-WD
		30x CCD ICR Zoom Camera Driver
Camera		
Image Sensor		1/4" SONY interline transfer super HAD-II CCD
Signal System		PAL
Effective Pixel		PAL: 752 (H)×582 (V)
Min. Illumination		Color: 0.2 Lux @ (F1.6, AGC ON), 0.0008 Lux @ (F1.6, AGC ON, sensitivity × 256) B/W: 0.02 Lux @ (F1.6, AGC ON), 0.00008 Lux @ (F1.6, AGC ON, sensitivity × 256)
Day & Night		IR cut filter auto switch
Horizontal Resolution		540 TVL (Color), 600 TVL (B/W)
Synchronization		Internal synchronization
Video Output		1 Vp-p composite output
S/N Ratio		> 50dB
Lens		
Focal Length		3.4 - 102 mm, 30x
Zoom speed		Approx. 5 s (optical, wide-tele)
Angle of View		55.8 - 2.0° (wide-tele)
Min. Working Range		10 - 1500 mm (wide-tele)
Aperture Range		F1.4 – F3.7
Function		
Camera ID		On/Off (up to 20 characters OSD, position adjustable)
Exposure Mode		Auto/Manual/Iris Prio/Shutter Prio
Shutter Time		1/50 s to 1/10,000 s
Auto Gain		Auto / Manual
Slow Shutter		× 256 MAX
White Balance		Auto / Indoor / Outdoor / One WB / ATW
Focus Mode		Auto/Once/Manual
Digital Zoom		16x
Day & Night		Auto / Color / B/W
WDR		OFF/ON
Privacy Mask		On/Off, up to 8 zones

BLC	OFF/ON
Definition	Level 1-16 adjustable
Electronic image stabilization	OFF/ON
Mirror	OFF/ON
DNR	ON/OFF
Contrast	Level 1-8 adjustable
Saturation	Level 1-8 adjustable
Image Freezing	OFF/ON
Communication Interface	9-pin connector compatible with universal protocol (9.6 Kbps, 19.2 Kbps, 38.4 Kbps, stop bit: 1)
General	
Working Temperature & Humidity	-10°C - 60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Power Consumption	4 W MAX
Dimension(mm)	50 × 61.2 × 88.3
Weight	370 g

Dimension



Order Models

DS-2CM2182P-WD

DS-2CM2192P(N) (Released)

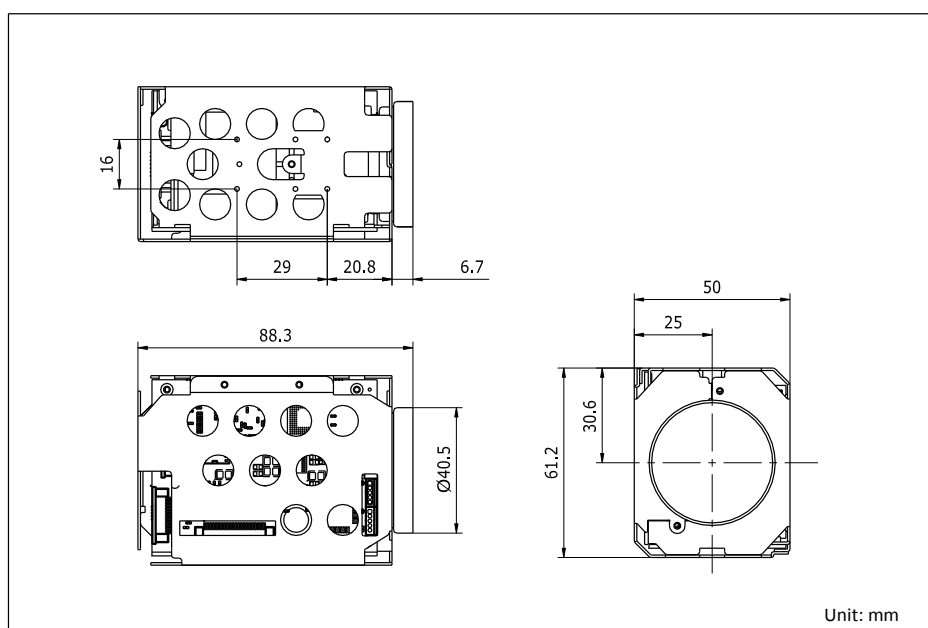


Specification

Parameter	Model	DS-2CM2192P(N)
		36x CCD ICR Zoom Camera Driver
Camera		
Image Sensor		1/4" SONY interline transfer super HAD-II CCD
Signal System		PAL / NTSC
Effective Pixel		PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)
Min. Illumination		Color: 0.2 Lux @ (F1.6, AGC ON), 0.0008 Lux @ (F1.6, AGC ON, sensitivity × 256) B/W: 0.02 Lux @ (F1.6, AGC ON), 0.00008 Lux @ (F1.6, AGC ON, sensitivity × 256)
Day & Night		IR cut filter auto switch
Horizontal Resolution		540 TVL (Color), 600 TVL (B/W)
Synchronization		Internal synchronization
Video Output		1 Vp-p composite output
S/N Ratio		> 50dB
Lens		
Focal Length		3.3 - 119 mm, 36x
Zoom speed		Approx. 6 s (optical, wide-tele)
Angle of View		57.1 - 1.7° (wide-tele)
Min. Working Range		10 - 1500 mm (wide-tele)
Aperture Range		F1.4 - F4.2
Function		
Camera ID		On/Off (up to 20 characters OSD, position adjustable)
Exposure Mode		Auto/Manual/Iris Prio/Shutter Prio
Shutter Time		1/50 (1/60) s to 1/10,000 s
Auto Gain		Auto / Manual
Slow Shutter		× 256 MAX
White Balance		Auto / Indoor / Outdoor / One WB / ATW
Focus Mode		Auto/Once/Manual
Digital Zoom		16x
Day & Night		Auto / Color / B/W
Privacy Mask		On/Off, up to 8 zones

BLC	OFF/ON
Definition	Level 1-16 adjustable
Electronic image stabilization	OFF/ON
Mirror	OFF/ON
DNR	ON/OFF
Contrast	Level 1-8 adjustable
Saturation	Level 1-8 adjustable
Image Freezing	OFF/ON
Communication Interface	9-pin connector compatible with universal protocol (9.6 Kbps, 19.2 Kbps, 38.4 Kbps, stop bit: 1)
General	
Working Temperature & Humidity	-10°C - 60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Power Consumption	4 W MAX
Dimension(mm)	50 × 61.2 × 88.3
Weight	370 g

Dimension



Order Models

DS-2CM2192P

DS-2CM2192N

DS-2CM2192P-WD (Released)

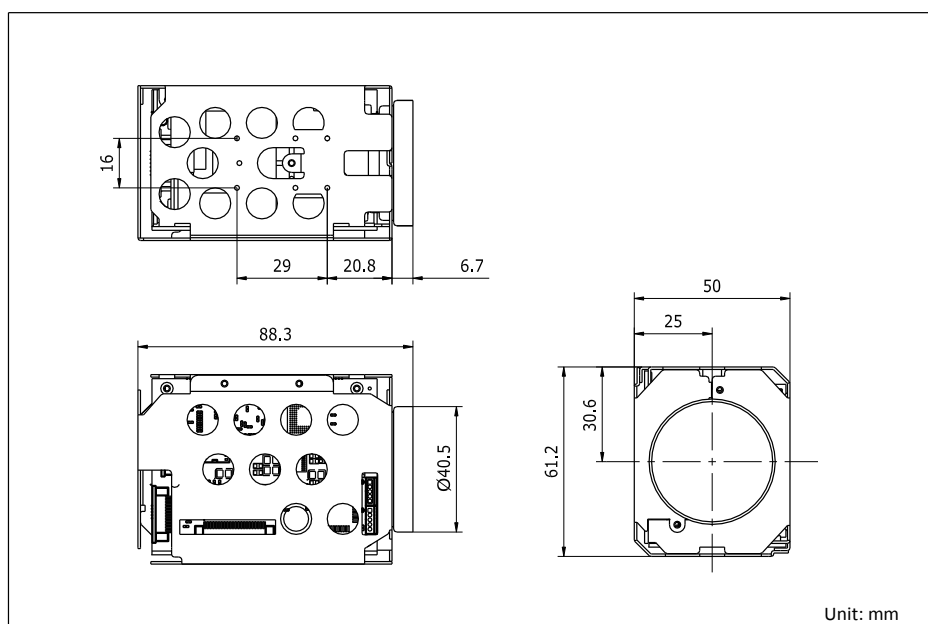


Specification

Parameter	Model	DS-2CM2192P-WD
		36x CCD ICR Zoom Camera Driver
Camera		
Image Sensor		1/4" SONY interline transfer super HAD-II CCD
Signal System		PAL
Effective Pixel		PAL: 752 (H)×582 (V)
Min. Illumination		Color: 0.2 Lux @ (F1.6, AGC ON), 0.0008 Lux @ (F1.6, AGC ON, sensitivity × 256) B/W: 0.02 Lux @ (F1.6, AGC ON), 0.00008 Lux @ (F1.6, AGC ON, sensitivity × 256)
Day & Night		IR cut filter auto switch
Horizontal Resolution		540 TVL (Color), 600 TVL (B/W)
Synchronization		Internal synchronization
Video Output		1 Vp-p composite output
S/N Ratio		> 50dB
Lens		
Focal Length		3.3 - 119 mm, 36x
Zoom speed		Approx. 6 s (optical, wide-tele)
Angle of View		57.1 - 1.7° (wide-tele)
Min. Working Range		10 - 1500 mm (wide-tele)
Aperture Range		F1.4 - F4.2
Function		
Camera ID		On/Off (up to 20 characters OSD, position adjustable)
Exposure Mode		Auto/Manual/Iris Prio/Shutter Prio
Shutter Time		1/50 s to 1/10,000 s
Auto Gain		Auto / Manual
Slow Shutter		× 256 MAX
White Balance		Auto / Indoor / Outdoor / One WB / ATW
Focus Mode		Auto/Once/Manual
Digital Zoom		16x
Day & Night		Auto / Color / B/W
WDR		OFF/ON

Privacy Mask	On/Off, up to 8 zones
BLC	OFF/ON
Definition	Level 1-16 adjustable
Electronic image stabilization	OFF/ON
Mirror	OFF/ON
DNR	ON/OFF
Contrast	Level 1-8 adjustable
Saturation	Level 1-8 adjustable
Image Freezing	OFF/ON
Communication Interface	9-pin connector compatible with universal protocol (9.6 Kbps, 19.2 Kbps, 38.4 Kbps, stop bit: 1)
General	
Working Temperature & Humidity	-10°C - 60°C , Humidity: ≤ 90% (no condensation)
Power Supply	12 V DC ± 10%
Power Consumption	4 W MAX
Dimension(mm)	50 × 61.2 × 88.3
Weight	370 g

imension



Order Models

DS-2CM2192P-WD

Standard Network Camera

DS-2CD893PF(NF)-E(W) (Released)



Key Features

- Real time video at 4CIF
- Standard video compression with high compression ratio
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model Parameter	DS-2CD893PF-E(W)/DS-2CD893NF-E(W)
	4CIF CCD ICR Network Box Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Min. Illumination	Color: 0.02 Lux @ (F1.2, AGC ON) B/W: 0.002 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 (1/30) s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps

Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	PAL: 704 × 576 NTSC: 704 × 480
Frame Rate	PAL: 25 fps (704 × 576) NTSC: 30 fps (704 × 480)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17 ±1.5dBm @ 11Mbps 11g: 14 ±1.5dBm @ 54Mbps 11n: 12.5 ±1.5dBm
Receive	11b: -90dBm @ 11Mbps (Typical)

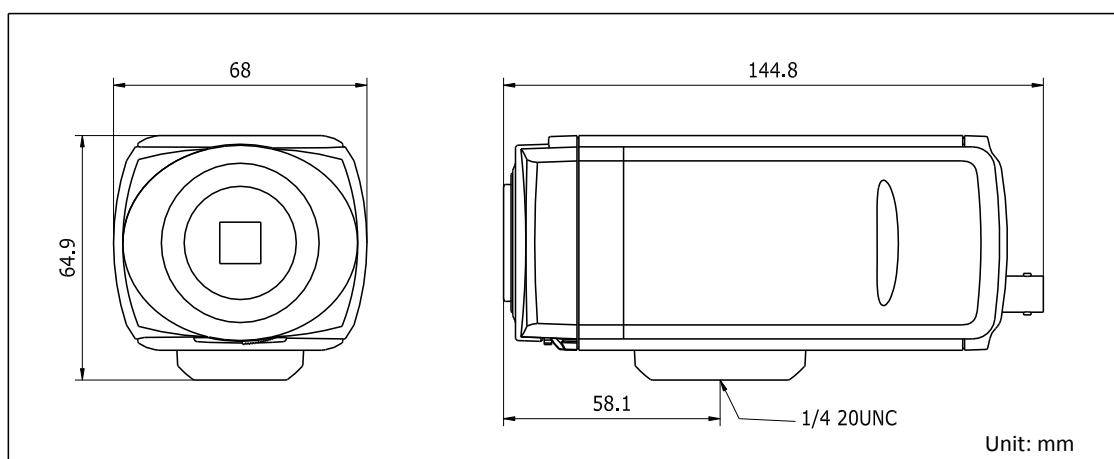
Sensitivity	11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 6 W (Max. 9 W with IR cut filter on) -W: Max. 7.5 W (Max. 10.5W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.67" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

* "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1x protocol.

Order Models

DS-2CD893PF-E, DS-2CD893NF-E
DS-2CD893PF-EW, DS-2CD893NF-EW

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD893PFWD(NFWD)-E(W) (Released)



Key Features

- Real time video at 4CIF
- Standard video compression with high compression ratio
- 160 X Wide Dynamic Range, suitable for strong backlight environment
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD893PFWD-E(W)/DS-2CD893NFWD-E(W)
Parameter	4CIF CCD WDR ICR Network Box Camera
Camera	
Image Sensor	1/3" SONY vertical double density interline CCD
Signal System	PAL/NTSC
Min. Illumination	Color: 0.1 Lux @ (F1.2, AGC ON) B/W: 0.01 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 (1/30) s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Wide Dynamic Range	160 X
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio	G.711/G.726

Compression	
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	PAL: 704 × 576 NTSC: 704 × 480
Frame Rate	PAL: 25 fps (704 × 576) NTSC: 30 fps (704 × 480)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17 ±1.5dBm @ 11Mbps 11g: 14 ±1.5dBm @ 54Mbps 11n: 12.5 ±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)

Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 6 W (Max. 9 W with IR cut filter on) -W: Max. 7.5 W (Max. 10.5 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.67" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

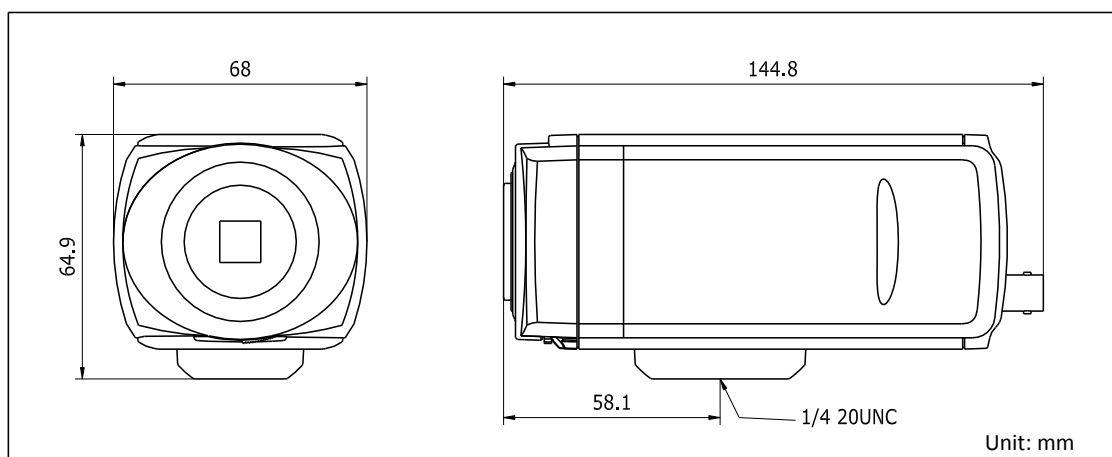
* "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1x protocol.

Order Models

DS-2CD893PFWD-E, DS-2CD893NFWD-E

DS-2CD893PFWD-EW, DS-2CD893NFWD-EW

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD833F-E(W) (Released)



Key Features

- Real time video at VGA (640 × 480)
- Standard video compression with high compression ratio
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD833F-E(W)
Parameter	VGA CMOS Low Illumination ICR Network Box Camera
Camera	
Image Sensor	1/4" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON) B/W: 0.001 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	

Max. Resolution	640 × 480
Frame Rate	50 Hz: 25 fps (640 × 480) 60 Hz: 30 fps (640 × 480)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detections, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)

Power Consumption	Max. 4.5 W (Max. 7.5 W with IR cut filter on) -W: Max. 6 W (Max. 9 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.67" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

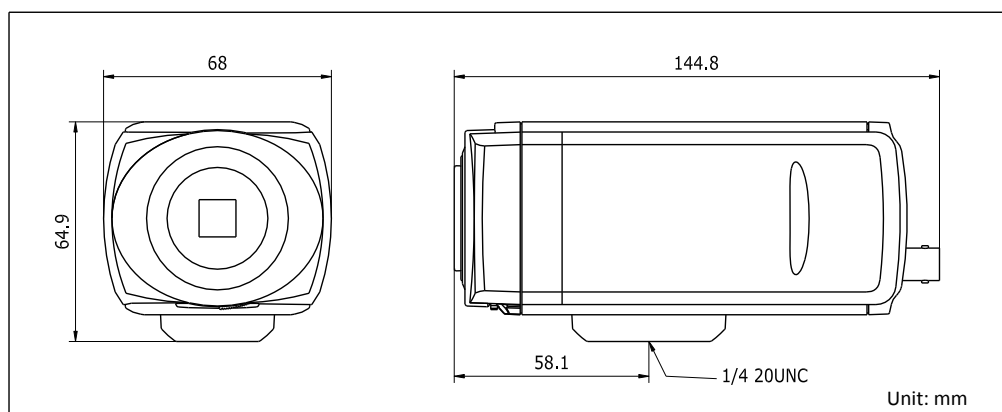
* "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1x protocol.

Order Models

DS-2CD833F-E

DS-2CD833F-EW

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD802PF(NF)(-E)(-W)(-D) (Released)



Key Features

- H.264 or MPEG4 video compression with high compression ratio
- High performance SONY CCD
- Wi-Fi optional
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Other functions: PTZ control, alarm, etc.

Specification

Model	DS-2CD802PF (NF) (-E) (-W) (-D)
	420 TVLCCD Network Box Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Min. Illumination	0.1 Lux @ (F1.2, ACG ON)
Shutter Speed	1/50 (1/60) s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC/Video
Day & Night	Electronic
Horizontal Resolution	420 TVL
Compression Standard	
Video Compression	H.264 (MPEG4 optional)
Video Bit Rate	32 Kbps - 8 Mbps

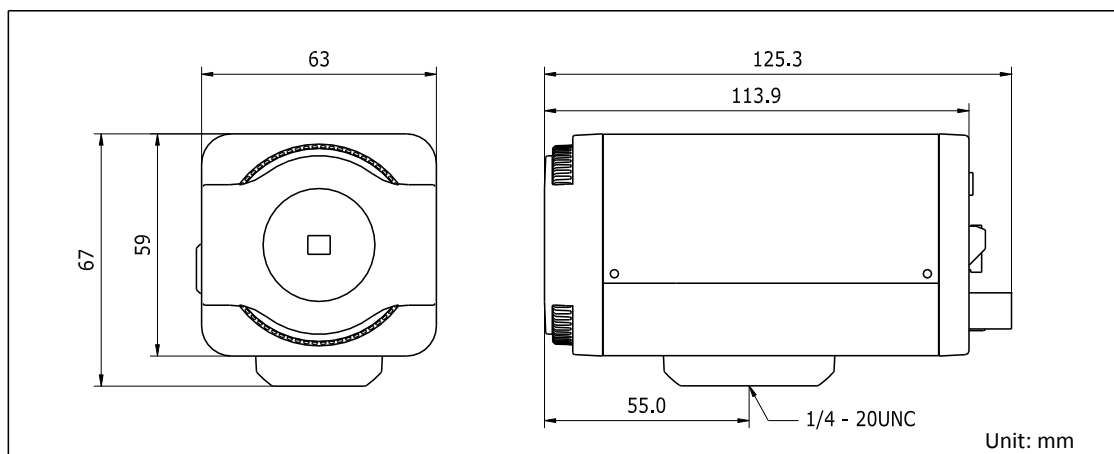
Audio Compression	OggVorbis
Dual Stream	Yes
Image	
Max. Resolution	PAL: 704 × 576 NTSC: 704 × 480
Frame Rate	PAL: 25 fps (704 × 576) NTSC: 30 fps (704 × 480)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Alarm Trigger	Motion detection
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, PPPoE (FTP, SMTP, NTP, UPnP, SNMP optional)
Security	Password protection
Interface	
Audio Input	1-ch 3.5 mm audio interface, Line IN (2.0 - 2.4 Vp-p, 1 kΩ)
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 4 W -W: Max. 5.5 W
Dimensions	63 x 67 x 125 mm (2.48" x 2.64" x 4.92")
Weight	650 g (1.43 lbs)

* "-W" supports Wi-Fi, "-E" supports PoE, "-D" supports 24V AC and PoE

Order Models

DS-2CD802PF, DS-2CD802PF-E, DS-2CD802PF-D, DS-2CD802PF-W
DS-2CD802NF, DS-2CD802NF-E, DS-2CD802NF-D, DS-2CD802NF-W

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD802/812/892P(N)-IR1(IR3)(IR5) (Released)



Key Features

- H.264 or MPEG4 video compression with high compression ratio
- High performance SONY CCD
- Support dual stream, and the sub-stream for mobile surveillance
- Two-way audio
- Ingress Protection level: IP66
- Other functions: PTZ control, alarm, etc.

Specification

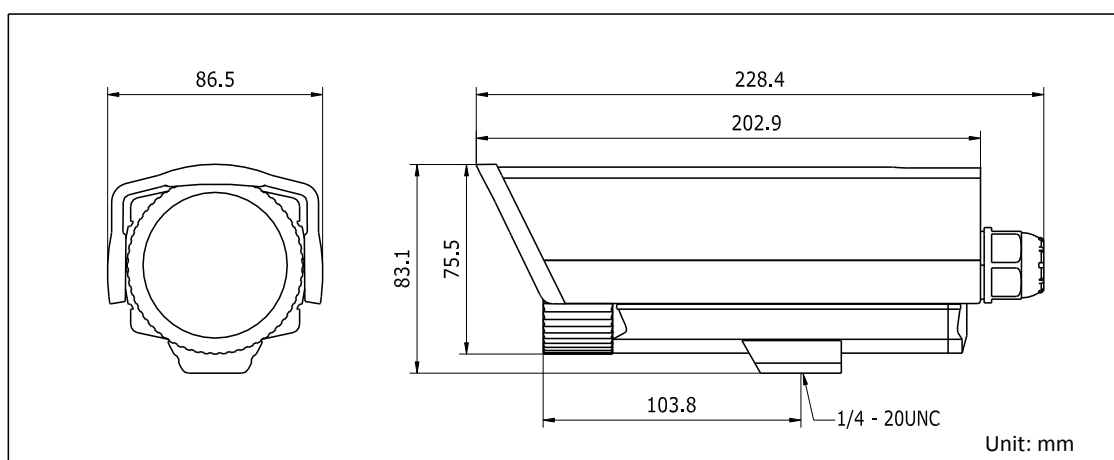
Model Parameter	DS-2CD802P(N)-IR1(IR3)(IR5)	DS-2CD812P(N)-IR1(IR3)(IR5)	DS-2CD892P(N)-IR1(IR3)(IR5)
	420 TVLCCD Infrared Weather-proof Network Bullet Camera	480 TVLCCD Infrared Weather-proof Network Bullet Camera	540 TVLCCD Infrared Weather-proof Network Bullet Camera
Camera			
Image Sensor	1/3" SONY CCD		
Signal System	PAL/NTSC		
Min. Illumination	0.1Lux @(F1.2,AGC ON),0 Lux with IR 0.2Lux @(F1.8,AGC ON),0 Lux with IR		
Shutter Speed	1/50 (1/60) s to 1/100,000 s		
Lens	"IR1" series: 6 mm @ F1.8 (3.6 mm optional), angle of view: 47° (6 mm) "IR3" series: 12 mm @ F1.8 (3.6 mm, 6 mm, 8 mm,16 mm optional) , angle of view: 22.72° (12 mm) "IR5" series: 16 mm @ F1.8 (3.6 mm, 6 mm, 8 mm,12 mm optional) , angle of view: 16.4° (16 mm)		
Lens Mount	M12		
Day & Night	Electronic		
Horizontal Resolution	420 TVL	480 TVL	540 TVL
Compression Standard			
Video	H.264 (MPEG4 optional)		

Compression	
Video Bit Rate	32 Kbps - 8 Mbps
Audio Compression	OggVorbis
Dual Stream	Yes
Image	
Max. Resolution	PAL: 704 × 576 NTSC: 704 × 480
Frame Rate	PAL: 25 fps (704 × 576) NTSC: 30 fps (704 × 480)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Alarm Trigger	Motion detection
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, PPPoE (FTP, SMTP, NTP, UPnP, SNMP optional)
Security	Password protection
Interface	
Audio Input	1-ch 3.5 mm audio interface, Line IN (2.0 - 2.4 Vp-p, 1 kΩ)
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	“-IR1” series: Max. 5.5 W “-IR3” series: Max. 7 W “-IR5” series: Max. 9 W
Ingress Protection level	IP66
IR Range	“-IR1” series: within 20 meters “-IR3” series: within 40 meters “-IR5” series: within 60 meters
Dimensions	86.5 × 83.1 × 228.4 mm (3.41" × 3.27" × 8.99")
Weight	1400 g (3.09 lbs)

Order Models

DS-2CD802P-IR1, DS-2CD802P-IR3, DS-2CD802P-IR5
 DS-2CD802N-IR1, DS-2CD802N-IR3, DS-2CD802N-IR5
 DS-2CD812P-IR1, DS-2CD812P-IR3, DS-2CD812P-IR5
 DS-2CD812N-IR1, DS-2CD812N-IR3, DS-2CD812N-IR5
 DS-2CD892P-IR1, DS-2CD892P-IR3, DS-2CD892P-IR5
 DS-2CD892N-IR1, DS-2CD892N-IR3, DS-2CD892N-IR5

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ-S



Indoor/Outdoor Wall Mount
DS-1213ZJ-S

DS-2CD8233F-EI(Z)(S) (Released)



Key Features

- Real time video at VGA (640 × 480)
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- High-performance and long service life Infrared LED, Approx. 20 to 30 meters IR range
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Ingress Protection level: IP66

Specification

Model Parameter	DS-2CD8233F-EI(Z)(S)
	VGA CMOS Infrared Vari-focal Weather-proof Network Bullet Camera
Camera	
Image Sensor	1/4" Progressive CMOS
Min. Illumination	0.01Lux @(F1.2,AGC ON) 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.8 - 11 mm @ F1.4,Angle of view: 70 °18 °
	-Z: Motorized VF lens, 2.8 - 12 mm @ F1.2,Angle of view: 71 °19 °
Lens Mount	Φ14
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Dual Stream	Yes
Image	
Max. Resolution	640×480

Frame Rate	50Hz:25fps (640×480) 60Hz:30fps (640×480)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 9.5 W -Z: Max. 12 W
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	98 × 88.6 × 328.8 mm (3.86" × 3.49" × 12.94")
Weight	1700 g (3.75 lbs)

*DS-2CD8233F-E, DS-2CD8233F-ES, DS-2CD8233F-EZ, DS-2CD8233F-EZS Series without Infrared and IR cut filter functions

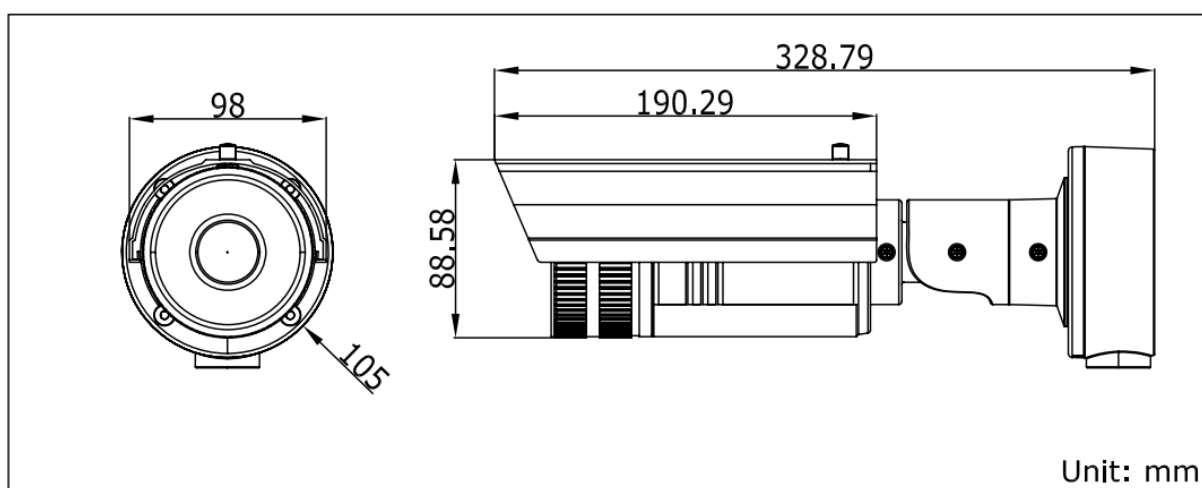
* "-S" series support 1-ch audio interface (Mic IN), 1-ch alarm interface and 1-ch RS-485 interface

* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD8233F-E, DS-2CD8233F-ES, DS-2CD8233F-EZ, DS-2CD8233F-EZS

DS-2CD8233F-EI, DS-2CD8233F-EIS, DS-2CD8233F-EIZ, DS-2CD8233F-EIZS

Dimensions

DS-2CD8433F-E(I) (Released)



Key Features

- Real time video at VGA (640 × 480)
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Support PIR(Passive Infrared Detection)
- Up to 32 GB Micro SD card for on-board storage
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- Built-in microphone and speaker
- Two-way audio
- Auto-iris, electronic shutter for different surveillance environments
- Support wireless alarming system
- Support ACS-dedicated remote controlling (ACS: Access Control System)
- USB interface, supporting Wi-Fi Data stick
- One-piece suit with mount for easy installation
- Streamlined design, high reliability
- Other functions: heartbeat, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD8433F-E(I)
Parameter	VGA CMOS Alarm Pro Cube Camera
Camera	
Image Sensor	1/4" Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.02 Lux @ (F1.8, AGC ON), 0 Lux with IR

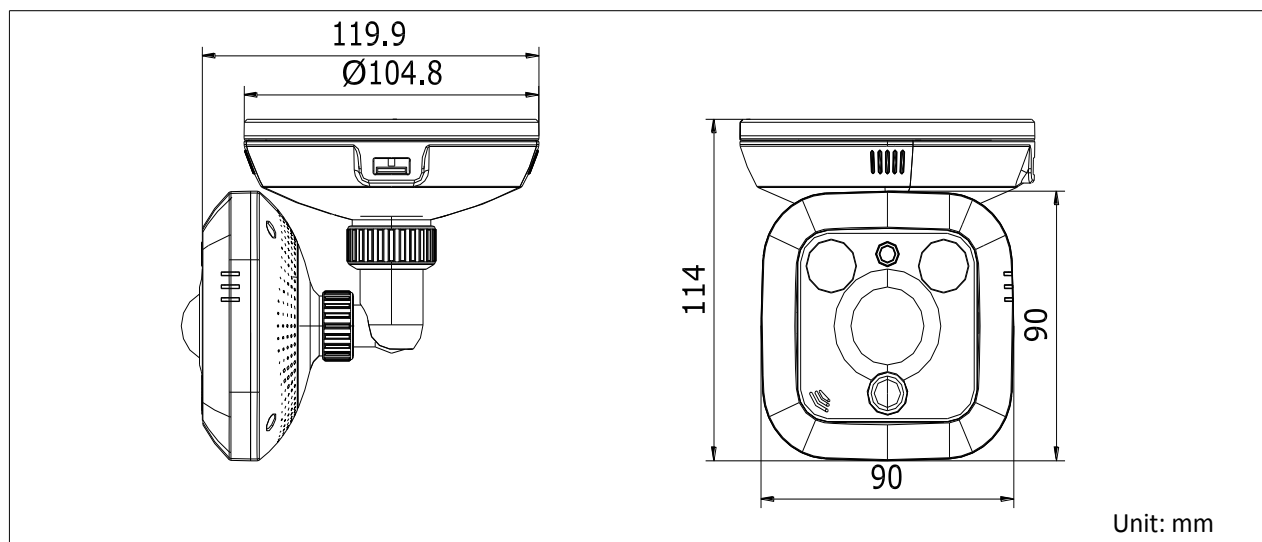
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	M12
Lens	4 mm @ F1.8
	Angle of view: 52°
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	640 × 480
Frame Rate	50 Hz: 25fps (640 × 480)
	60 Hz: 30fps (640 × 480)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
USB Interface	1 USB interface(supports Wi-Fi Data stick)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK
	802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps
	11g: 14±1.5dBm @ 54Mbps
	11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical)
	11g: -75dBm @ 54Mbps (Typical)

	11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	5V DC ± 10% PoE (802.3af)
Power Consumption	Max. 3 W -I: Max. 4 W (Max. 4.5 W with IR cut filter on)
IR Range	-I: 15 meters
PIR	Angle of detection: 80°
	10 meters
Dimensions	90 × 114 × 119.8 mm (3.6" × 4.5" × 4.8")
Weight	500 g (1.1 lbs)

Order Models

DS-2CD8433F-E, DS-2CD8433F-EI

Dimensions



DS-2CD793PF(NF)-E(I)(Z)

(Released)



Key Features

- Real time video at 4CIF
- Standard video compression with high compression ratio
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD793PF-E(I)(Z)/DS-2CD793NF-E(I)(Z)
Parameter	4 CIF CCD Vandal-proof Network Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Min. Illumination	0.02 Lux @ (F1.2, AGC ON) 0.027 Lux @ (F1.4, AGC ON) -I: 0.02 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.027 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter Speed	1/25 (1/30) s to 1/100,000 s
Lens	2.8-11mm @ F1.4, Angle of view: 70 °18 °
	-Z: Motorized VF lens, 2.8-12mm @ F1.2, Angle of view: 98 °27 °

Lens Mount	Φ14
Auto-iris	DC drive
Angle Adjustment	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	PAL: 704 × 576 NTSC: 704 × 480
Frame Rate	PAL: 25 fps (704 × 576) NTSC: 30 fps (704 × 480)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)

Power Consumption	6W~11W (IR: 2W, Motorized VF lens: 3W)
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IR Range	-I: Approx. 10 to 20 meters
Dimensions	Φ 140 × 114 mm (Φ 5.51" × 4.49")
Weight	1400 g (3.09 lbs)

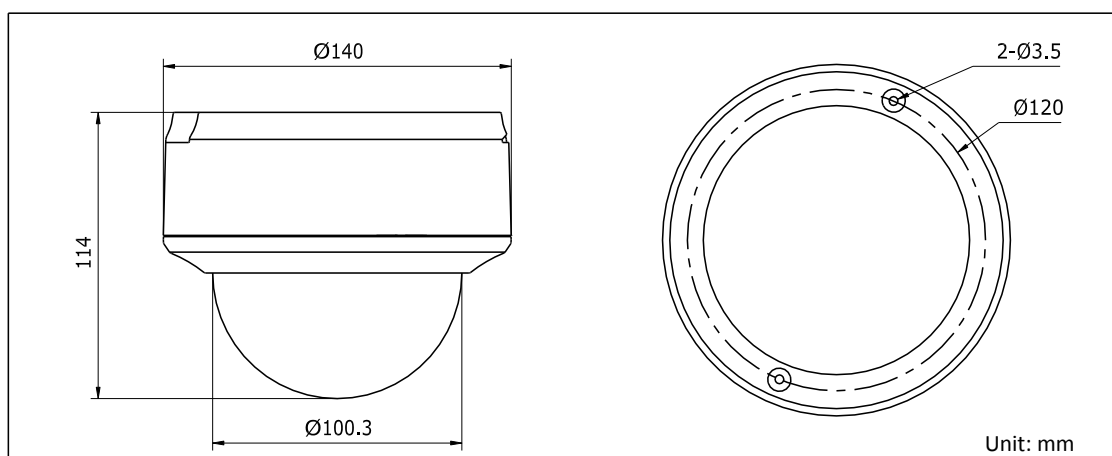
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD793PF-E, DS-2CD793NF-E, DS-2CD793PF-EZ, DS-2CD793NF-EZ

DS-2CD793PF-EI, DS-2CD793NF-EI, DS-2CD793PF-EIZ, DS-2CD793NF-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD793PFWD(NFWD)-E(I)(Z) (Released)



Key Features

- Real time video at 4CIF
- Standard video compression with high compression ratio
- 160 X Wide Dynamic Range, suitable for strong backlight environment
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model Parameter	DS-2CD793PFWD-E(I)(Z)/DS-2CD793NFWD-E(I)(Z)
	4 CIF CCD WDR Vandal-proof Network Dome Camera
Camera	
Image Sensor	1/3" SONY vertical double density interline CCD
Signal System	PAL/NTSC
Shutter Speed	1/25 (1/30) s to 1/100,000 s
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.14 Lux @ (F1.4, AGC ON) -I: 0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.14 Lux @ (F1.4, AGC ON), 0 Lux with IR
Lens	2.8-11mm @ F1.4, Angle of view: 70 °18 °
	-Z: Motorized VF lens, 2.8-12mm @ F1.2, Angle of view: 98 °27 °
Lens Mount	Φ14

Auto-iris	DC drive
Angle Adjustment	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Wide Dynamic Range	160 X
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	PAL: 704 × 576 NTSC: 704 × 480
Frame Rate	PAL: 25 fps (704 × 576) NTSC: 30 fps (704 × 480)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%

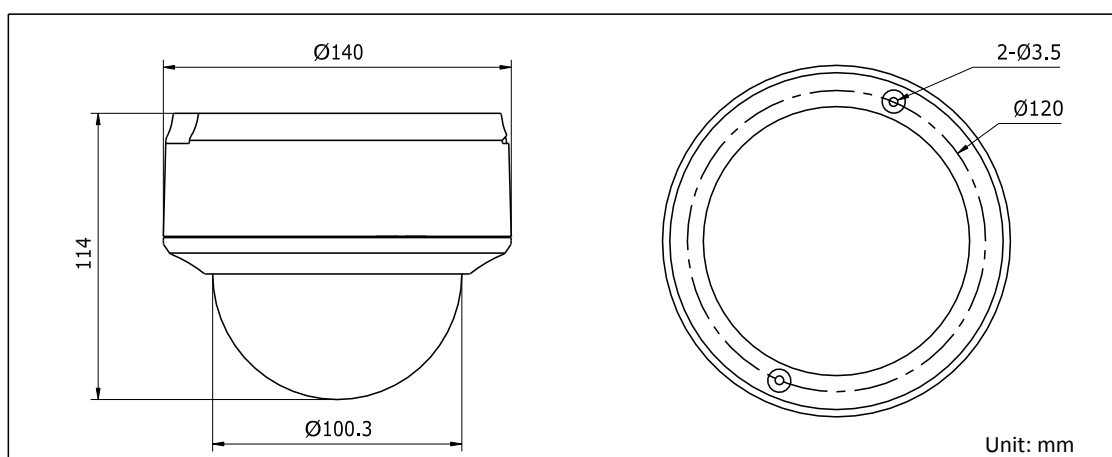
	PoE (802.3af)
Power Consumption	6W~11W (IR: 2W, Motorized VF lens: 3W)
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IR Range	-I: Approx. 10 to 20 meters
Dimensions	Φ 140 × 114 mm (Φ 5.51" × 4.49")
Weight	1400 g (3.09 lbs)

* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD793PFWD-E, DS-2CD793NFWD-E, DS-2CD793PFWD-EI, DS-2CD793NFWD-EI
 DS-2CD793PFWD-EZ, DS-2CD793NFWD-EZ, DS-2CD793PFWD-EIZ, DS-2CD793NFWD-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD733F-E(I)(Z) (Released)



Key Features

- Real time video at VGA (640 × 480)
- Standard video compression with high compression ratio
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD733F-E(I)(Z)
Parameter	VGA CMOS Low Illumination Vandal-proof Network Dome Camera
Camera	
Image Sensor	1/4" Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON) 0.014 Lux @ (F1.4, AGC ON) -I: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.8-11mm @ F1.4, Angle of view: 70 °18 ° -Z: Motorized VF lens, 2.8-12mm @ F1.2, Angle of view: 71 °19 °
Lens Mount	Φ14
Auto-iris	DC drive
Angle Adjustment	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°

Day & Night	Electronic(-I: IR cut filter with auto switch)
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	640 × 480
Frame Rate	50 Hz: 25 fps (640 × 480) 60 Hz: 30 fps (640 × 480)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	4.5W~9.5W (IR: 2W, Motorized VF lens: 3W)
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IR Range	-I: Approx. 10 to 20 meters
Dimensions	Φ 140 × 114 mm (Φ 5.51" × 4.49")
Weight	1400 g (3.09 lbs)

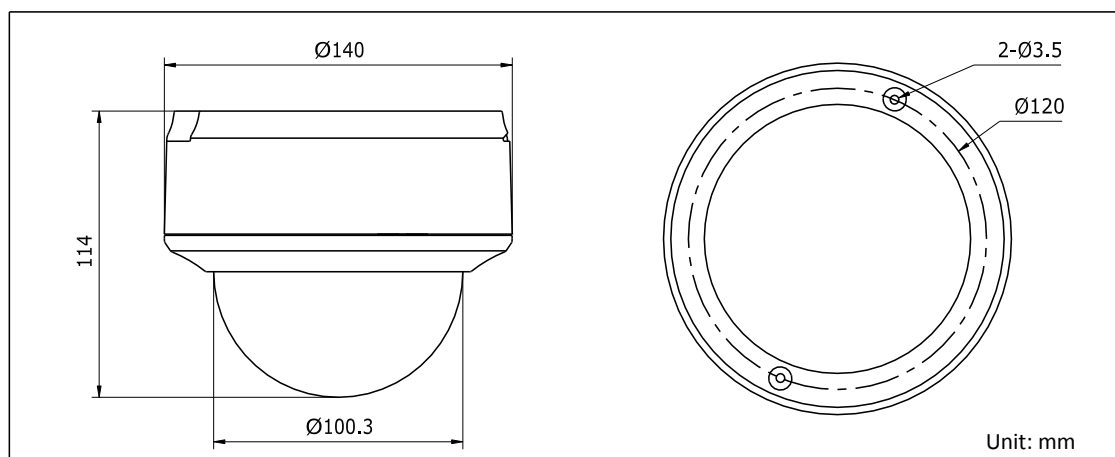
* "-Z" is equipped with Motorized VF lens

Order Models

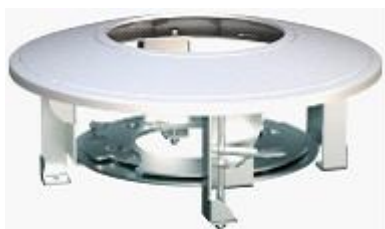
DS-2CD733F-E, DS-2CD733F-EI

DS-2CD733F-EZ, DS-2CD733F-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD7293PF(NF)-E(I)Z(H)(S)(Released)



Key Features

- Real time video at 4 CIF
- Standard video compression with high compression ratio
- Support dual stream, and the sub-stream for mobile surveillance
- Two-way audio
- Motorized VF lens
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD7293PF(NF)-E(I)Z(H)(S)
Parameter	4CIF CCD Weather-proof Vandal-Proof Network Dome Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Min. Illumination	0.02Lux @ (F1.2,AGC ON) -I: 0.02Lux @ (F1.2,AGC ON),0 Lux with IR
Shutter Speed	1/25(1/30) s to 1/100,000 s
Lens	2.8 – 12 mm @ F1.2
	Angle of view: 98° - 27°
Lens Mount	Φ14
Auto-iris	DC drive

Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: 0 - 355°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	-S: G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	PAL:704×576 NTSC:704×480
Frame Rate	PAL:25fps (704×576) NTSC:30fps (704×480)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24 V AC± 10% PoE (802.3af) -H: 24 V AC ± 10% High PoE (802.3at)
Power Consumption	Max. 9 W -I: Max. 12W -H: Max. 24W with heater on
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
IR Range	-I: Approx. 20 to 30 meters(65.6-98.4ft)

Dimensions	$\Phi 159.8 \times 146 \text{ mm}$ ($\Phi 6.29'' \times 5.75''$)
Weight	2100 g (4.62 lbs)

* "-S" series support 1-ch audio interface, 2-ch alarm interface and 1-ch RS-485 interface

* "-H" series support heater

* "-Z" is equipped with Motorized VF lens

Order Models

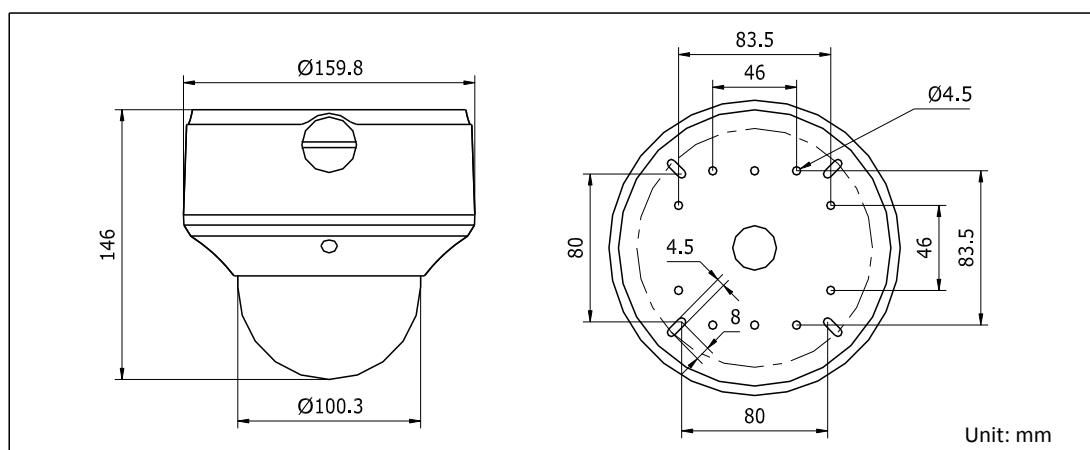
DS-2CD7293PF-EZ, DS-2CD7293PF-EIZ, DS-2CD7293PF-EZS, DS-2CD7293PF-EIZS

DS-2CD7293PF-EZH, DS-2CD7293PF-EIZH, DS-2CD7293PF-EZHS, DS-2CD7293PF-EIZHS

DS-2CD7293NF-EZ, DS-2CD7293NF-EIZ, DS-2CD7293NF-EZS, DS-2CD7293NF-EIZS

DS-2CD7293NF-EZH, DS-2CD7293NF-EIZH, DS-2CD7293NF-EZHS, DS-2CD7293NF-EIZHS

Dimensions



Accessories



Lifting Mount
DS-1248ZJ



Wall Mount
DS-1217ZJ

DS-2CD7293PFWD(NFWD)-E(I)Z(H)(S)(Released)



Key Features

- Real time video at 4CIF
- Standard video compression with high compression ratio
- Support dual stream, and the sub-stream for mobile surveillance
- 160 X Wide Dynamic Range, suitable for strong backlight environment
- Two-way audio
- Motorized VF lens
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD7293PFWD(NFWD)-E(I)Z(H)(S)
Parameter	4CIF CCD WDR Weather-proof Vandal-Proof Network Dome Camera
Camera	
Image Sensor	1/3" SONY vertical double density interline CCD
Signal System	PAL/NTSC
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) -I: 0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/25(1/30) s to 1/100,000 s
Lens	2.8 – 12 mm @ F1.2
	Angle of view: 98° - 27°
Lens Mount	Φ14

Auto-iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: 0 - 355°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Wide Dynamic Range	160 X
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	-S: G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	PAL:704×576 NTSC:704×480
Frame Rate	PAL:25fps (704×576) NTSC:30fps (704×480)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Video Output	1Vp-p composite output (75 Ω/RCA , for lens adjustment when installation)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24 V AC± 10% PoE (802.3af) -H: 24 V AC ± 10% High PoE (802.3at)
Power Consumption	Max. 9 W -I: Max. 12W -H: Max. 24W with heater on
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66

IR Range	-I: Approx. 20 to 30 meters(65.6-98.4ft)
Dimensions	Φ 159.8 × 146 mm (Φ 6.29" × 5.75")
Weight	2100 g (4.62 lbs)

* "-S" series support 1-ch audio interface, 2-ch alarm interface and 1-ch RS-485 interface

* "-H" series support heater

* "-Z" is equipped with Motorized VF lens

Order Models

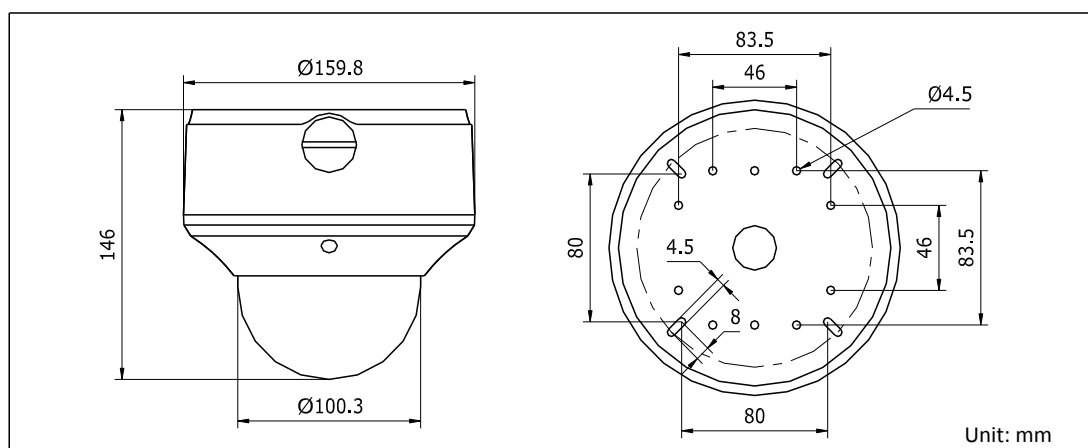
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DS-2CD7293NFWD-EZ, DS-2CD7293NFWD-EIZ, DS-2CD7293NFWD-EZS, DS-2CD7293NFWD-EIZS

DS-2CD7293NFWD-EZH, DS-2CD7293NFWD-EIZH, DS-2CD7293NFWD-EZHS, DS-2CD7293NFWD-EIZHS

Dimensions



Accessories



Lifting Mount
DS-1248ZJ



Wall Mount
DS-1217ZJ

DS-2CD7233F-E(I)Z(H)(S)(Released)



Key Features

- Real time video at VGA (640 × 480)
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32GB Micro SD card for on-board storage
- Motorized VF lens
- PoE (Power over Ethernet)
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Support analog video output for adjustment and installation
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

Specification

Model	DS-2CD7233F-E(I)Z(H)(S)
Parameter	VGA CMOS Weather-proof Vandal-Proof Network Dome Camera
Camera	
Image Sensor	1/4" Progressive Scan CMOS
Min. Illumination	0.01 Lux @(F1.2,AGC ON) -I: 0.01Lux @ (F1.2,AGC ON),0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.8 – 12 mm @ F1.2 Angle of view: 71° - 19°
Lens Mount	Φ14
Auto-iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: 0 - 355°
Day & Night	Electronic (-I: IR cut filter with auto switch)

Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	-S: G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	640×480
Frame Rate	50Hz:25fps (640×480) 60Hz:30fps (640×480)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24 V AC ± 10% PoE (802.3af) -H: 24 V AC ± 10% High PoE (802.3at)
Power Consumption	Max. 9 W -I: Max. 12W -H: Max. 24W with heater on with heater on
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
IR Range	-I: Approx. 20 to 30 meters(65.6-98.4ft)
Dimensions	Φ 159.8 × 146 mm (Φ 6.29" × 5.75")

Weight	2100 g (4.62 lbs)
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* "-S" series support 1-ch audio interface, 2-ch alarm interface and 1-ch RS-485 interface

* "-H" series support heater

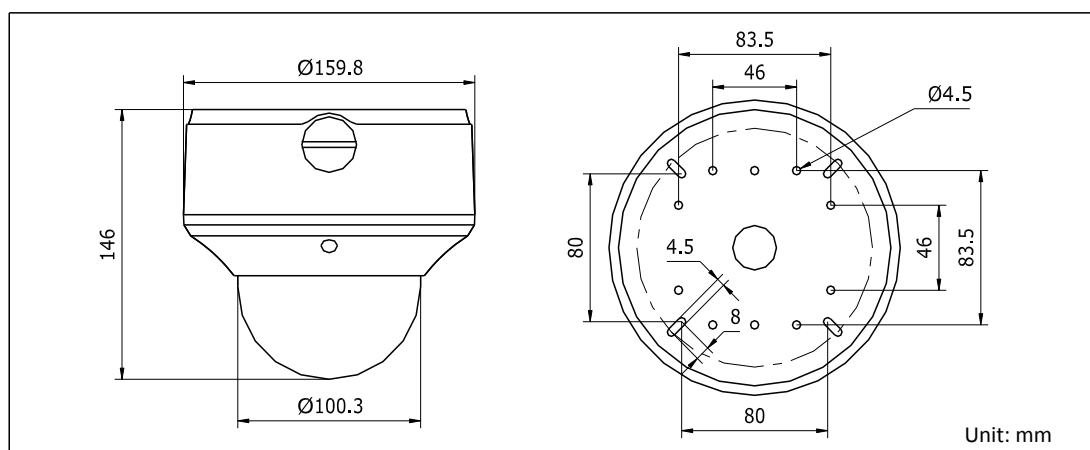
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD7233F-EZ, DS-2CD7233F-EIZ, DS-2CD7233F-EZH, DS-2CD7233F-EZHS

DS-2CD7233F-EZS, DS-2CD7233F-EIZH, DS-2CD7233F-EIZS, DS-2CD7233F-EIZHS

Dimensions



Accessories



Lifting Mount
DS-1248ZJ



Wall Mount
DS-1217ZJ

DS-2CD8133F-E(I)(W)(Released)



Key Features

- Real time video at VGA (640 × 480)
- Standard video compression with high compression ratio
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB Micro SD card for on-board storage
- Built-in microphone and speaker
- Two-way audio
- PoE (Power over Ethernet)

Specification

Model	DS-2CD8133F-E(I)(W)
Parameter	VGA CMOS Low Illumination Network Cube Camera
Camera	
Image Sensor	1/4” Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON) 0.02 Lux @ (F1.8, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens	4 mm @ F1.8 Angle of view:52°
Lens Mount	M12
Day & Night	Electronic
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)

Dual Stream	Yes
Image	
Max. Resolution	640 × 480
Frame Rate	50 Hz: 25 fps (640 × 480) 60 Hz: 30 fps (640 × 480)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio	Internal Microphone and Speaker
Communication Interface	1 RJ45 10M/100M Ethernet port
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17 ±1.5dBm @ 11Mbps 11g: 14 ±1.5dBm @ 54Mbps 11n: 12.5 ±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	5 V DC ± 10% PoE (802.3af)
Power	Max. 4W

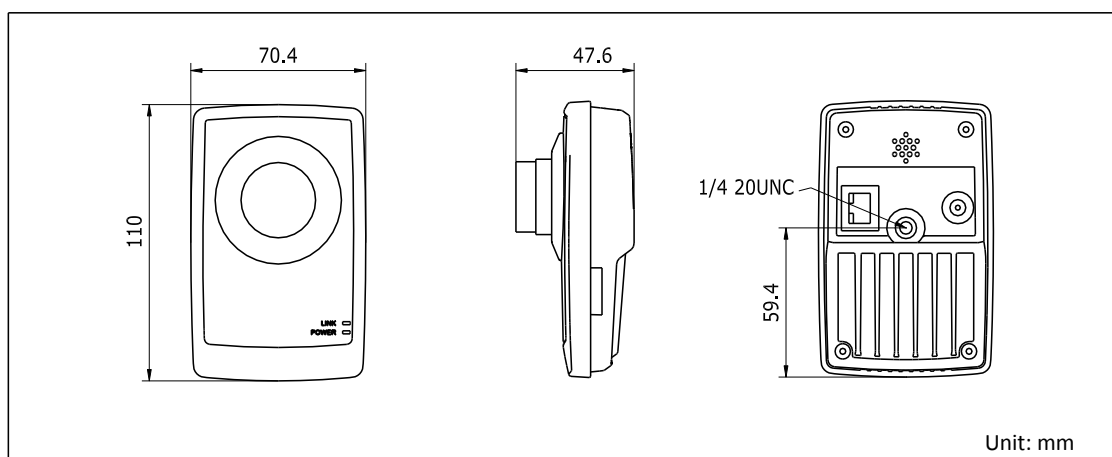
Consumption	-I: Max. 5W -W: Max. 5.5W
IR Range	-I: Approx. 2-5 meters
Dimensions	110 × 70.4 × 47.6 mm (4.33" × 2.77" × 1.87")
Weight	250 g (0.55 lbs)

- * "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1x protocol.
- * "-I" series support 2-5 meters IR Range
- * A mount is provided with the camera in the package

Order Models

DS-2CD8133F-E, DS-2CD8133F-EI
DS-2CD8133F-EW, DS-2CD8133F-EIW

Dimensions



DS-2CD7133-E(Released)



Key Features

- Real time video at VGA (640 × 480)
- Standard video compression with high compression ratio
- Support dual stream, and the sub-stream for mobile surveillance
- PoE (Power over Ethernet)
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

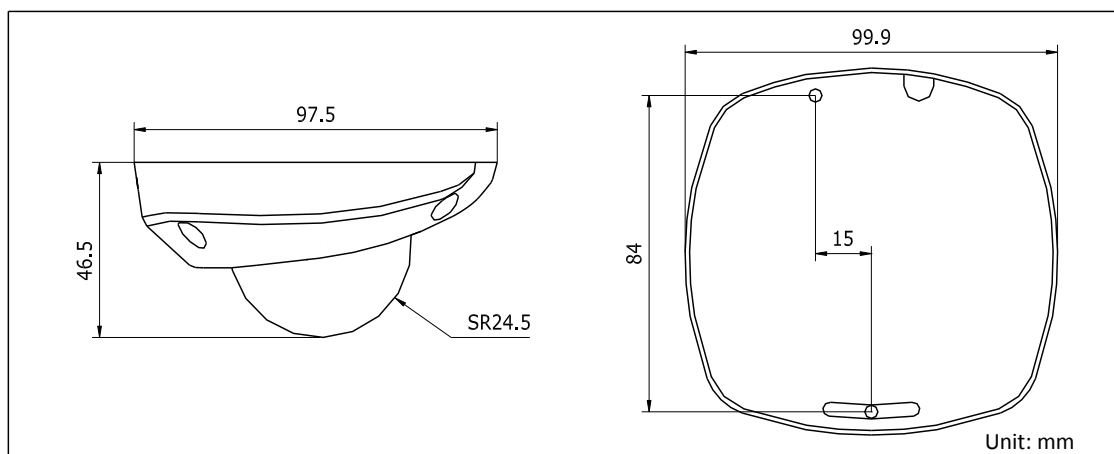
Specification

Model Parameter	DS-2CD7133-E
	VGA CMOS Low Illumination Weather-proof Vandal-proof Network Mini Dome Camera
Camera	
Image Sensor	1/4" Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON) 0.02 Lux @ (F1.8, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens	4 mm @ F1.8 (2.8, 6, 8 mm optional)
	Angle of view: 52°(4mm)
Lens Mount	M12
Angle Adjustment	Pan: ± 15°, Tilt: 0 - 90°, Rotation: ± 15°
Day & Night	Electronic
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Dual Stream	Yes
Image	

Max. Resolution	640 × 480
Frame Rate	50 Hz: 25 fps (640 × 480) 60 Hz: 30 fps (640 × 480)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet port
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 4 W
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
Dimensions	99.9 × 97.5 × 46.5 mm (3.93" × 3.84" × 1.83")
Weight	250 g (0.55 lbs)

Order Models

DS-2CD7133-E

Dimensions

1.3MP High-definition Network Camera

DS-2CD864FWD-E(W) (Released)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- 120 dB Wide Dynamic Range, suitable for strong backlight environment
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD864FWD-E(W)
Parameter	1.3 Megapixel CMOS WDR ICR Network Box Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON) B/W: 0.001 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Wide Dynamic Range	120 dB
Digital Noise Reduction	3D DNR

Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet interface, 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps

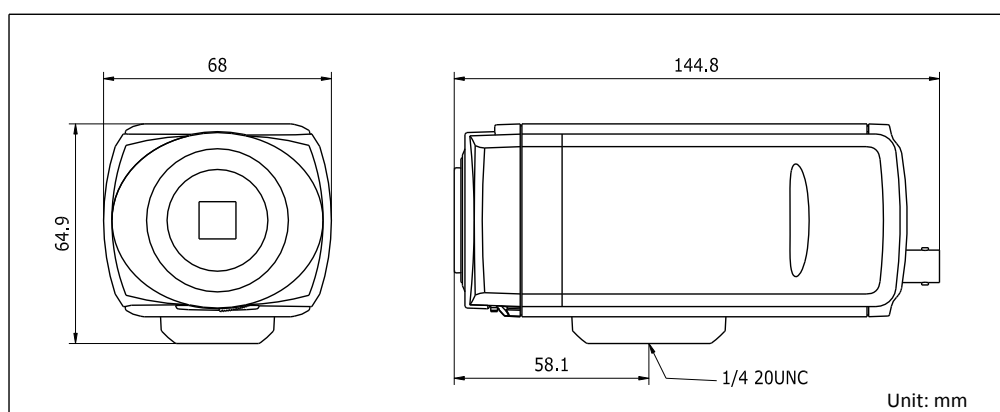
	11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10% PoE (802.3af)
Power Consumption	Max. 5.5 W (Max. 8.5 W with IR cut filter on) -W: Max. 7 W (Max. 10 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.7" × 2.2" × 5.7")
Weight	500 g (1.1 lbs)

* "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1x protocol.

Order Models

DS-2CD864FWD-E, DS-2CD864FWD-EW

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing



Indoor camera housing

DS-1311HZ (DS-1312HZ, DS-1313HZ)

DS-1320HZ

DS-2CD864FWD-FC(Sample available)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- 120dB Wide Dynamic Range, suitable for strong backlight environment
- Support dual stream, and the sub-stream for mobile surveillance
- Optical fiber LC (Lucent Connector) interface
- Transmit video signal by single-mode single fiber with the distance up to 20 km
 - Support anti-interference remote transmission with high bandwidth
- Up to 32GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

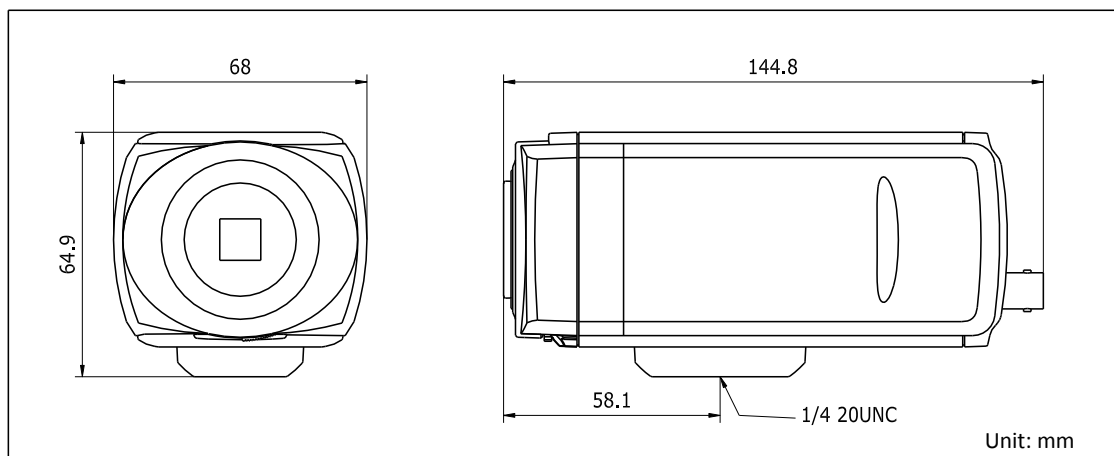
Model	DS-2CD864FWD-FC
Parameter	1.3 Megapixel CMOS WDR ICR Network Box Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON) B/W: 0.001 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Wide Dynamic Range	120 dB
Digital Noise Reduction	3D DNR
Compression Standard	

Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Optical fiber	
Interface Type	1 LC (Lucent Connector)
Fiber Type	Single-mode single fiber
Transmission Distance	1.25Gbps 20 km
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 LC interface, 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 5.5 W (Max. 8.5 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.7" × 2.2" × 5.7")
Weight	500 g (1.1 lbs)

Order Models

DS-2CD864FWD-FC

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD864F-E (Released)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

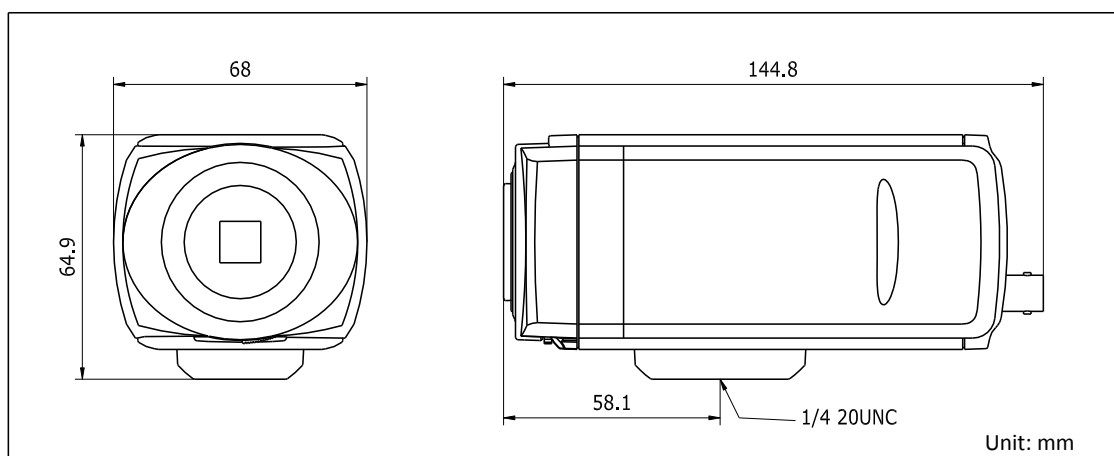
Model	DS-2CD864F-E
Parameter	1.3 Megapixel CMOSICR Network Box Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON) B/W: 0.001 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726

Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 x 720) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 x 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet interface, 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 5.5 W (Max. 8.5 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.7" × 2.2" × 5.7")
Weight	500 g (1.1 lbs)

Order Models

DS-2CD864F-E

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD864-EI3(EI5) (Released)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- High-performance and long service life Infrared LED, Approx. 20 to 30 meters(50 metres) IR range
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Ingress Protection level: IP66
- Auto-iris, electronic shutter for different surveillance environments
- Other functions: heartbeat, alarm , mirror , etc.

Specification

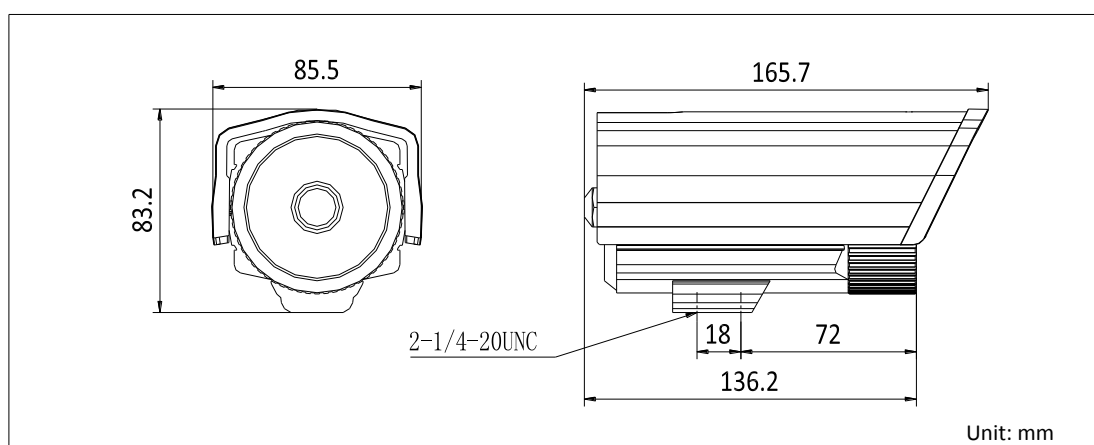
Model	DS-2CD864-EI3(EI5)
Parameter	1.3 Megapixel CMOS ICR Infrared Network Bullet Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON) ,0 Lux with IR 0.028 Lux @ (F2.0, AGC ON) ,0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	EI3:6mm@ F2.0 Angle of view:45.3° (4mm optional) EI5: 12mm@ F2.0 Angle of view:22°
Lens Mount	M12
Day &Night	IR cut filter with auto switch
Digital Noise Reduction	DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes

Image	
Max. Resolution	1280 x 960
Frame Rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 x 720) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 x 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 6.5 W
Ingress Protection level	IP66
IR Range	EI3: Approx. 20 to 30 meters EI5: Approx. 50 meters
Dimensions	85.5×83.2×165.7 mm (3.4" × 3.3" × 6.5")
Weight	1000 g (2.2 lbs)

Order Models

DS-2CD864-EI3, DS-2CD864-EI5

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ

DS-2CD2012-I (Sample available)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- High-performance and long service life Infrared LED, Approx. 20 to 30 meters IR range
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Ingress Protection level: IP66
- Auto-iris, electronic shutter for different surveillance environments
- Other functions: heartbeat, alarm, reset button, mirror, etc.

Specification

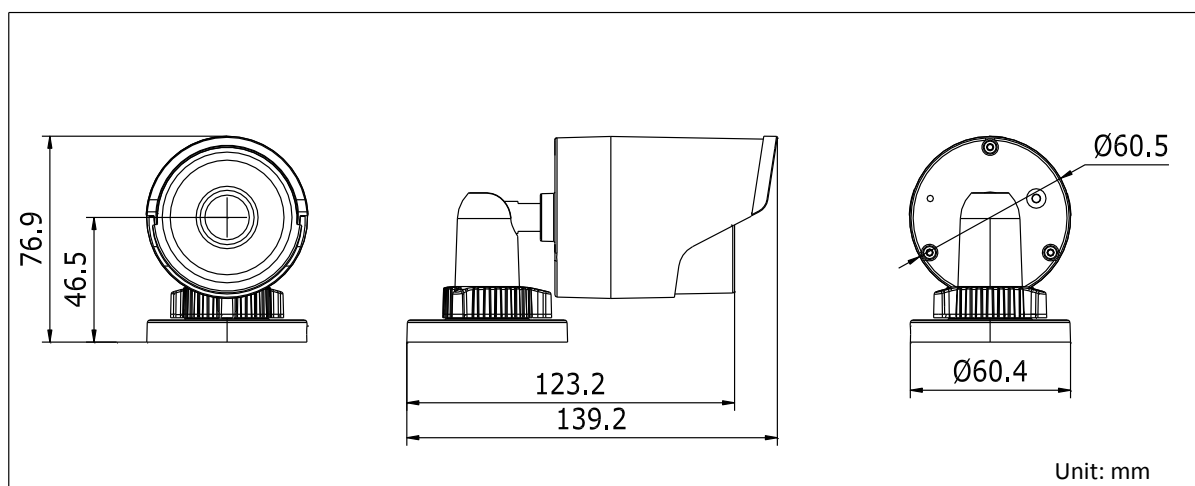
Model	DS-2CD2012-I
Parameter	1.3 Megapixel CMOS ICR Infrared Network Bullet Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.02 Lux @ (F1.2, AGC ON) ,0 Lux with IR 0.028 Lux @ (F2.0, AGC ON) ,0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	6mm@ F2.0, Angle of view:47.1° (4mm、 12mm optional)
Lens Mount	M12
Day &Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Compression Standard	

Video Compression	H.264/ MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 x 720) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 x 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 5 W
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	60.4×76.9×139.28 mm (2.4" × 3.0" × 5.5")
Weight	500g (1.1 lbs)

Order Models

DS-2CD2012-I

Dimensions



DS-2CD2112-(I) (Sample available)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- High-performance and long service life Infrared LED, Approx. 10 to 30 meters IR range
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Ingress Protection level: IP66
- Auto-iris, electronic shutter for different surveillance environments
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, alarm, reset button, mirror, etc.

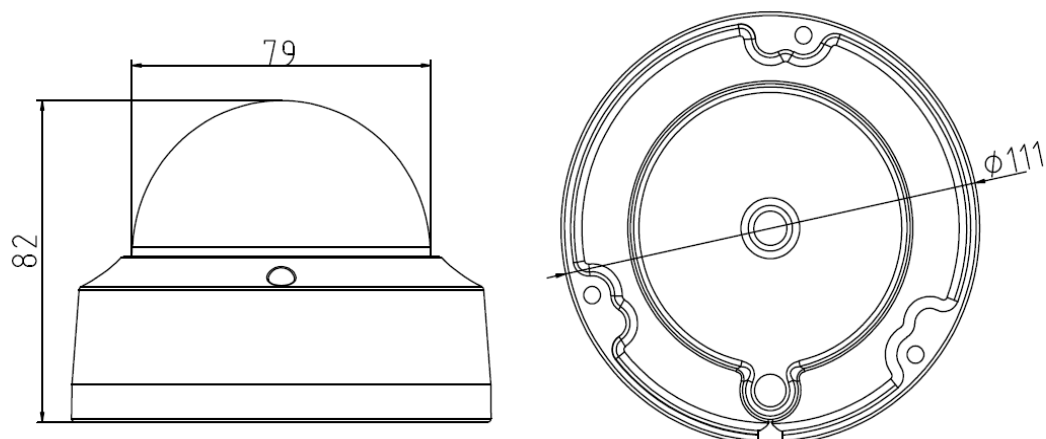
Specification

Model	DS-2CD2112-(I)
Parameter	1.3 Megapixel CMOS ICR Infrared Network Bullet Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.03 Lux @ (F1.2, AGC ON) ,0 Lux with IR 0.028 Lux @ (F2.0, AGC ON) ,0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	6mm@ F2.0, Angle of view:45.3° (2.8mm、4mm、12mm optional)
Lens Mount	M12
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR

Angle Adjustment	Pan:0° - 355°, Tilt: 0° - 65°
Compression Standard	
Video Compression	H.264/ MJPEG
H.264 Type	Main Profile
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 x 720) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 x 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication
Standard	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 95% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 5 W
Ingress Protection level	IP66
IR Range	Approx. 10 to 30 meters
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Dimensions	Φ 111 × 82 (4.4" × 3.2")
Weight	500g (1.1 lbs)

Order Models

DS-2CD2112, DS-2CD2112-I

Dimensions

DS-2CD8464F-E(I) (Released)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Support PIR(Passive Infrared Detection)
- Up to 32 GB Micro SD card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- Built-in microphone and speaker
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support wireless alarming system
- Support ACS-dedicated remote controlling (ACS: Access Control System)
- USB interface supports Wi-Fi Data stick
- One-piece suit with mount for easy installation
- Streamlined design, high reliability
- Other functions: heartbeat, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD8464F-E(I)
Parameter	1.3 Megapixel CMOS Alarm Pro Cube Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.028Lux @ (F2.0, AGC ON), 0 Lux with IR

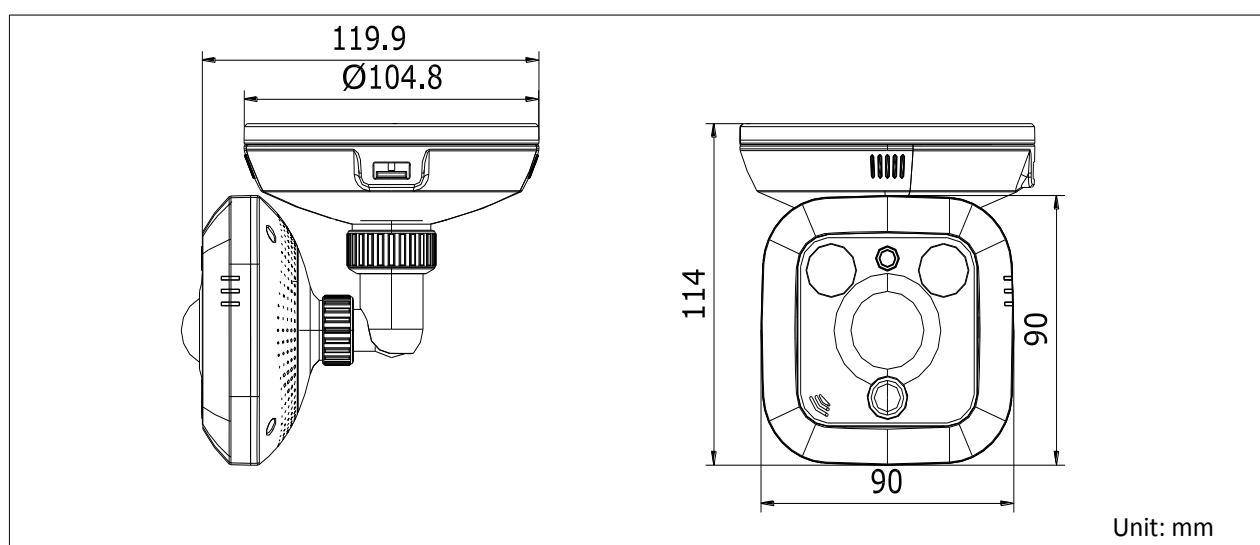
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	M12
Lens	4 mm @ F2.0
	Angle of view: 68°
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 × 720), 25fps (640 × 480) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 × 720), 30fps (640 × 480)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
USB Interface	1 USB interface(supporting Wi-Fi data stick)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output	11b: 17 ±1.5dBm @ 11Mbps

Power	11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	5V DC ± 10% PoE (802.3af)
Power Consumption	3W Max -I: Max. 4 W (Max. 4.5 W with IR cut filter on)
IR Range	-I: 15 meters
PIR	Angle of detection: 80°
	10 meters
Dimensions	90 × 114 × 119.8 mm (3.6" × 4.5" × 4.8")
Weight	500 g (1.1 lbs)

Order Models

DS-2CD8464F-E, DS-2CD8464F-EI

Dimensions



DS-2CD863PF(NF)-E(W)(Released)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution, and real time video encoding at HD 720p
- Standard video compression with high compression ratio
- Progressive scan CCD, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD863PF-E (W)/ DS-2CD863NF-E(W)
Parameter	1.3 Megapixel CCD ICR Network Box Camera
Camera	
Image Sensor	1/3" SONY Progressive Scan CCD
Signal System	PAL/NTSC
Min. Illumination	Color: 0.1 Lux @ (F1.2, AGC ON) B/W: 0.01 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 (1/30) s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)

Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	PAL: 12.5 fps (1280 × 960), 25 fps (1280 × 720) NTSC: 15 fps (1280 × 960), 30 fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)

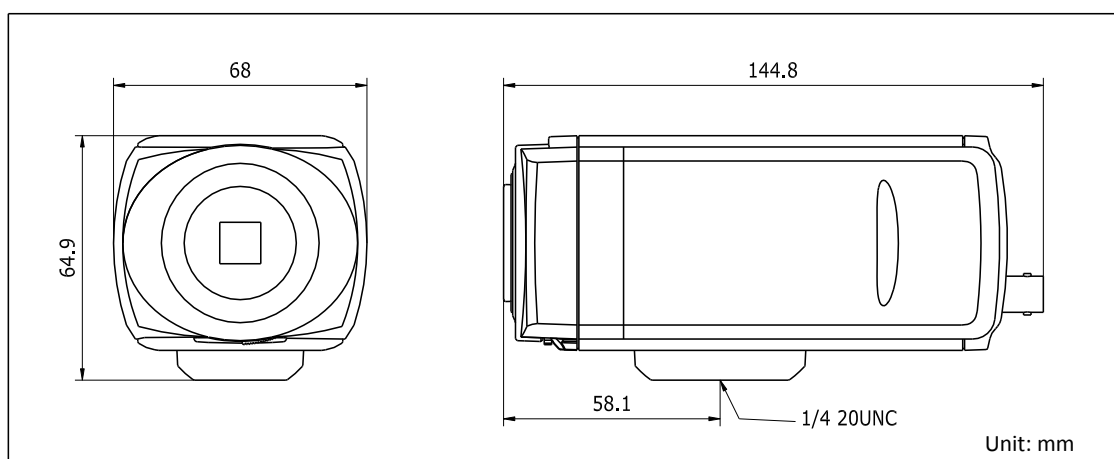
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 7.5 W (Max. 10.5 W with IR cut filter on) -W: Max. 9 W (Max. 12 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

* "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1x protocol.

Order Models

DS-2CD863PF-E, DS-2CD863NF-E
DS-2CD863PF-EW, DS-2CD863NF-EW

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD8264FWD-EI(Z)(S)(Released)



Key Features

- Up to 1.3 megapixel (1280 x 960) resolution
- Standard video compression with high compression ratio
- 120 dB Wide Dynamic Range, suitable for strong backlight environment
- High-performance and long service life Infrared LED, Approx. 20 to 30 meters IR range
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Ingress Protection level: IP66

Specification

Model Parameter	DS-2CD8264FWD-EI(Z)(S)	
	1.3 Megapixel CMOS WDR Infrared Vari-focal Weather-proof Network Bullet Camera	
Camera		
Image Sensor	1/3" Progressive CMOS	
Min. Illumination	0.01 Lux @ (F1.2, AGC ON) 0 Lux with IR	
Shutter Speed	1/25 s to 1/100,000 s	
Lens	2.7 - 9 mm @ F1.2,Angle of view: 101 °~30.4 °	
	-Z: Motorized VF lens, 2.7 - 9 mm @ F1.6,Angle of view: 101 °~30.4 °	
Lens Mount	Φ14	
Auto-iris	DC drive	
Day & Night	IR cut filter with auto switch	
Wide Dynamic Range	120 dB	
Digital Noise Reduction	3D DNR	
Compression Standard		

Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	
Max. Resolution	1280 × 960
Frame Rate	50Hz: 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Operating Conditions	-10 °C - 60 °C (14°F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 9.5 W -Z: Max. 12 W
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	98 × 88.6 × 328.8 mm (3.86" × 3.49" × 12.94")
Weight	1700 g (3.75 lbs)

* DS-2CD8264FWD-E, DS-2CD8264FWD-ES, DS-2CD8264FWD-EZ, DS-2CD8264FWD-EZS Series without Infrared and IR cut filter functions

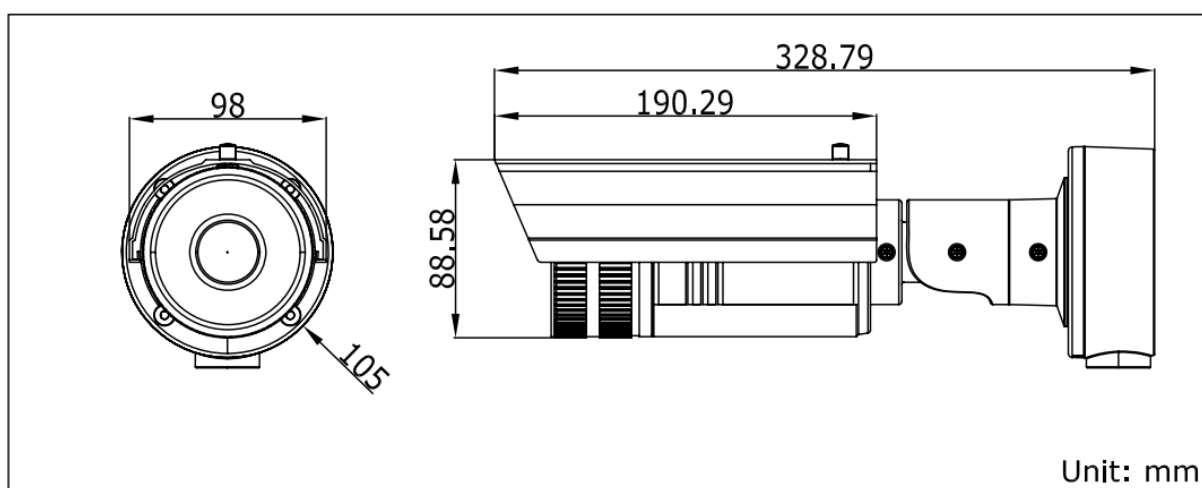
* "-S" series support 1-ch audio interface (Mic IN), 1-ch alarm interface and 1-ch RS-485 interface

* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD8264FWD-E, DS-2CD8264FWD-ES, DS-2CD8264FWD-EI, DS-2CD8264FWD-EIS

DS-2CD8264FWD-EZ, DS-2CD8264FWD-EZS, DS-2CD8264FWD-EIZ, DS-2CD8264FWD-EIZS

Dimensions

DS-2CD8264F-EI(Z)(S) (Released)



Key Features

- Up to 1.3 megapixel (1280 x 960) resolution
- Standard video compression with high compression ratio
- High-performance and long service life Infrared LED, Approx. 20 to 30 meters IR range
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Ingress Protection level: IP66

Specification

Model		DS-2CD8264F-EI(Z)(S)
Parameter	1.3 Megapixel CMOS Infrared Vari-focal Weather-proof Network Bullet Camera	
Camera		
Image Sensor	1/3" Progressive CMOS	
Min. Illumination	0.01 Lux @ (F1.2, AGC ON) 0 Lux with IR	
Shutter Speed	1/25 s to 1/100,000 s	
Lens	2.7 - 9 mm @ F1.2,Angle of view: 101 °30.4 °	
	-Z: Motorized VF lens, 2.7 - 9 mm @ F1.6,Angle of view: 101 °30.4 °	
Lens Mount	Φ14	
Auto-iris	DC drive	
Day & Night	IR cut filter with auto switch	
Digital Noise Reduction	DNR	
Compression Standard		
Video Compression	H.264/MPEG4/MJPEG	
Video Bit Rate	32 Kbps – 16 Mbps	

Dual Stream	Yes
Image	
Max. Resolution	1280 × 960
Frame Rate	50Hz: 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Operating Conditions	-10 °C - 60 °C (14°F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 9.5 W -Z: Max. 12 W
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	98 × 88.6 × 328.8 mm (3.86" × 3.49" × 12.94")
Weight	1700 g (3.75 lbs)

* DS-2CD8264F-E, DS-2CD8264F-ES, DS-2CD8264F-EZ, DS-2CD8264F-EZS Series without Infrared and IR cut filter functions

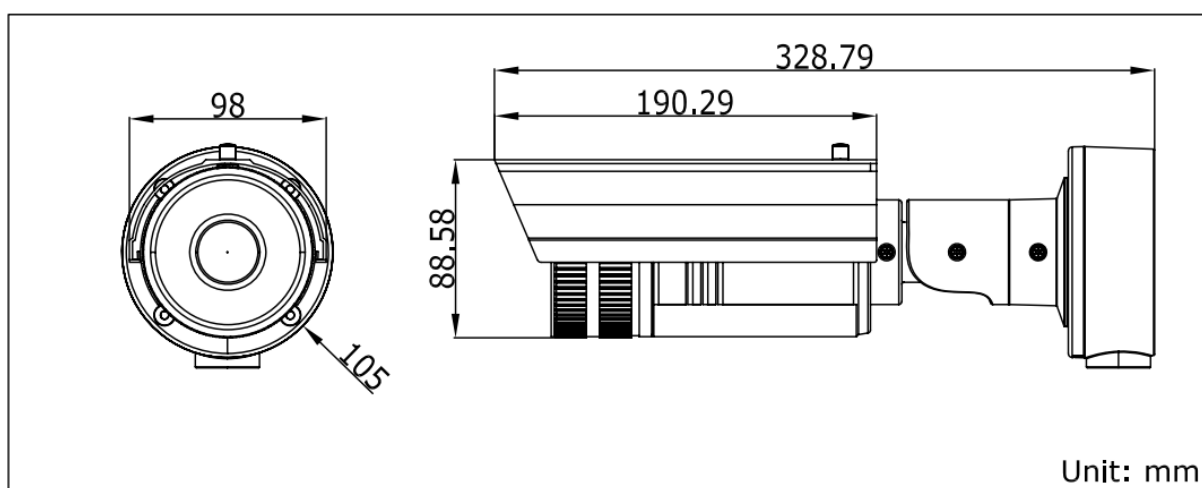
* "-S" series support 1-ch audio interface (Mic IN), 1-ch alarm interface and 1-ch RS-485 interface

* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD8264F-E, DS-2CD8264F-ES, DS-2CD8264F-EI, DS-2CD8264F-EIS

DS-2CD8264F-EZ, DS-2CD8264F-EZS, DS-2CD8264F-EIZ, DS-2CD8264F-EIZS

Dimensions

DS-2CD764FWD-E(I)(Z) (Released)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- 120 dB Wide Dynamic Range, suitable for strong backlight environment
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD764FWD-E(I)(Z)
Parameter	1.3 Megapixel CMOS Vandal-proof Network Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01 Lux @(F1.2,AGC ON) -I: 0.01 Lux @(F1.2,AGC ON) ,0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7-9mm @ F1.2,Angle of view: 101 °30.4 °
	-Z: Motorized VF lens, 2.7-9mm @ F1.2,Angle of view: 101 °30.4 °
Lens Mount	Φ14
Auto-iris	DC drive
Angle	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°

Adjustment	
Day & Night	Electronic (-I: IR cut filter with auto switch)
Wide Dynamic Range	120 dB
Digital Noise Reduction	3D DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 × 960
Frame Rate	50Hz: 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)

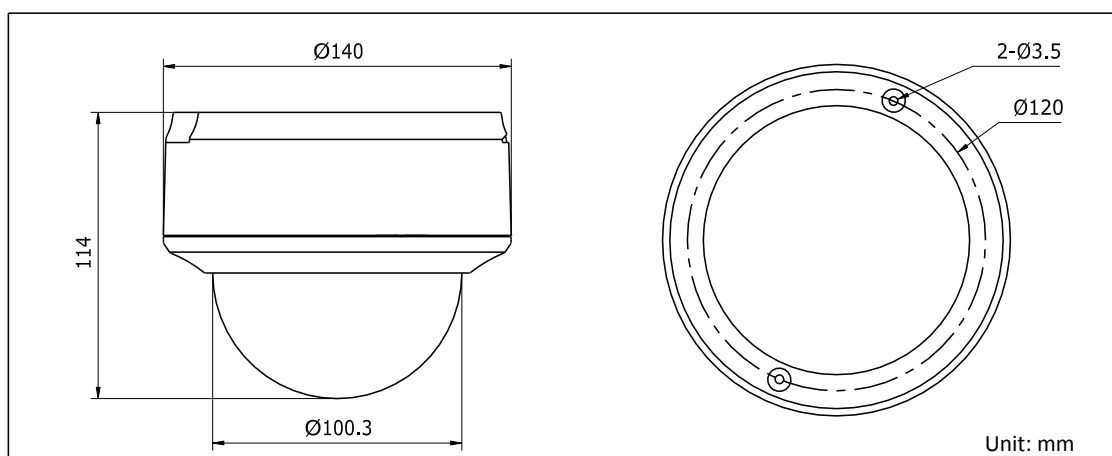
Power Consumption	5.5W~10.5W (IR: 2W, Motorized VF lens: 3W)
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IR Range	-I: Approx. 10 to 20 meters
Dimensions	Φ 140 × 114 mm (Φ 5.51" × 4.49")
Weight	1400 g (3.09 lbs)

* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD764FWD-E, DS-2CD764FWD-EI
DS-2CD764FWD-EZ, DS-2CD764FWD-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD764F-E(I)(Z) (Released)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD764F-E(I)(Z)
Parameter	1.3 Megapixel CMOS Vandal-proof Network Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01 Lux @(F1.2,AGC ON) -I:0.01 Lux @(F1.2,AGC ON) ,0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7-9mm @ F1.2,Angle of view: 101 °±30.4 ° -Z: Motorized VF lens, 2.7-9mm @ F1.2,Angle of view: 101 °±30.4 °
Lens Mount	Φ14
Auto-iris	DC drive
Angle Adjustment	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°

Day & Night	Electronic (-I: IR cut filter with auto switch)
Digital Noise Reduction	DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 × 960
Frame Rate	50Hz: 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power	5.5W~10.5W

Consumption	(IR: 2W, Motorized VF lens: 3W)
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IR Range	-I: Approx. 10 to 20 meters
Dimensions	Φ 140 × 114 mm (Φ 5.51" × 4.49")
Weight	1400 g (3.09 lbs)

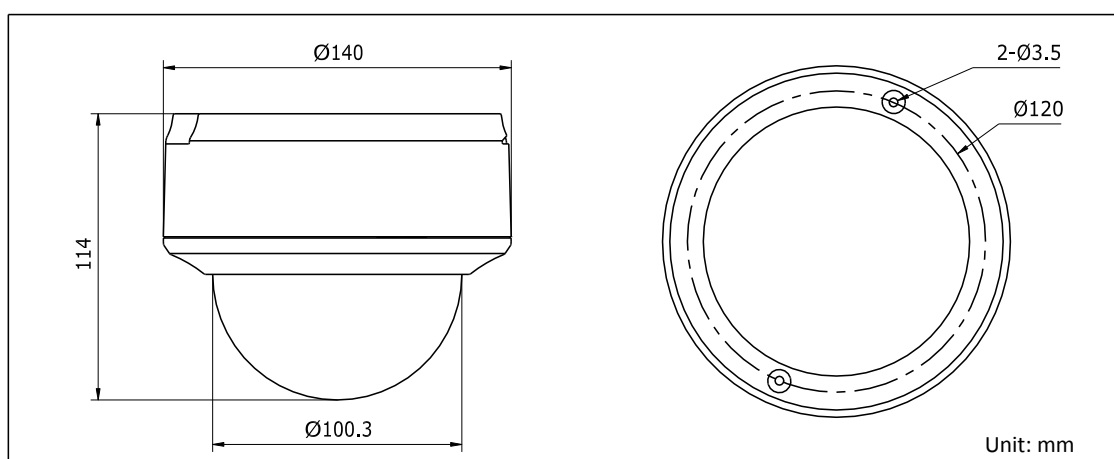
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD764F-E, DS-2CD764F-EI

DS-2CD764F-EZ, DS-2CD764F-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD763PF(NF)-E(I)(Z) (Released)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution, and real time video encoding at HD 720p
- Standard video compression with high compression ratio
- Progressive scan CCD, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD763PF-E(I)(Z)/DS-2CD763NF-E(I)(Z)
Parameter	1.3 Megapixel CCD Vandal-proof Network Dome Camera
Camera	
Image Sensor	1/3" SONY Progressive Scan CCD
Signal System	PAL/NTSC
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) -I: 0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/25 (1/30) s to 1/100,000 s
Lens	2.7-9mm @ F1.2, Angle of view: 101 °30.4 ° -Z: Motorized VF lens, 2.7-9mm @ F1.2, Angle of view: 101 °30.4 °
Lens Mount	Φ14
Auto-iris	DC drive

Angle Adjustment	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	PAL: 12.5 fps (1280 × 960), 25 fps (1280 × 720) NTSC: 15 fps (1280 × 960), 30 fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power	7W~12W

Consumption	(IR: 2W, Motorized VF lens: 3W)
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IR Range	-I: Approx. 10 to 20 meters
Dimensions	Φ 140 × 114 mm (Φ 5.51" × 4.49")
Weight	1400 g (3.09 lbs)

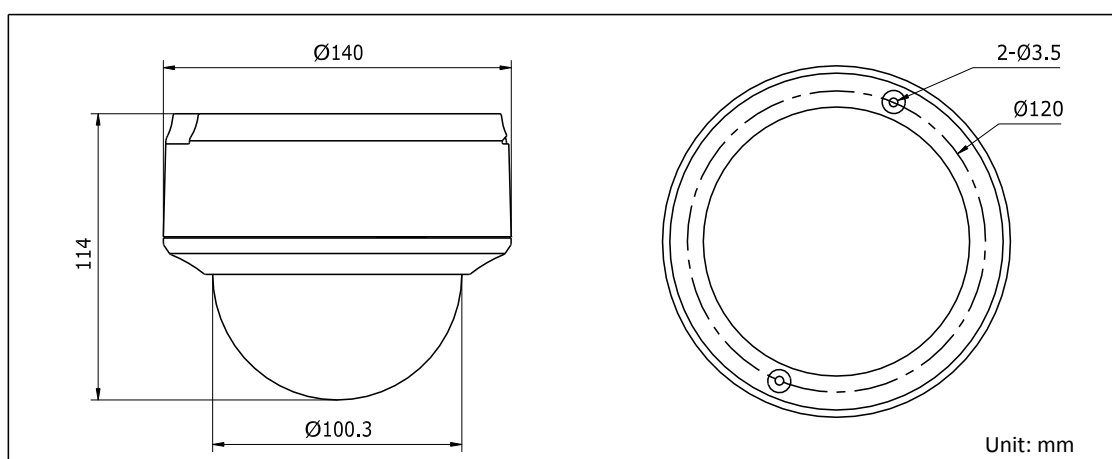
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD763PF-E, DS-2CD763NF-E, DS-2CD763PF-EI, DS-2CD763NF-EI

DS-2CD763PF-EZ, DS-2CD763NF-EZ, DS-2CD763PF-EIZ, DS-2CD763NF-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD7263PF(NF)-E(I)Z(H)(S) (Released)



Key Features

- Up to 1.3 megapixel (1280 x 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CCD, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32GB Micro SD card for on-board storage
- Two-way audio
- Motorized VF lens
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD7263PF(NF)-E(I)Z(H)(S)
Parameter	1.3 Megapixel CCD Weather-proof Vandal-Proof Network Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CCD
Signal System	PAL/NTSC
Min. Illumination	0.1Lux @(F1.6,AGC ON) -I : 0.1Lux @(F1.6,AGC ON),0 Lux with IR
Shutter Speed	1/25 (1/30) s to 1/100,000 s
Lens	2.7 – 9 mm @ F1.6
	Angle of view: 101° - 30.4°

Lens Mount	Φ14
Auto-iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: 0 - 355°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	-S: G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 × 960
Frame Rate	PAL:12.5fps(1280×960),25fps (1280×720) NTSC:15fps(1280×960),30fps (1280×720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
Backlight compensation	Yes, zone optional
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24 V AC ± 10% PoE (802.3af) -H: 24 V AC ± 10% High PoE (802.3at)
Power Consumption	Max. 9 W -I: Max. 12W

	-H: Max. 24W with heater on
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
IR Range	-I: Approx. 20 to 30 meters(65.6-98.4ft)
Dimensions	Φ 159.8 × 146 mm (Φ 6.29" × 5.75")
Weight	2100 g (4.62 lbs)

* "-S" series support 1-ch audio interface, 2-ch alarm interface and 1-ch RS-485 interface

* "-H" series support heater

* "-Z" is equipped with Motorized VF lens

Order Models

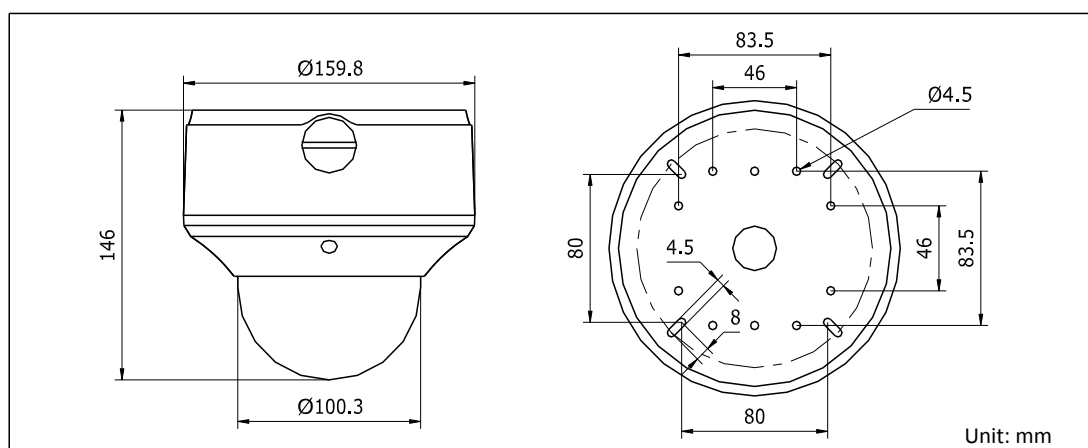
DS-2CD7263PF-EZ, DS-2CD7263PF-EIZ,DS-2CD7263PF-EZS, DS-2CD7263PF-EIZS

DS-2CD7263PF-EZH, DS-2CD7263PF-EIZH,DS-2CD7263PF-EZHS, DS-2CD7263PF-EIZHS

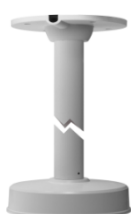
DS-2CD7263NF-EZ, DS-2CD7263NF-EIZ,DS-2CD7263NF-EZS, DS-2CD7263NF-EIZS

DS-2CD7263NF-EZH, DS-2CD7263NF-EIZH,DS-2CD7263NF-EZHS, DS-2CD7263NF-EIZHS

Dimensions



Accessories



Lifting Mount
DS-1248ZJ



Wall Mount
DS-1217ZJ

DS-2CD7264FWD-E(I)Z(H)(S) (Released)



Key Features

- Up to 1.3 megapixel (1280 x 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- 120 dB Wide Dynamic Range, suitable for strong backlight environment
- Support dual stream, and the sub-stream for mobile surveillance
- Motorized VF lens
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD7264FWD-E(I)Z(H)(S)
Parameter	1.3 Megapixel CMOS WDR Vandal-Proof Network Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01Lux @(F1.2,AGC ON) -I : 0.01Lux @(F1.2,AGC ON),0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7 – 9 mm @ F1.6 Angle of view: 101° - 30.4°
Lens Mount	Φ14

Auto-iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: 0 - 355°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Wide Dynamic Range	120 dB
Digital Noise Reduction	3D DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	-S: G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 × 960
Frame Rate	50Hz:25fps(1280×960),25fps (1280×720) 60Hz:30fps(1280×960),30fps (1280×720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24 V AC ± 10% PoE (802.3af) -H: 24 V AC ± 10% High PoE (802.3at)
Power	Max. 9 W

Consumption	-I: Max. 12W -H: Max. 24W with heater on
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	Φ 159.8 × 146 mm (Φ 6.29" × 5.75")
Weight	2100 g (4.62 lbs)

* "-S" series support 1-ch audio interface, 2-ch alarm interface and 1-ch RS-485 interface

* "-H" series support heater

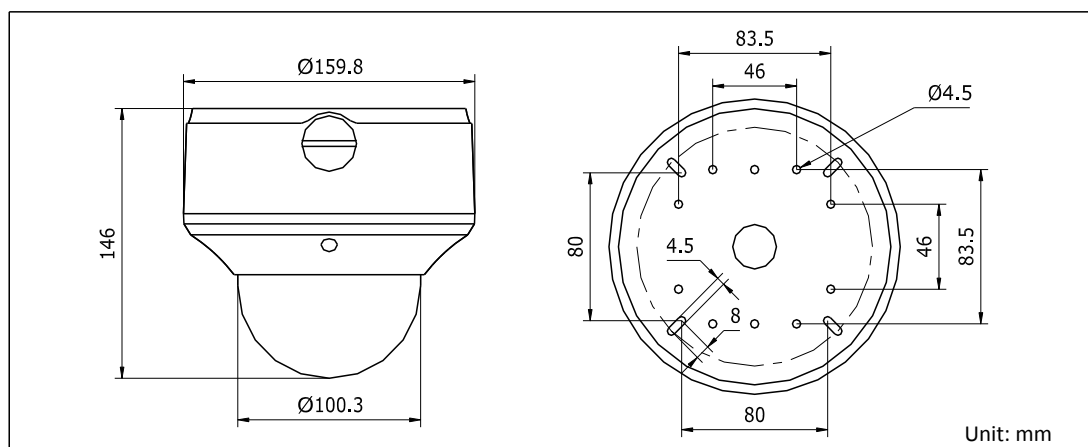
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD7264FWD-EZ, DS-2CD7264FWD-EIZ, DS-2CD7264FWD-EZH, DS-2CD7264FWD-EIZH

DS-2CD7264FWD-EZS, DS-2CD7264FWD-EIZS, DS-2CD7264FWD-EZHS, DS-2CD7264FWD-EIZHS

Dimensions



Accessories



Lifting Mount
DS-1248ZJ



Wall Mount
DS-1217ZJ

DS-2CD7164-E(Released)



Key Features

- Up to 1.3 megapixel (1280 × 960) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- PoE (Power over Ethernet)
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

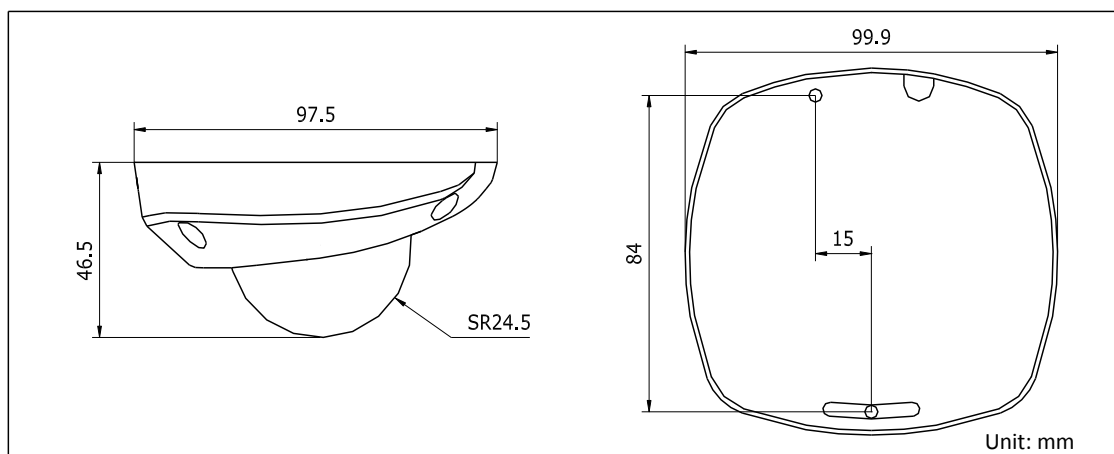
Specification

Model Parameter	DS-2CD7164-E
	1.3 megapixel CMOS Weather-proof Vandal-proof Network Mimi Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01Lux @(F1.2,AGC ON) 0.028Lux @(F2.0,AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens	4 mm @ F2.0(2.8, 6, 8 mm optional)
	Angle of view: 68°
Lens Mount	M12
Angle Adjustment	Pan: ± 15°, Tilt: 0 - 90°, Rotation: ± 15°
Day & Night	Electronic
Digital Noise Reduction	DNR
Compression Standard	
Video	H.264/MPEG4/MJPEG

Compression	
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	
Max. Resolution	1280 × 960
Frame Rate	50Hz: 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet port
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 4 W
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
Dimensions	99.9 × 97.5 × 46.5 mm (3.93" × 3.84" × 1.83")
Weight	250 g (0.55 lbs)

Order Models

DS-2CD7164-E

Dimensions

2MP High-definition Network Camera

DS-2CD877BF(Released)



Key Features

- Real time video at Full HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CCD, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32GB SD/SDHC card for on-board storage
- Support DNR (Digital Noise Reduction)
- Two-way audio
- IR cut filter with auto switch
- Support Auto-iris, electronic shutter for different surveillance environments
- Other functions: heartbeat, PTZ control, alarm, reset button, etc.

Specification

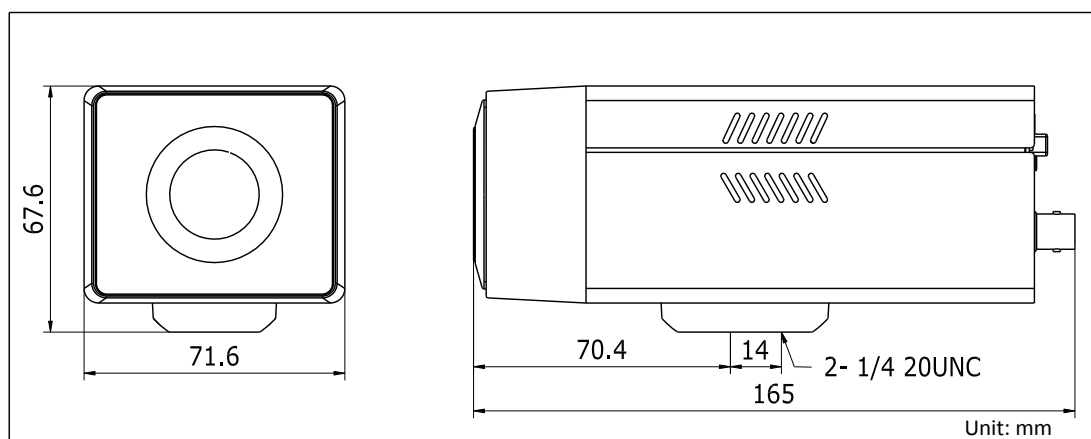
Model	DS-2CD877BF
Parameter	2 Megapixel CCD ICR Network Box Camera
Camera	
Image Sensor	2/3" Progressive Scan CCD
Min. Illumination	Color:0.2 Lux @ (F1.2, AGC ON) B/W:0.02 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	DNR
Compression Standard	

Video Compression	H.264/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1920 × 1080
Frame Rate	50 Hz: 25 fps (1920 × 1080) 60 Hz: 30 fps (1920 × 1080)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Audio Input	1-ch 3.5 mm audio interface, Line IN (2.0 - 2.4 Vp-p, 1 kΩ)
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet interface, 1 RS-485 interface 1 RS-232 interface
Alarm Input	4
Alarm Output	3
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 16 W
Dimensions	71.6×67.6×165 mm (2.82"× 2.66"× 6.5")
Weight	1000 g (2.20 lbs)

Order Models

DS-2CD877BF

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD876BF (Released)



Key Features

- Up to 2 megapixel (1600 x 1200) resolution, real time video at 1600 × 1200
- Standard video compression with high compression ratio
- Progressive scan CCD, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- Auto-iris, electronic shutter for different surveillance environments
- Other functions: heartbeat, PTZ control, alarm, reset button, etc.

Specification

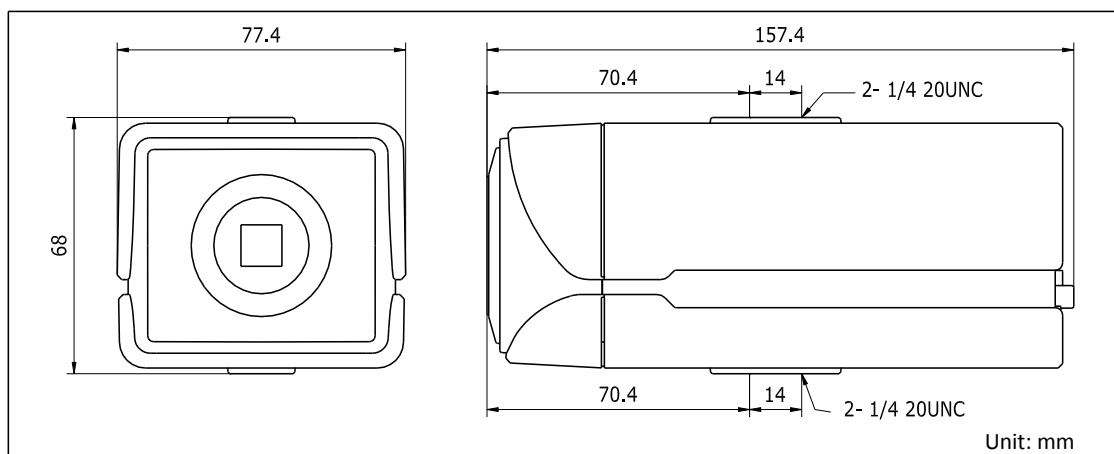
Model	DS-2CD876BF
	2 Megapixel CCD ICR Network Box Camera
Camera	
Image Sensor	1/1.8" SONY Progressive Scan CCD
Min. Illumination	Color: 0.5 Lux @ (F1.2, AGC ON) B/W: 0.05 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes

Image	
Max. Resolution	1600 × 1200
Frame Rate	50 Hz: 25 fps (1600 × 1200) 60 Hz: 30 fps (1600 × 1200)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, Line IN (2.0 - 2.4 Vp-p, 1 kΩ)
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS-485 and 1 RS-232 interface
Alarm Input	4
Alarm Output	3
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 13 W
Dimensions	77.4 × 68 × 157.4 mm (3.05" × 2.68" × 6.20")
Weight	1000 g (2.20 lbs)

Order Models

DS-2CD876BF

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD876MF (Released)



Key Features

- Up to 2 megapixel (1600 x 1200) resolution, real time video at 1600 × 1200
- Standard video compression with high compression ratio
- Progressive scan CCD, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- Auto-iris, electronic shutter for different surveillance environments
- HDMI (High-Definition Multimedia Interface)
- Other functions: heartbeat, PTZ control, alarm, reset button, etc.

Specification

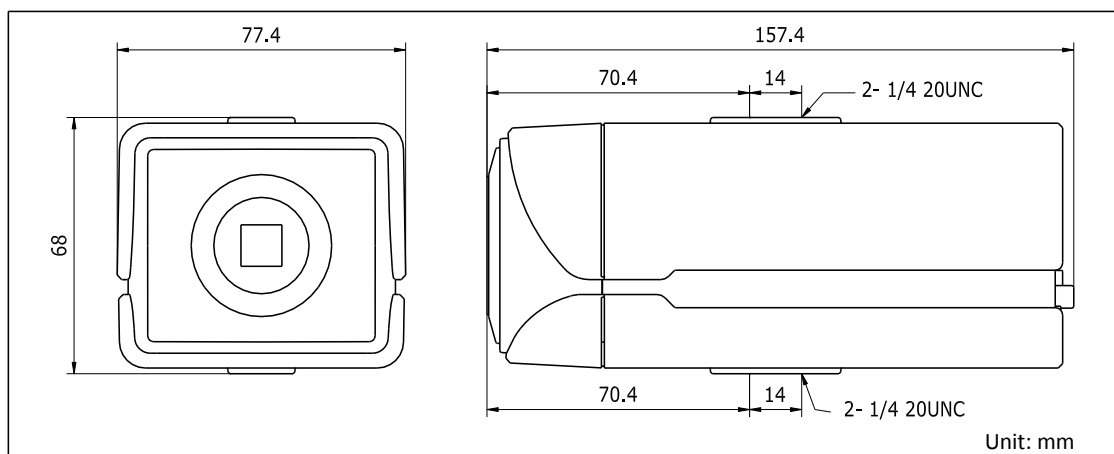
Model	DS-2CD876MF
	2 Megapixel CCD ICR Network Box Camera
Camera	
Image Sensor	1/1.8" SONY Progressive Scan CCD
Min. Illumination	Color: 0.5 Lux @ (F1.2, AGC ON) B/W: 0.05 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)

Dual Stream	Yes
Image	
Max. Resolution	1600 × 1200
Frame Rate	50 Hz: 25 fps (1600 × 1200) 60 Hz: 30 fps (1600 × 1200)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Audio Input	1-ch 3.5 mm audio interface, Line IN (2.0 - 2.4 Vp-p, 1 kΩ)
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port, 1 RS-485 and 1 RS-232 interface
Alarm Input	1
Alarm Output	1
Video Output	1-ch HDMI
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 13 W
Dimensions	77.4 × 68 × 157.4 mm (3.05" × 2.68" × 6.20")
Weight	1000 g (2.20 lbs)

Order Models

DS-2CD876MF

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD855F-E(Released)



Key Features

- Up to 2 megapixel (1920 x 1080) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Support 3D DNR (Digital Noise Reduction)
- IR cut filter with auto switch
- Low Illumination
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

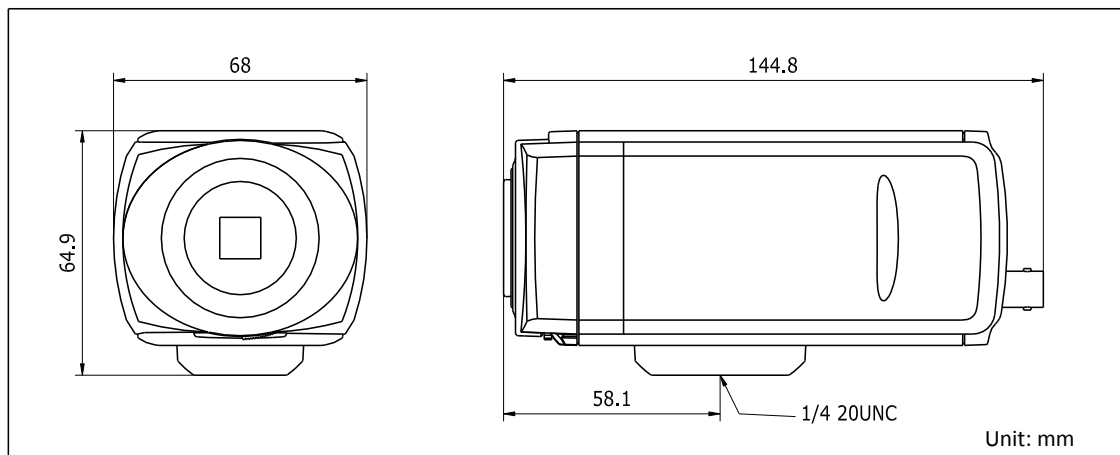
Model	DS-2CD855F-E
Parameter	2 Megapixel CMOS ICR Network Box Camera
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.05 Lux @ (F1.2, AGC ON) B/W: 0.005 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG

Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1920 × 1080
Frame Rate	50 Hz: 25 fps (1920 × 1080) 60 Hz: 30 fps (1920 × 1080)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 6.5 W (Max. 9.5 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

Order Models

DS-2CD855F-E

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD855-EI3(EI5) (Released)



Key Features

- Up to 2 megapixel (1920 x 1080) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- High-performance and long service life Infrared LED, Approx. 20 to 30 meters(50 metres) IR range
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Ingress Protection level: IP66
- Auto-iris, electronic shutter for different surveillance environments
- Other functions: heartbeat, alarm , mirror , etc.

Specification

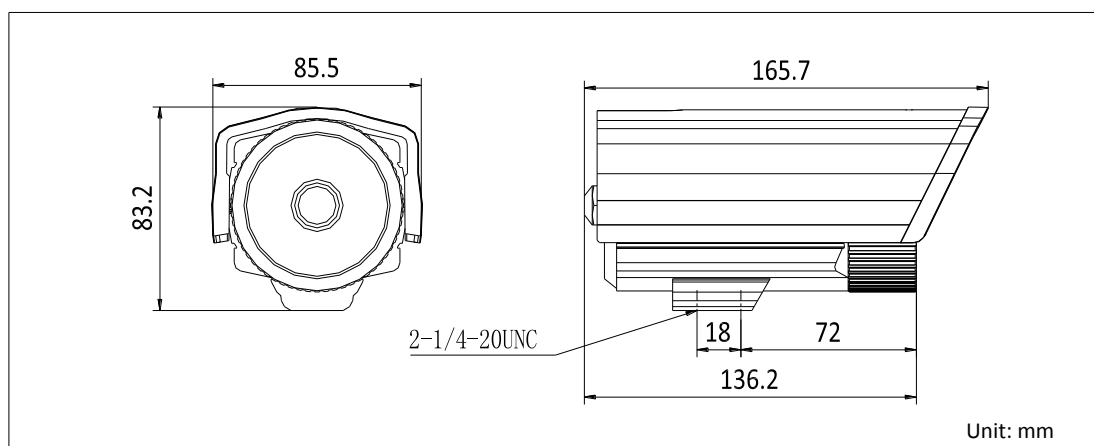
Model	DS-2CD855-EI3(EI5)
Parameter	2 Megapixel CMOS ICR Network Box Camera
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.05Lux @(F1.2,AGC ON) ,0 Lux with IR 0.14Lux @(F2.0,AGC ON) ,0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	EI3:6mm@ F2.0 Angle of view:45.3° (4mm optional) EI5: 12mm@ F2.0 Angle of view:22°
Lens Mount	M12
Day &Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Digital Noise Reduction	DNR

Image	
Max. Resolution	1920 × 1080
Frame Rate	50Hz:25fps (1920 × 1080) 60Hz:30fps (1920 × 1080)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Light inhibition	Yes
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 6.5 W
Ingress Protection level	IP66
IR Range	EI3: Approx. 20 to 30 meters EI5: Approx. 50 meters
Dimensions	85.5×83.2×165.7 mm (3.4" × 3.3" × 6.5")
Weight	1000 g (2.2 lbs)

Order Models

DS-2CD855-EI3, DS-2CD855-EI5

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ

DS-2CD855F-IR5(Sample available)



Key Features

- Up to 2 megapixel (1920 x 1080) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Array of Infrared LED, Approx. 50 meters IR range
- Support 3D DNR (Digital Noise Reduction)
- IR cut filter with auto switch
- Low Illumination
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

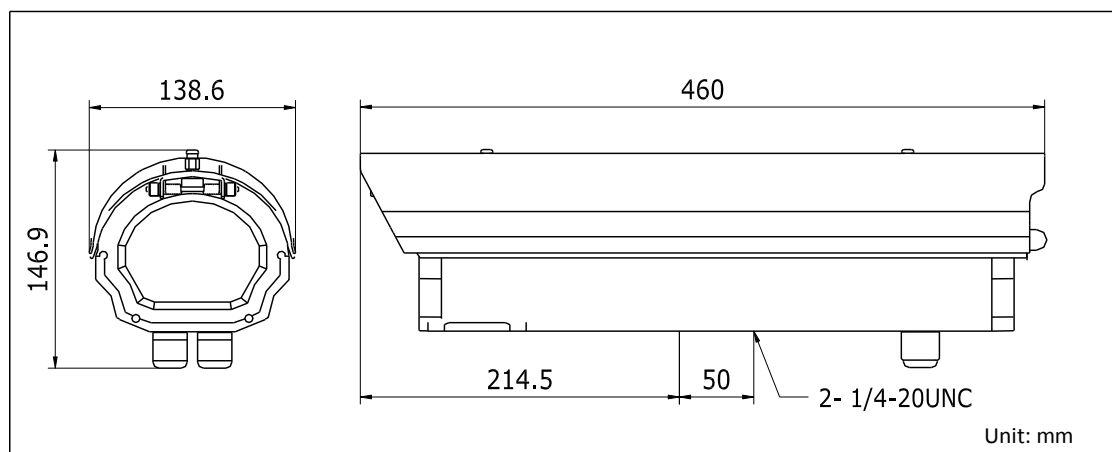
Model	DS-2CD855F-IR5
Parameter	2 Megapixel CMOS ICR Network Box Camera
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.05 Lux @ (F1.2, AGC ON) B/W: 0.005 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7 - 12 mm @ F1.2, Angle of view: 97.2 °~24.3 ° 5 - 50 mm @ F1.6, Angle of view: 49.6 °~5.5 °
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Wide Dynamic Range	120 dB
Digital Noise	3D DNR

Reduction	
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1920 × 1080
Frame Rate	50 Hz: 25 fps (1920 × 1080) 60 Hz: 30 fps (1920 × 1080)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Housing Feature	Aluminum alloy, heater and fan include
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24V AC
Power Consumption	Max. 50 W (2W with IR cut filter on, 10W with Infrared light on, 3W with fan on, 25W with heater on)
Dimensions	138.6×146.9×460mm (5.46" × 5.78" × 18.11")
Weight	2900g (6.39 lbs)

Order Models

DS-2CD855F-IR5

Dimensions



Accessories



Outdoor Crossbars Mount
(universal coupling including)
DS-1214ZJ



Outdoor camera housing
(universal coupling, part of 1214ZJ)
DS-1232HZ



Indoor/Outdoor Wall Mount
DS-1213ZJ

DS-2CD855F-FC (Sample available)



Key Features

- Up to 2 megapixel (1920 x 1080) resolution, real time video at FULL HD 1080p
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Support 3D DNR (Digital Noise Reduction)
- IR cut filter with auto switch
- Low Illumination
- Two-way audio
- Optical fiber LC (Lucent Connector) interface
- Transmit video signal by single-mode single fiber with the distance up to 20 km
 - Support anti-interference remote transmission with high bandwidth
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

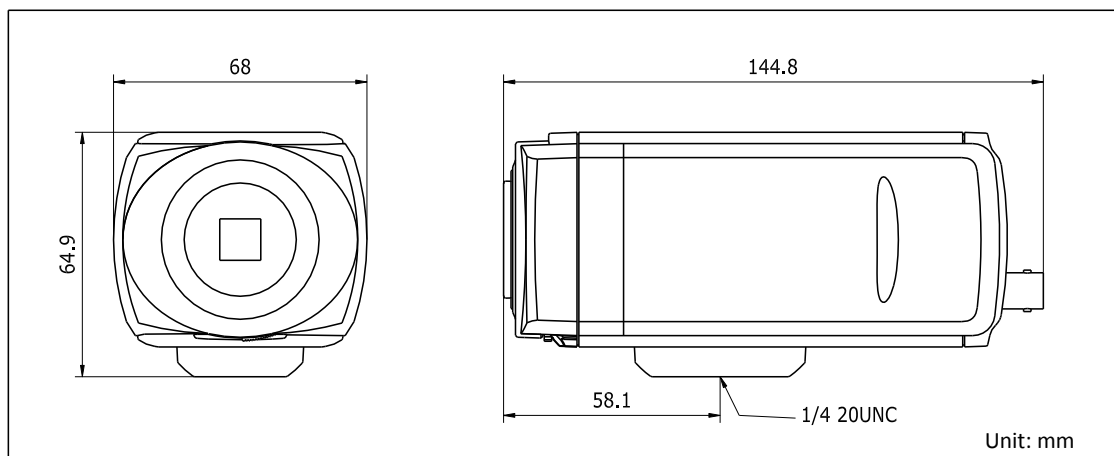
Model	DS-2CD855F-FC
Parameter	2 Megapixel CMOS ICR Network Box Camera
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.05 Lux @ (F1.2, AGC ON) B/W: 0.005 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG

Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1920 × 1080
Frame Rate	50 Hz: 25 fps (1920 × 1080) 60 Hz: 30 fps (1920 × 1080)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Optical Fiber	
Interface Type	1 LC (Lucent Connector)
Fiber Type	Single-mode single fiber
Transmission Distance	1.25Gbps 20 km
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 Optical fiber interface (LC) and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 6.5 W (Max. 9.5 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

Order Models

DS-2CD855F-FC

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD8255F-EI(Z)(S) (Released)



Key Features

- Up to 2 megapixel resolution, **real time video at FULL HD 1080p**
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- **IR cut filter with auto switch**
- **Support 3D DNR (Digital Noise Reduction)**
- **Low Illumination**
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- **Ingress Protection level: IP66**
- Other functions: heartbeat, PTZ control, alarm, mirror, etc.

Specification

Model Parameter	DS-2CD8255F-EI(Z)(S)	
	2 Megapixel CMOS Infrared Vari-focal Weather-proof Network Bullet Camera	
Camera		
Image Sensor	1/2.8" Progressive Scan CMOS	
Min. Illumination	0.05 Lux @ (F1.2, AGC ON),0 Lux with IR 0.08 Lux @ (F1.6, AGC ON),0 Lux with IR	
Shutter Speed	1/25 s to 1/100,000 s	
Lens	2.7 - 9 mm @ F1.2,Angle of view: 101 °30.4 °	
	-Z: Motorized VF lens, 2.7 - 9 mm @ F1.6,Angle of view: 101 °30.4 °	
Lens Mount	Φ14	
Auto-iris	DC drive	
Day & Night	IR cut filter with auto switch	
Digital Noise Reduction	3D DNR	
Compression Standard		

Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	
Max. Resolution	1920 x 1080
Frame Rate	50 Hz: 25 fps (1920 x 1080) 60 Hz: 30 fps (1920 x 1080)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Operating Conditions	-10 °C - 60 °C (14°F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 9.5 W -Z: Max. 12 W
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	98 × 88.6 × 328.8 mm (3.86" × 3.49" × 12.94")
Weight	1700 g (3.75 lbs)

*DS-2CD8255F-E, DS-2CD8255F-ES, DS-2CD8255F-EZ, DS-2CD8255F-EZS Series without Infrared and IR cut filter

functions

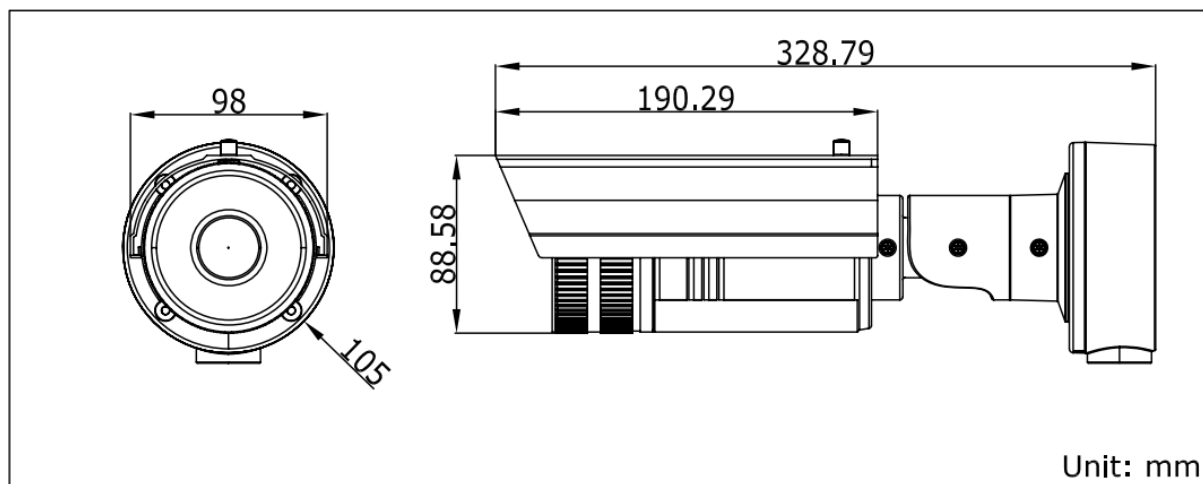
* "-S" series support 1-ch audio interface(Mic IN), 1-ch alarm interface and 1-ch RS-485 interface

* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD8255F-E, DS-2CD8255F-ES, S-2CD8255F-EZ, DS-2CD8255F-EZS
 DS-2CD8255F-EI, DS-2CD8255F-EIS, S-2CD8255F-EIZ, DS-2CD8255F-EIZS

Dimensions



DS-2CD853F-E(W) (Released)



Key Features

- Up to 2 megapixel (1600 × 1200) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support e-PTZ
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD853F-E(W)
Parameter	2 Megapixel CMOS ICR Network Box Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.5 Lux @ (F1.2, AGC ON), 0.1 Lux @ (F1.2, AGC ON, sensitivity × 5) B/W: 0.05 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.2, AGC ON, sensitivity × 5)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps - 16 Mbps
Audio Compression	G.711/G.726

Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1600 x 1200
Frame Rate	50 Hz: 12.5 fps (1600 × 1200), 12.5 fps (1600 × 912), 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 15 fps (1600 × 1200), 15 fps (1600 × 912), 25 fps (1280 × 960), 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)

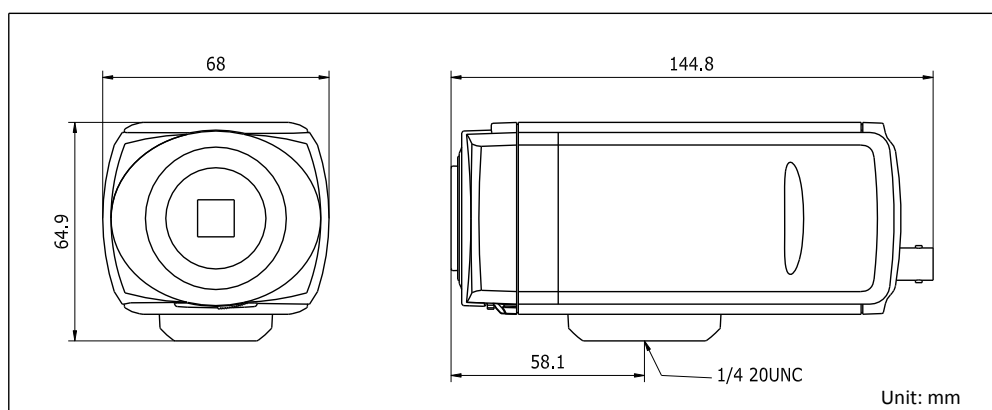
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 4.5 W (Max. 7.5 W with IR cut filter on) -W: Max. 6 W (Max. 9 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

* "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1x protocol.

Order Models

DS-2CD853F-E, DS-2CD853F-EW

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD8253F-EI(Z)(S) (Released)



Key Features

- Up to 2 megapixel (1600 × 1200) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support e-PTZ
- Support dual stream, and the sub-stream for mobile surveillance
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Ingress Protection level: IP66

Specification

Model Parameter	DS-2CD8253F-EI(Z)(S)
	2 Megapixel CMOS Infrared Vari-focal Weather-proof Network Bullet Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.5 Lux @ (F1.2, AGC ON), 0.1 Lux @ (F1.2, AGC ON, sensitivity × 5) 0.8 Lux @ (F1.6, AGC ON), 0.16 Lux @ (F1.2, AGC ON, sensitivity × 5) 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7 - 9 mm @ F1.2, Angle of view: 101 °30.4 °
	-Z: Motorized VF lens, 2.7 - 9 mm @ F1.6, Angle of view: 101 °30.4 °
Lens Mount	Φ14
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	

Max. Resolution	1600 x 1200
Frame Rate	50 Hz: 12.5 fps (1600 × 1200), 12.5 fps (1600 × 912), 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 15 fps (1600 × 1200), 15 fps (1600 × 912), 25 fps (1280 × 960), 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 9.5 W -Z: Max. 12 W
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	98 × 88.6 × 328.8 mm (3.86" × 3.49" × 12.94")
Weight	1700 g (3.75 lbs)

*DS-2CD8253F-E, DS-2CD8253F-ES, DS-2CD8253F-EZ, DS-2CD8253F-EZS series without Infrared and IR cut filter

functions

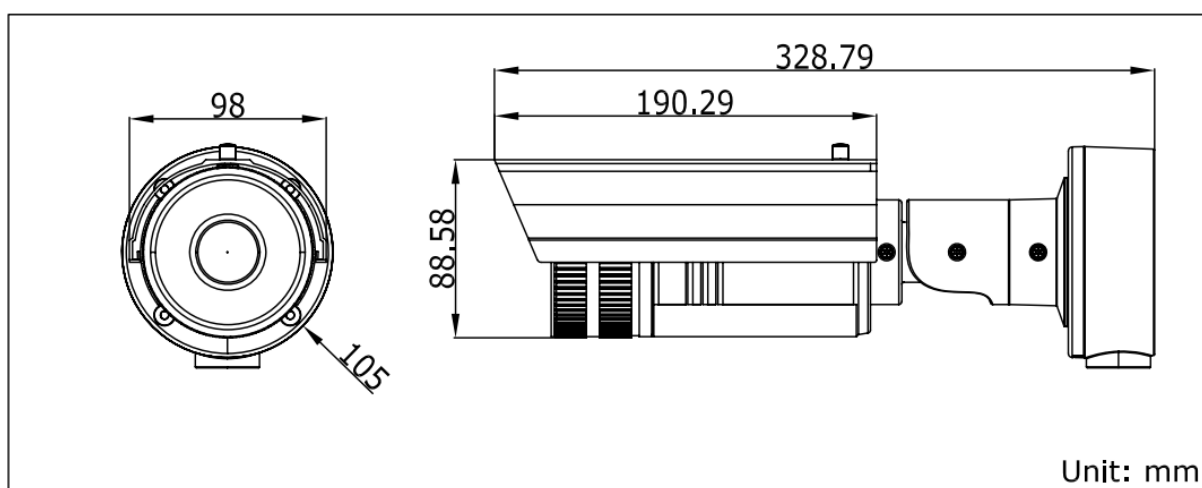
* "-S" series support 1-ch audio interface (Mic IN), 1-ch alarm interface and 1-ch RS-485 interface

* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD8253F-E, DS-2CD8253F-ES, DS-2CD8253F-EZ, DS-2CD8253F-EZS

DS-2CD8253F-EI, DS-2CD8253F-EIS, DS-2CD8253F-EIZ, DS-2CD8253F-EIZS

Dimensions

DS-2CD755F-E(I)(Z)(Released)



Key Features

- Up to 2 megapixel resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Support 3D DNR (Digital Noise Reduction)
- Two-way audio
- Low Illumination
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD755F-E(I)(Z)
Parameter	2 Megapixel CMOS Network Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.05 Lux @ (F1.2, AGC ON) -I: 0.05Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7-9mm @ F1.2, Angle of view: 101 °±30.4 °
	-Z: Motorized VF lens, 2.7-9mm @ F1.2, Angle of view: 101 °±30.4 °
Lens Mount	Φ14

Auto-iris	DC drive
Angle Adjustment	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Digital Noise Reduction	3D DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1920 × 1080
Frame Rate	50 Hz: 25 fps (1920 × 1080) 60 Hz: 30 fps (1920 × 1080)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)

Power Consumption	6.5W~11.5W (IR: 2W, Motorized VF lens: 3W)
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IR Range	-I: Approx. 10 to 20 meters
Dimensions	Φ 140 × 114 mm (Φ 5.51" × 4.49")
Weight	1400 g (3.09 lbs)

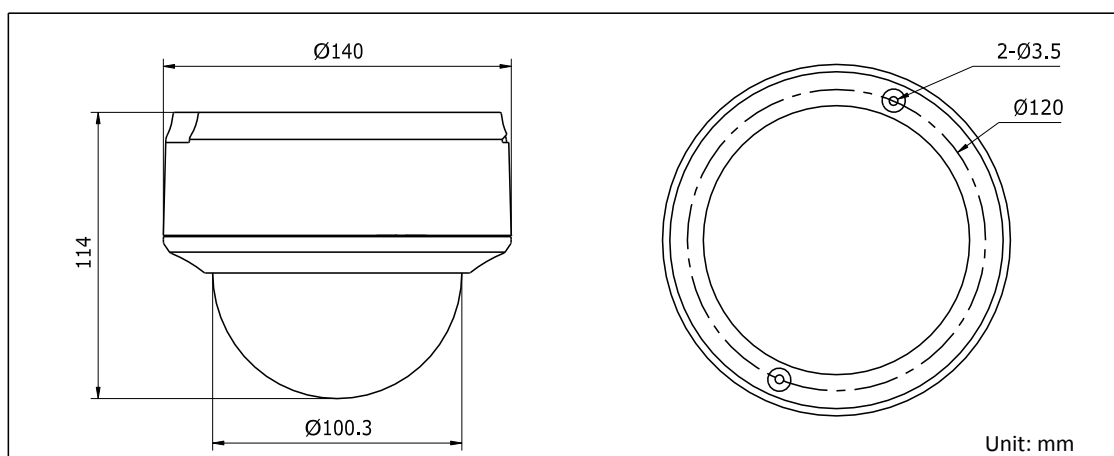
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD755F-E, DS-2CD755F-EI

DS-2CD755F-EZ, DS-2CD755F-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD7255F-E(I)Z(H)(S)

(Sample available , Release: Q3 2012)



Key Features

- Up to 2 megapixel resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Support 3D DNR (Digital Noise Reduction)
- Motorized VF lens
- Two-way audio
- Low Illumination
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD7255F-E(I)Z(H)(S)
Parameter	2 Megapixel CMOS Weather-proof Vandal-Proof Network Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.05 Lux @(F1.2,AGC ON)
	0.08 Lux @(F1.6,AGC ON)
	0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s

Lens	2.7 – 9 mm @ F1.6
	Angle of view: 101° - 30.4°
Lens Mount	Φ14
Auto-iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: 0 - 355°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Digital Noise Reduction	3D DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	-S: G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1920 × 1080
Frame Rate	50 Hz: 25 fps (1920 × 1080)
	60 Hz: 30 fps (1920 × 1080)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F)
	Humidity 90% or less (non-condensing)
	-H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24 V AC ± 10%
	PoE (802.3af)
	-H:
	24 V AC ± 10%
	High PoE (802.3at)
Power	Max. 9 W

Consumption	-I: Max. 12W -H: Max. 24W with heater on
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
IR Range	-I: Approx. 20 to 30 meters(65.6-98.4ft)
Dimensions	Φ 159.8 × 146 mm (Φ 6.29" × 5.75")
Weight	2100 g (4.62 lbs)

* "-S" series support 1-ch audio interface, 2-ch alarm interface and 1-ch RS-485 interface

* "-H" series support heater

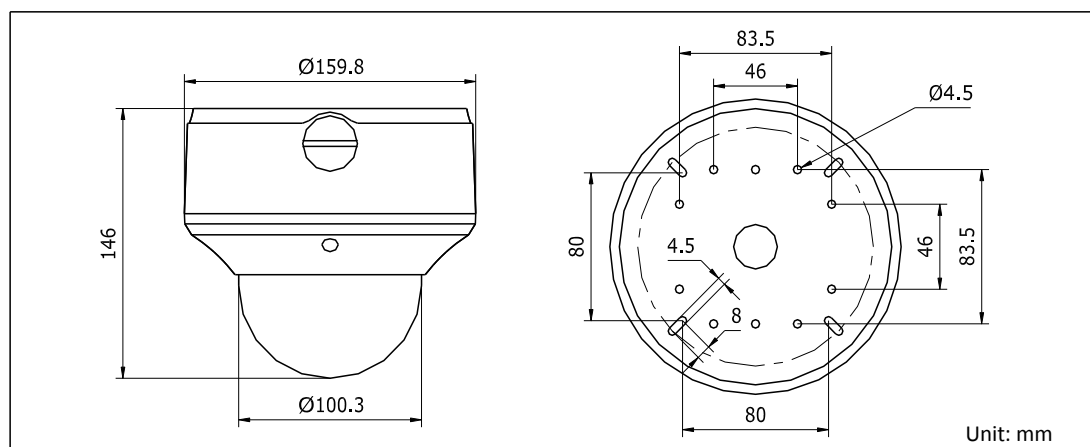
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD7255F-EZ, DS-2CD7255F-EIZ, DS-2CD7255F-EZH, DS-2CD7255F-EZHS

DS-2CD7255F-EZS, DS-2CD7255F-EIZH, DS-2CD7255F-EIZS, DS-2CD7255F-EIZHS

Dimensions



Accessories



Lifting Mount
DS-1248ZJ



Wall Mount
DS-1217ZJ

DS-2CD754FWD-E(I)(Z) (Released)



Key Features

- Up to 2 megapixel (1920× 1080) resolution, real time video at **FULL HD 1080p**
- Standard video compression with high compression ratio
- **120 dB WDR(Wide Dynamic Range)**
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- **Support analog video output for adjustment and installation**
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD754FWD-E(I)(Z)
Parameter	2 Megapixel CMOS Vandal-proof Network Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.17Lux @ (F1.6, AGC ON) -I: 0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR 0.17 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7-9mm @ F1.6, Angle of view: 101 °~30.4 ° -Z: Motorized VF lens, 2.7-9mm @ F1.6, Angle of view: 101 °~30.4 °
Lens Mount	Φ14
Auto-iris	DC drive

Angle Adjustment	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Wide Dynamic Range	120dB
Digital Noise Reduction	3D DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1920 × 1080
Frame Rate	50Hz: 25fps (1920 × 1080), 25fps (1280 × 720) 60Hz: 30fps (1920 × 1080), 30fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%

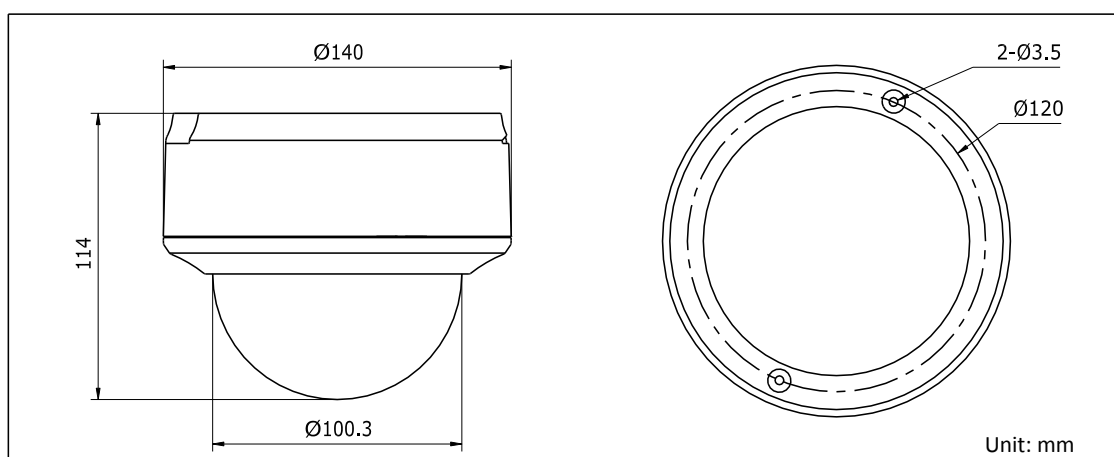
	PoE (802.3af)
Power Consumption	5.5W~10.5W (IR: 2W, Motorized VF lens: 3W)
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
IR Range	-I: Approx. 10 to 20 meters
Dimensions	Φ 140 × 114 mm (Φ 5.51" × 4.49")
Weight	1400 g (3.09 lbs)

* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD754FWD-E, DS-2CD754FWD-EI
DS-2CD754FWD-EZ, DS-2CD754FWD-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD753F-E(I)(Z)(Released)



Key Features

- Up to 2 megapixel (1600 × 1200) resolution, and real time video encoding at HD 720p
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support e-PTZ
- Support Motorized VF lens
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD753F-E(I)(Z)
Parameter	2 Megapixel CMOS Vandal-proof Network Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.5 Lux @ (F1.2, AGC ON), 0.1 Lux @ (F1.2, AGC ON, sensitivity × 5) -I: 0.5 Lux @ (F1.2, AGC ON), 0.1 Lux @ (F1.2, AGC ON, sensitivity × 5) 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7-9mm @ F1.2, Angle of view: 101 °30.4 °
	-Z: Motorized VF lens, 2.7-9mm @ F1.2, Angle of view: 101 °30.4 °
Lens Mount	Φ14
Auto-iris	DC drive

Angle Adjustment	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1600 x 1200
Frame Rate	50 Hz: 12.5 fps (1600 × 1200), 12.5 fps (1600 × 912), 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 15 fps (1600 × 1200), 15 fps (1600 × 912), 25 fps (1280 × 960), 30 fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Video tampering, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power	4.5W~9.5W

Consumption	(IR: 2W, Motorized VF lens: 3W)
IR Range	-I: Approx. 10 to 20 meters
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
Dimensions	Φ 140 × 114 mm (Φ 5.51" × 4.49")
Weight	1400 g (3.09 lbs)

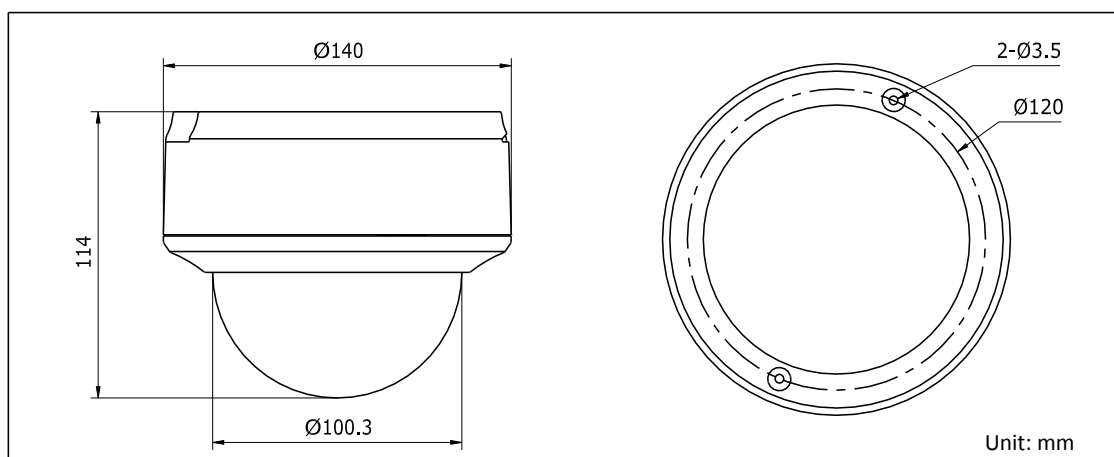
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD753F-E, DS-2CD753F-EI

DS-2CD753F-EZ, DS-2CD753F-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD7253F-E(I)Z(H)(S)(Released)



Key Features

- Up to 2 megapixel (1600 x 1200) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Motorized VF lens
- Two-way audio
- Support e-PTZ
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD7253F-E(I)Z(H)(S)
Parameter	2 Megapixel CMOS Weather-proof Vandal-Proof Network Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.5 Lux @(F1.2,AGC ON)
	0.8 Lux @(F1.6,AGC ON)
	0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7 – 9 mm @ F1.6
	Angle of view: 101° - 30.4°
Lens Mount	Φ14

Auto-iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: 0 - 355°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	-S: G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1600×1200
Frame Rate	50Hz:12.5fps (1600×1200),12.5fps (1600×912),25fps (1280×960),25fps (1280×720) 60Hz:15fps (1600×1200),15fps (1600×912),25fps (1280×960),30fps (1280×720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24 V AC ± 10% PoE (802.3af) -H: 24 V AC ± 10% High PoE (802.3at)
Power Consumption	Max. 9 W -I: Max. 12W -H: Max. 24W with heater on
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress Protection	IP66

level	
IR Range	-I: Approx. 20 to 30 meters(65.6-98.4ft)
Dimensions	Φ 159.8 × 146 mm (Φ 6.29" × 5.75")
Weight	2100 g (4.62 lbs)

* "-S" series support 1-ch audio interface, 2-ch alarm interface and 1-ch RS-485 interface

* "-H" series support heater

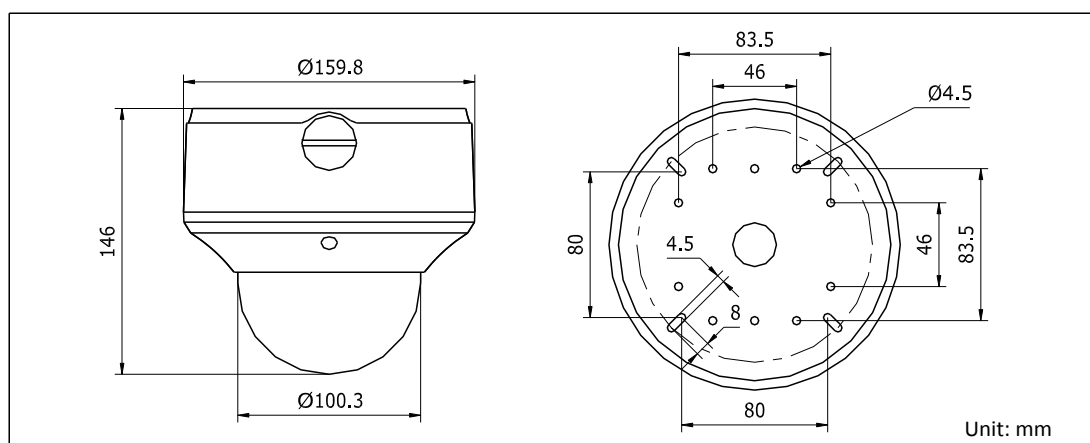
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD7253F-EZ, DS-2CD7253F-EIZ,DS-2CD7253F-EZH,DS-2CD7253F-EZHS

DS-2CD7253F-EZS, DS-2CD7253F-EIZH, DS-2CD7253F-EIZS,DS-2CD7253F-EIZHS

Dimensions



Accessories



Lifting Mount
DS-1248ZJ



Wall Mount
DS-1217ZJ

DS-2CD8153F-E(I)(W)(Released)



Key Features

- Up to 2 megapixel (1600 × 1200) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support e-PTZ function
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB Micro SD card for on-board storage
- Built-in microphone and speaker
- Two-way audio
- PoE (Power over Ethernet)

Specification

Model	DS-2CD8153F-E(I)(W)
	2 megapixel CMOS Network Cube Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.5 Lux @ (F1.2, AGC ON), 0.1 Lux @ (F1.2, AGC ON, sensitivity × 5) 1.1 Lux @ (F1.8, AGC ON), 0.2 Lux @ (F1.8, AGC ON, sensitivity × 5)
Shutter Speed	1/25 s to 1/100,000 s
Lens	4 mm @ F1.8
	Angle of view: 68°
Lens Mount	M12
Day & Night	Electronic
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps

Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1600 x 1200
Frame Rate	50 Hz: 12.5 fps (1600 × 1200), 12.5 fps (1600 × 912), 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 15 fps (1600 × 1200), 15 fps (1600 × 912), 25 fps (1280 × 960), 30 fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio	Internal Microphone and Speaker
Communication Interface	1 RJ45 10M/100M Ethernet port
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)
General	

Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	5V DC ± 10% PoE (802.3af)
Power Consumption	Max. 4 W -I: Max. 5 W -W: Max. 5.5W
IR Range	-I: Approx. 2-5 meters
Dimensions	110 × 70.4 × 47.6 mm (4.33" × 2.77" × 1.87")
Weight	250 g (0.55 lbs)

* "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1x protocol.

* "-I" series support 2-5 meters IR Range

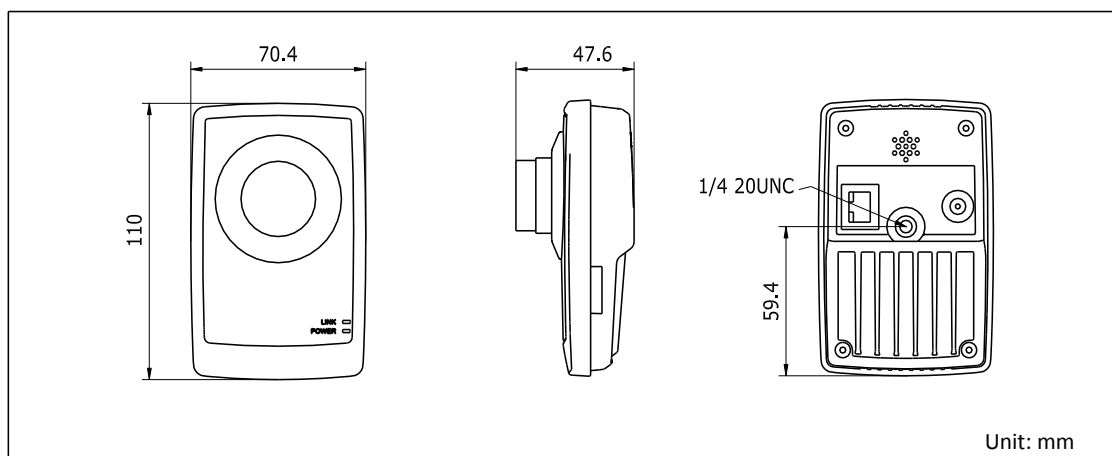
* A mount is provided with the camera in the package

Order Models

DS-2CD8153F-E, DS-2CD8153F-EI

DS-2CD8153F-EW, DS-2CD8153F-EIW

Dimensions



DS-2CD7153-E(Released)



Key Features

- Up to 2 megapixel (1600 × 1200) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support e-PTZ function
- Support dual stream, and the sub-stream for mobile surveillance
- PoE (Power over Ethernet)
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10

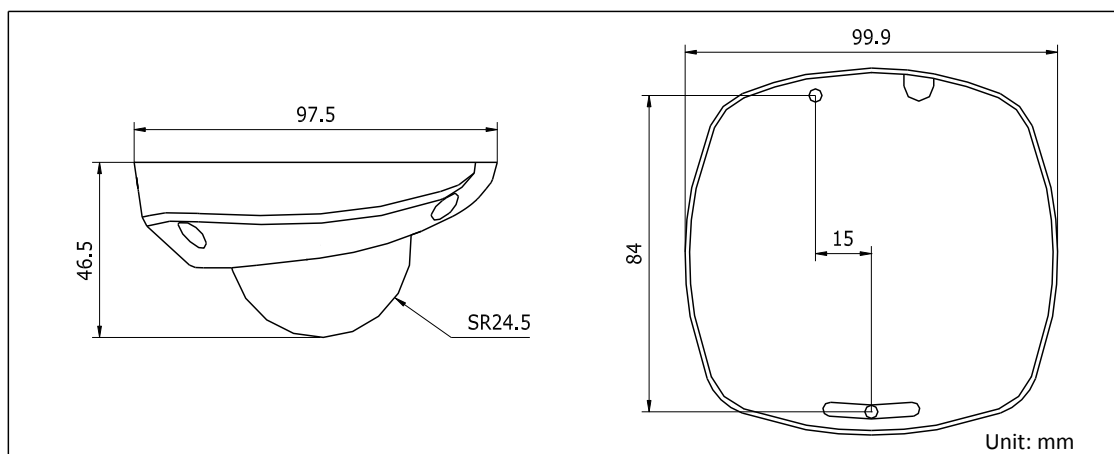
Specification

Model Parameter	DS-2CD7153-E
	2 megapixel CMOS Weather-proof Vandal-proof Network Mini Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.5 Lux @ (F1.2, AGC ON), 0.1 Lux @ (F1.2, AGC ON, sensitivity × 5) 1.1 Lux @ (F1.8, AGC ON), 0.2 Lux @ (F1.8, AGC ON, sensitivity × 5)
Shutter Speed	1/25 s to 1/100,000 s
Lens	4 mm @ F1.8 (2.8, 6, 8 mm optional)
	Angle of view: 68°
Lens Mount	M12
Angle Adjustment	Pan: ± 15°, Tilt: 0 - 90°, Rotation: ± 15°
Day & Night	Electronic
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG

Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	
Max. Resolution	1600 x 1200
Frame Rate	50 Hz: 12.5 fps (1600 × 1200), 12.5 fps (1600 × 912), 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 15 fps (1600 × 1200), 15 fps (1600 × 912), 25 fps (1280 × 960), 30 fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet port
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 4 W
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
Dimensions	99.9 × 97.5 × 46.5 mm (3.93" × 3.84" × 1.83")
Weight	250 g (0.55 lbs)

Order Models

DS-2CD7153-E

Dimensions

3MP High-definition Network Camera

DS-2CD854F-E(W) (Released)



Key Features

- Up to 3 megapixel (2048 x 1536) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD854F-E(W)
Parameter	3 Megapixel CMOS ICR Network Box Camera
Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.6 Lux @ (F1.2, AGC ON) B/W: 0.08 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	DNR
Compression Standard	
Video	H.264/MPEG4/MJPEG

Compression	
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	2048 × 1536
Frame Rate	50 Hz: 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1600 × 1200), 25fps (1280 × 720) 60 Hz: 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1600 × 1200), 30fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM

Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical) 11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 5.5 W (Max. 8.5 W with IR cut filter on) -W: Max. 7 W (Max. 10 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

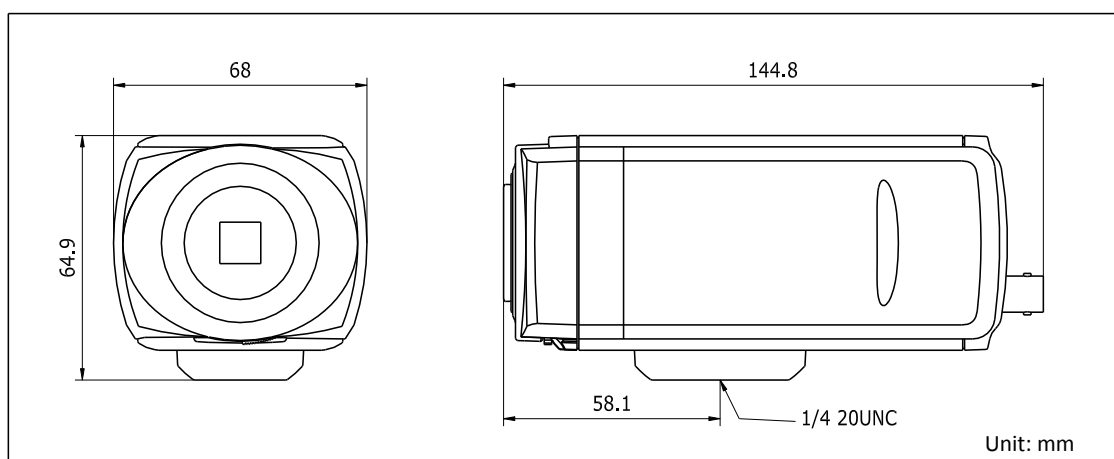
* "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1x protocol.

Order Models

DS-2CD854F-E

DS-2CD854F-EW

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD854FWD-E (Released)



Key Features

- Up to 3 megapixel (2048 × 1536) resolution, real time video at Full HD 1080p
- Standard video compression with high compression ratio
- 120dB WDR(Wide Dynamic Range)
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Support 3D DNR (Digital Noise Reduction)
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

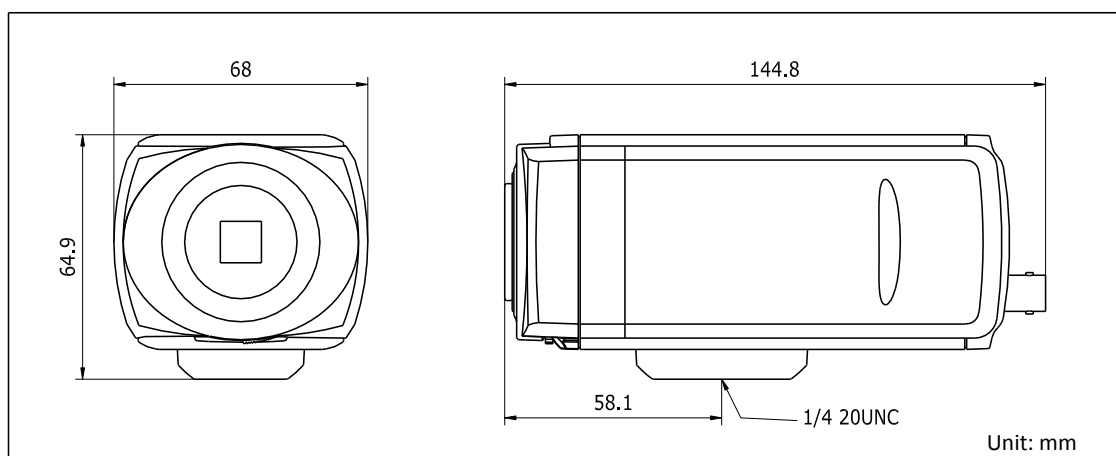
Model	DS-2CD854FWD-E
Parameter	3 Megapixel CMOS WDR ICR Network Box Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.1 Lux @ (F1.2, AGC ON) B/W: 0.01 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Wide Dynamic Range	120dB
Digital Noise Reduction	3D DNR
Compression Standard	

Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps - 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	2048 × 1536
Frame Rate	50Hz: 12.5fps (2048 × 1536), 25fps (1920 × 1080), 25fps (1280 × 720) 60Hz: 15 fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark, Password Protection, Heartbeat
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 5.5 W (Max. 8.5 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

Order Models

DS-2CD854FWD-E

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD8254F-EI(Z)(S) (Released)



Key Features

- Up to 3 megapixel (2048 x 1536) resolution, **real time video at FULL HD 1080p**
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- **IR cut filter with auto switch**
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- **Ingress Protection level: IP66**
- Other functions: heartbeat, PTZ control, alarm, mirror, etc.

Specification

Model Parameter	DS-2CD8254F-EI(Z)(S)
	3 Megapixel CMOS Infrared Vari-focal Weather-proof Network Bullet Camera
Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	0.6 Lux @ (F1.2, AGC ON) 1 Lux @ (F1.6, AGC ON) 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7 - 9 mm @ F1.6, Angle of view: 101 °30.4 °
	-Z: Motorized VF lens, 2.7 - 9 mm @ F1.6, Angle of view: 101 °30.4 °
Lens Mount	Φ14
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	DNR
Compression Standard	
Video	H.264/MPEG4/MJPEG

Compression	
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	
Max. Resolution	2048 x 1536
Frame Rate	50 Hz: 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1600 × 1200), 25fps (1280 × 720) 60 Hz: 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1600 × 1200), 30fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Operating Conditions	-10 °C - 60 °C (14°F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 9.5 W -Z: Max. 12 W
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	98 × 88.6 × 328.8 mm (3.86" × 3.49" × 12.94")
Weight	1700 g (3.75 lbs)

*DS-2CD8254F-E, DS-2CD8254F-ES, DS-2CD8254F-EZ, DS-2CD8254F-EZS series without Infrared and IR cut filter functions

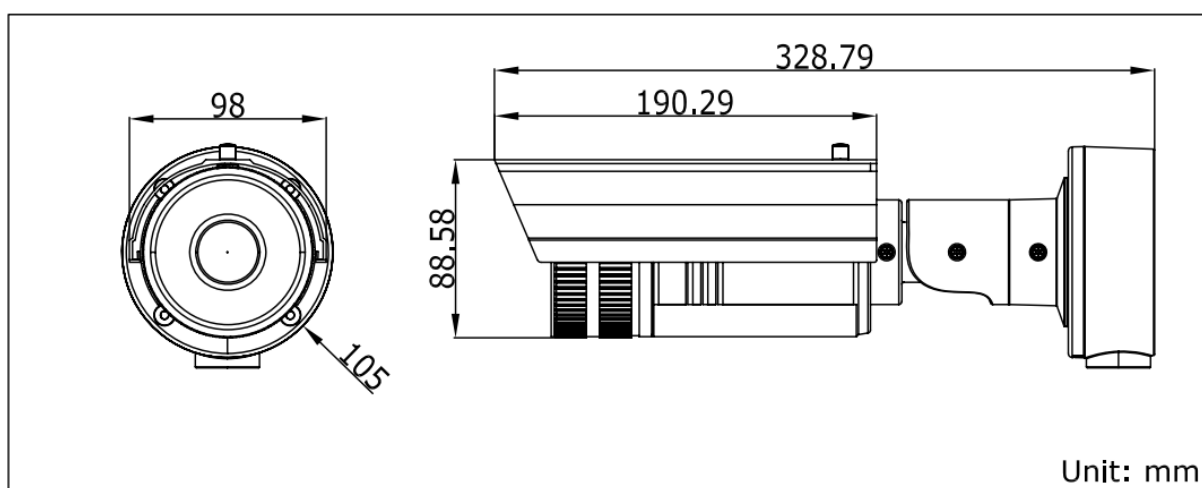
*“-S” series support 1-ch audio interface(Mic IN), 1-ch alarm interface and 1-ch RS-485 interface

*“-Z” is equipped with Motorized VF lens

Order Models

DS-2CD8254F-E, DS-2CD8254F-ES, DS-2CD8254F-EZ, DS-2CD8254F-EZS

DS-2CD8254F-EI, DS-2CD8254F-EIS, DS-2CD8254F-EIZ, DS-2CD8254F-EIZS

Dimensions

DS-2CD8254FWD-EI(Z)(S) (Released)



Key Features

- Up to 3 megapixel (2048 x 1536) resolution, **real time video at FULL HD 1080p**
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- **120dB WDR(Wide Dynamic Range)**
- **Support 3D DNR (Digital Noise Reduction)**
- **IR cut filter with auto switch**
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- **Ingress Protection level: IP66**
- Other functions: heartbeat, PTZ control, alarm, mirror, etc.

Specification

Model Parameter	DS-2CD8254FWD-EI(Z)(S)
	3 Megapixel CMOS WDR Infrared Vari-focal Weather-proof Network Bullet Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.1 Lux @ (F1.2, AGC ON) 0.17 Lux @ (F1.6, AGC ON) 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7 - 9 mm @ F1.6, Angle of view: 101 °30.4 °
	-Z: Motorized VF lens, 2.7 - 9 mm @ F1.6, Angle of view: 101 °30.4 °
Lens Mount	Φ14
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Wide Dynamic Range	120dB

Digital Noise Reduction	3D DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	
Max. Resolution	2048 x 1536
Frame Rate	50 Hz: 12.5 fps (2048 x 1536), 25 fps (1920 x 1080), 25 fps (1280 x 720) 60 Hz: 15 fps (2048 x 1536), 30 fps (1920 x 1080), 30 fps (1280 x 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Operating Conditions	-10 °C - 60 °C (14°F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 9.5 W -Z: Max. 12 W
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	98 × 88.6 × 328.8 mm (3.86" × 3.49" × 12.94")
Weight	1700 g (3.75 lbs)

*DS-2CD8254FWD-E, DS-2CD8254FWD-ES, DS-2CD8254FWD-EZ, DS-2CD8254FWD-EZS series without Infrared and IR cut filter functions

* "-S" series support 1-ch audio interface(Mic IN), 1-ch alarm interface and 1-ch RS-485 interface

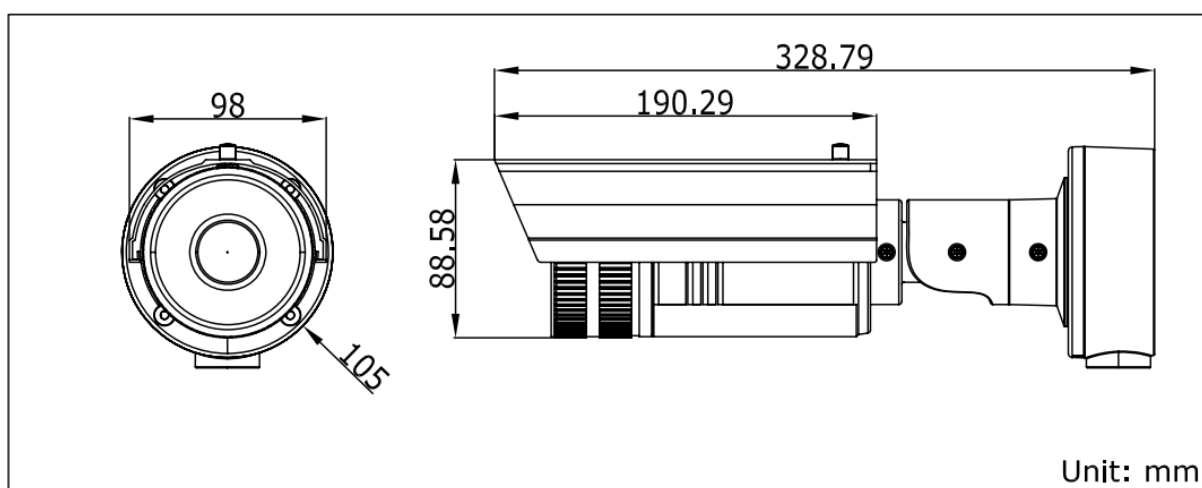
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD8254FWD-E, DS-2CD8254FWD-ES, DS-2CD8254FWD-EZ, DS-2CD8254FWD-EZS

DS-2CD8254FWD-EI, DS-2CD8254FWD-EIS, DS-2CD8254FWD-EIZ, DS-2CD8254FWD-EIZS

Dimensions



DS-2CD754F-E(I)(Z) (Released)



Key Features

- Up to 3 megapixel (2048 x 1536) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD754F-E(I)(Z)
Parameter	3 Megapixel CMOS Network Dome Camera
Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	0.6 Lux @ (F1.2, AGC ON) 1 Lux @ (F1.6, AGC ON) -I: 0.6 Lux @ (F1.2, AGC ON), 0 Lux with IR 1 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7-9mm @ F1.6, Angle of view: 101 °~30.4 °
	-Z: Motorized VF lens, 2.7-9mm @ F1.6, Angle of view: 101 °~30.4 °
Lens Mount	Φ14

Auto-iris	DC drive
Angle Adjustment	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Digital Noise Reduction	DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	2048 × 1536
Frame Rate	50 Hz: 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1280 × 720) 60 Hz: 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1280 × 720)
Image Setting	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)

Power Supply	12 V DC $\pm$ 10% PoE (802.3af)
Power Consumption	5.5W~10.5W (IR: 2W, Motorized VF lens: 3W)
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IR Range	-I: Approx. 10 to 20 meters
Dimensions	Φ 140 $\times$ 114 mm (Φ 5.51" $\times$ 4.49")
Weight	1400 g (3.09 lbs)

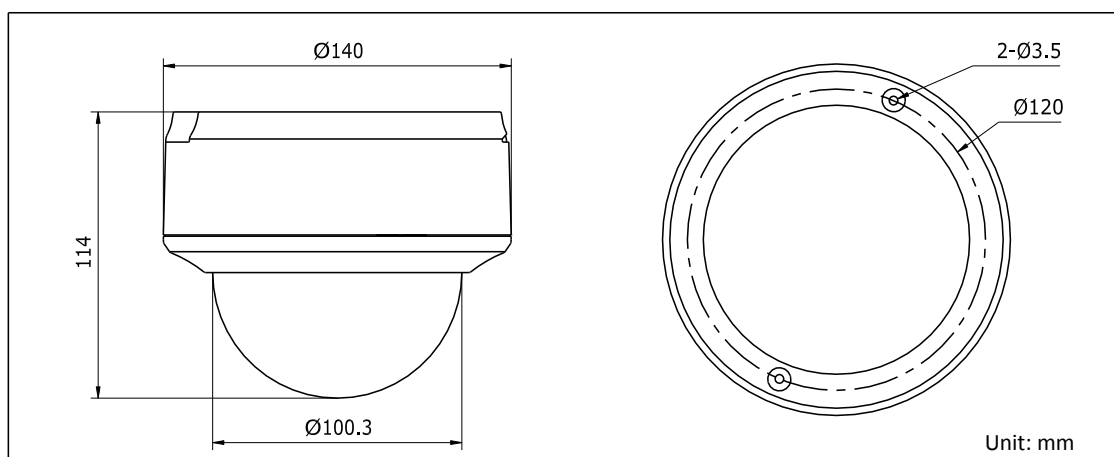
* "-Z" is equipped with Motorized VF lens

Order Models

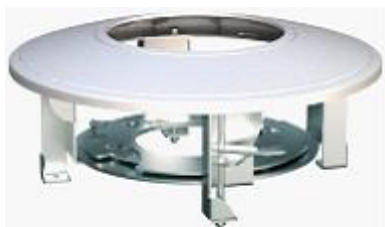
DS-2CD754F-E, DS-2CD754F-EI

DS-2CD754F-EZ, DS-2CD754F-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD7254F-E(I)Z(H)(S) (Released)



Key Features

- Up to 3 megapixel (2048 x 1536) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Motorized VF lens
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD7254F-E(I)Z(H)(S)
Parameter	3 Megapixel CMOS Weather-proof Vandal-Proof Network Dome Camera
Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	0.6 Lux @(F1.2,AGC ON) 1 Lux @(F1.6,AGC ON) -I: 0.6 Lux @(F1.2,AGC ON) ,0 Lux with IR 1 Lux @(F1.6,AGC ON) ,0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7 – 9 mm @ F1.6
	Angle of view: 101° - 30.4°

Lens Mount	Φ14
Auto-iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: 0 - 355°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Digital Noise Reduction	DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	-S: G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	2048 × 1536
Frame Rate	50 Hz: 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1600 × 1200), 25 fps (1280 × 720) 60 Hz: 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1600 × 1200), 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Backlight compensation	Yes, zone optional
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24 V AC ± 10% PoE (802.3af) -H: 24 V AC ± 10%

	High PoE (802.3at)
Power Consumption	Max. 9 W -I: Max. 12W -H: Max. 24W with heater on
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
IR Range	-I: Approx. 20 to 30 meters(65.6-98.4ft)
Dimensions	Φ 159.8 × 146 mm (Φ 6.29" × 5.75")
Weight	2100 g (4.62 lbs)

* "-S" series support 1-ch audio interface, 2-ch alarm interface and 1-ch RS-485 interface

* "-H" series support heater

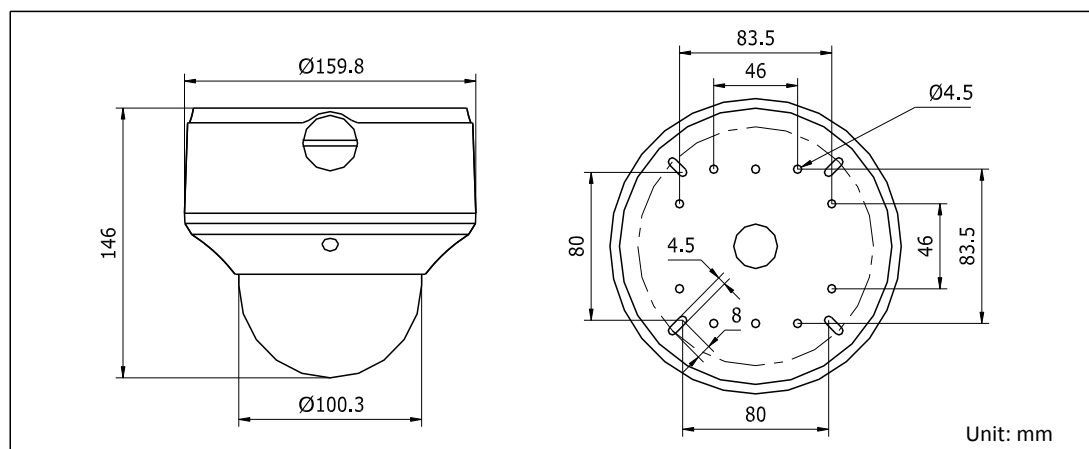
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD7254F-EZ, DS-2CD7254F-EIZ, DS-2CD7254F-EZH, DS-2CD7254F-EZHS

DS-2CD7254F-EZS, DS-2CD7254F-EIZH, DS-2CD7254F-EIZS, DS-2CD7254F-EIZHS

Dimensions



Accessories



Lifting Mount
DS-1248ZJ



Wall Mount
DS-1217ZJ

DS-2CD7254FWD-E(I)Z(H)(S) (Released)



Key Features

- Up to 3 megapixel (2048 x 1536) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- 120dB Wide Dynamic Range, suitable for strong backlight environment
- Support 3D DNR (Digital Noise Reduction)
- Motorized VF lens
- Two-way audio
- PoE (Power over Ethernet)
- Support analog video output for adjustment and installation
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	DS-2CD7254FWD-E(I)Z(H)(S)
Parameter	3 Megapixel CMOS WDR Vari-focal Vandal-Proof Network Dome Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.1 Lux @(F1.2,AGC ON) 0.17 Lux @(F1.6,AGC ON) 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	2.7 – 9 mm @ F1.6 Angle of view: 101° - 30.4°
Lens Mount	Φ14

Auto-iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: 0 - 355°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Wide Dynamic Range	120dB
Digital Noise Reduction	3D DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	-S: G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	2048 × 1536
Frame Rate	50 Hz: 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1280 × 720) 60 Hz: 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24 V AC ± 10% PoE (802.3af) -H: 24 V AC ± 10% High PoE (802.3at)
Power Consumption	Max. 9 W -I: Max. 12W -H: Max. 24W with heater on

Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
IR Range	-I: Approx. 20 to 30 meters(65.6-98.4ft)
Dimensions	Φ 159.8 × 146 mm (Φ 6.29" × 5.75")
Weight	2100 g (4.62 lbs)

* "-S" series support 1-ch audio interface, 2-ch alarm interface and 1-ch RS-485 interface

* "-H" series support heater

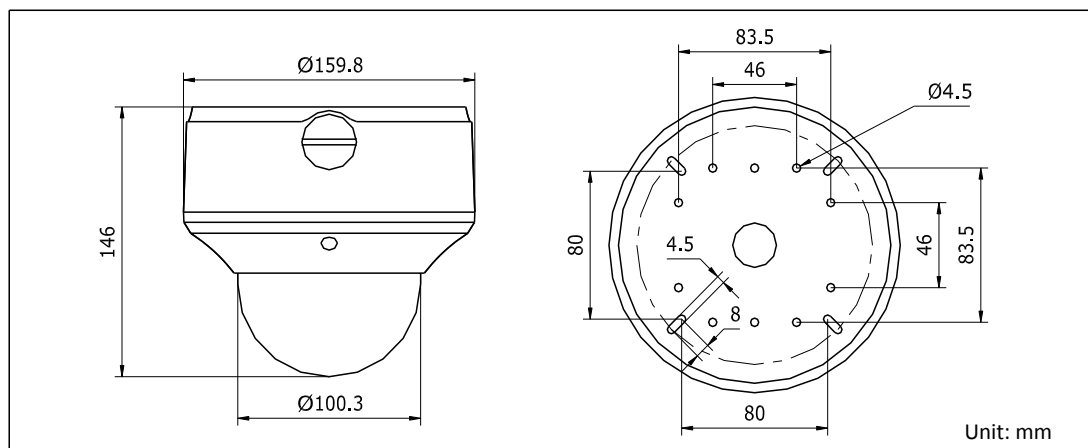
* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD7254FWD-EZ, DS-2CD7254FWD-EIZ,DS-2CD7254FWD-EZH,DS-2CD7254FWD-EZHS

DS-2CD7254FWD-EZS, DS-2CD7254FWD-EIZH, DS-2CD7254FWD-EIZS,DS-2CD7254FWD-EIZHS

Dimensions



Accessories



Lifting Mount
DS-1248ZJ



Wall Mount
DS-1217ZJ

5MP High-definition Network Camera

DS-2CD883F-E(W) (Released)



Key Features

- Up to 5 megapixel (2560 x 1920) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Support analog video output for adjustment and installation
- Auto-iris, electronic shutter for different surveillance environments
- Other functions: heartbeat, PTZ control, alarm, reset button, etc.

Specification

Model	DS-2CD883F-E(W)
Parameter	5 Megapixel CMOS ICR Network Box Camera
Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.6 Lux @ (F1.2, AGC ON) B/W: 0.08 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	DNR
Compression Standard	
Video	H.264/MPEG4/MJPEG

Compression	
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	2560 × 1920
Frame Rate	50 Hz: 6.25 fps (2560 × 1920), 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1600 × 1200), 25 fps (1280 × 720) 60 Hz: 7.5 fps (2560 × 1920), 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1600 × 1200), 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
Wi-Fi Specification(Only for the products with Wi-Fi module built-in)	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n Draft
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transmit Output Power	11b: 17±1.5dBm @ 11Mbps 11g: 14±1.5dBm @ 54Mbps 11n: 12.5±1.5dBm
Receive Sensitivity	11b: -90dBm @ 11Mbps (Typical) 11g: -75dBm @ 54Mbps (Typical)

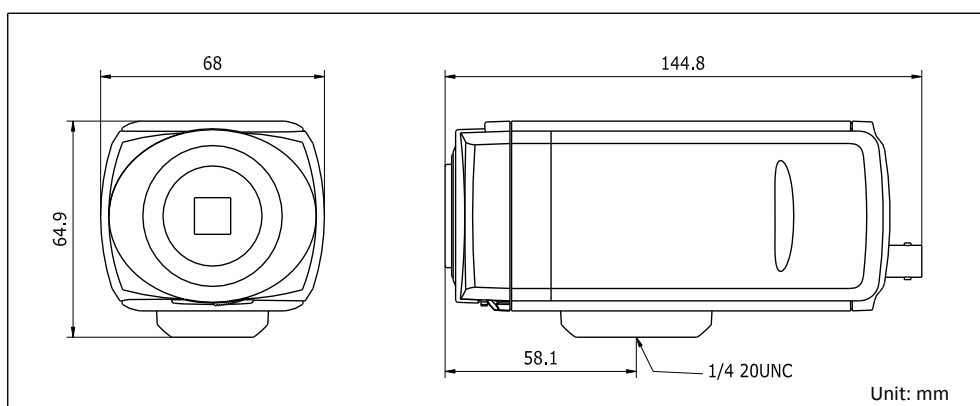
	11n: -74dBm (Typical)
Transfer Rates	11b: 11Mbps 11g: 54Mbps 11n: up to 150Mbps
Wireless Range	Outdoor: 200m, Indoor: 50m (depend on environment)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 5 W (Max. 8 W with IR cut filter on) -W: Max. 7 W (Max. 10 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)m

* "-W" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1x protocol.

Order Models

DS-2CD883F-E
DS-2CD883F-EW

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD8283F-EI(Z)(S) (Released)



Key Features

- Up to 5 megapixel (2560 x 1920) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Ingress Protection level: IP66

Specification

Model Parameter	DS-2CD8283F-EI(Z)(S)
	5 Megapixel CMOS Infrared Vari-focal Weather-proof Network Bullet Camera
Camera	
Image Sensor	1/2.5" Progressive CMOS
Min. Illumination	0.6 Lux @(F1.2,AGC ON) ,0 Lux with IR 1 Lux @(F1.6,AGC ON) ,0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	3.5 - 9 mm @ F1.6,Angle of view: 92 °36 °
	-Z: Motorized VF lens, 3.5 - 9 mm @ F1.6,Angle of view: 92 °36 °
Lens Mount	Φ14
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Dual Stream	Yes
Image	

Max. Resolution	2560×1920
Frame Rate	50Hz:6.25fps (2560×1920),12.5fps (2048×1536),25fps (1920 × 1080), 25fps (1600 × 1200),25fps (1280×720) 60Hz:7.5fps (2560×1920),15fps (2048×1536),30fps (1920 × 1080), 30fps (1600 × 1200),30fps (1280×720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
General	
Operating Conditions	-10 °C - 60 °C (14°F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)
Power Consumption	Max. 9.5 W -Z:Max. 12 W
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	98 × 88.6 × 328.8 mm (3.86" ×3.49" × 12.94")
Weight	1700 g (3.75 lbs)

*DS-2CD8283F-E, DS-2CD8283F-ES,DS-2CD8283F-EZ, DS-2CD8283F-EZS series without Infrared and IR cut filter functions

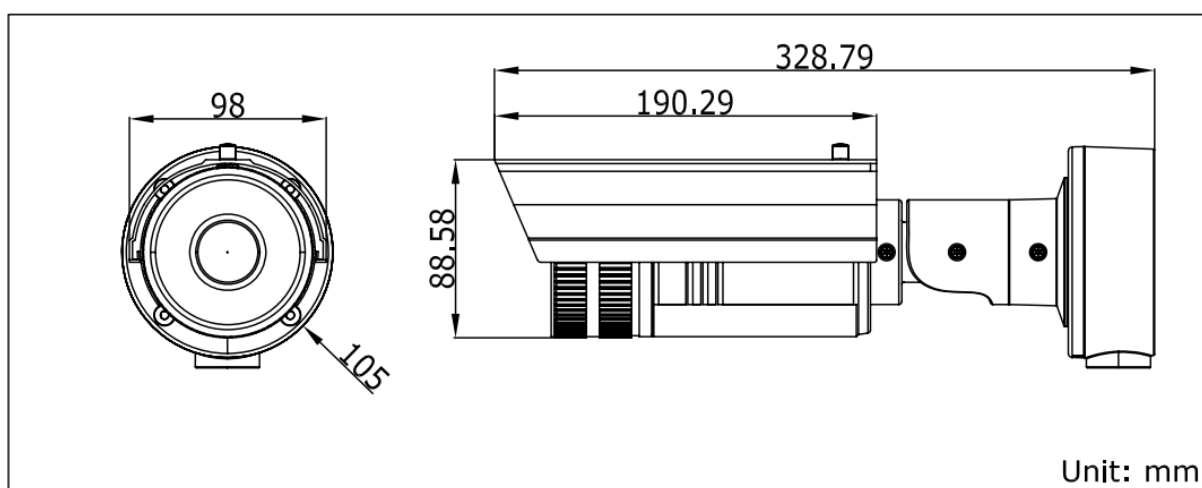
* "-S" series support 1-ch audio interface(Mic IN), 1-ch alarm interface and 1-ch RS-485 interface

* "-Z" is equipped with Motorized VF lens

Order Models

DS-2CD8283F-E, DS-2CD8283F-ES,DS-2CD8283F-EZ, DS-2CD8283F-EZS

DS-2CD8283F-EI, DS-2CD8283F-EIS, DS-2CD8283F-EIZ, DS-2CD8283F-EIZS

Dimensions

DS-2CD783F-E(I)(Z)(Released)



Key Features

- Up to 5 megapixel (2560 x 1920) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32 GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)
- Support analog video output for adjustment and installation
- Auto-iris, electronic shutter for different surveillance environments
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, etc.

Specification

Model	DS-2CD783F-E(I)(Z)
Parameter	5 Megapixel CMOS Vari-focal Network Dome Camera
Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	0.6 Lux @ (F1.2, AGC ON) 1 Lux @ (F1.6, AGC ON) -I: 0.6 Lux @ (F1.2, AGC ON), 0 Lux with IR 1 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Lens	4.5 – 10 mm @ F1.6, Angle of view: 81° - 33° -Z: Motorized VF lens, 3.5-9mm @ F1.6, Angle of view: 92°-36°
Lens Mount	Ø17.5

Auto-iris	DC drive
Angle Adjustment	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Digital Noise Reduction	DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	2560 × 1920
Frame Rate	50 Hz: 6.25 fps (2560 × 1920), 12.5 fps (2048 × 1536), 25 fps (1920 × 1080), 25 fps (1600 × 1200), 25 fps (1280 × 720) 60 Hz: 7.5 fps (2560 × 1920), 15 fps (2048 × 1536), 30 fps (1920 × 1080), 30 fps (1600 × 1200), 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet port and 1 RS-485 interface
Alarm Input	2
Alarm Output	2
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE (802.3af)

Power Consumption	5.5W~10.5W (IR: 2W, Motorized VF lens: 3W)
Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10
IR Range	-I: Approx. 10 to 20 meters
Dimensions	Φ 140 × 114 mm (Φ 5.51" × 4.49")
Weight	1400 g (3.09 lbs)

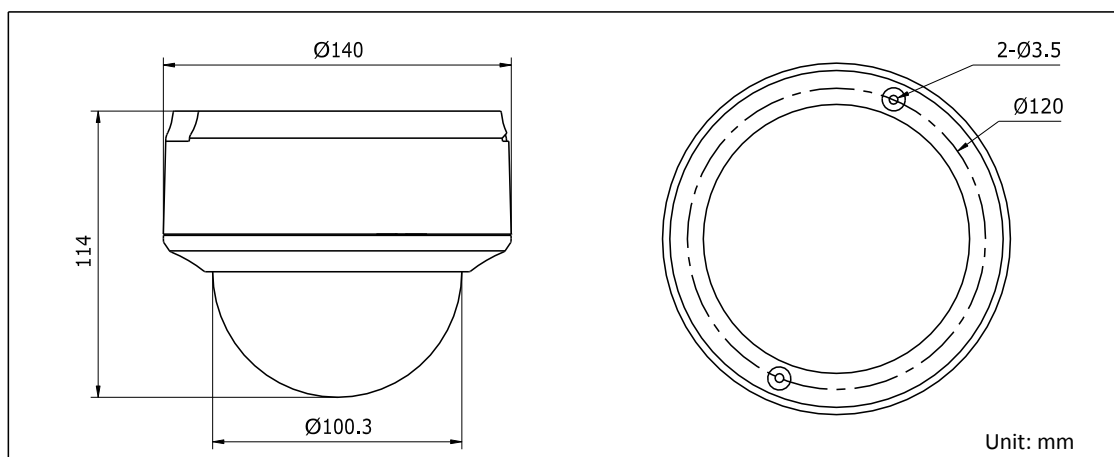
* "-Z" is equipped with Motorized VF lens

Order Models

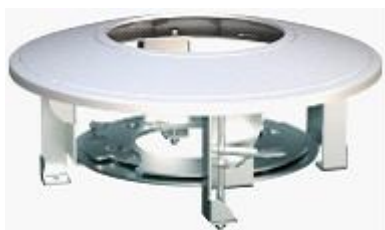
DS-2CD783F-E, DS-2CD783F-EI

DS-2CD783F-EZ, DS-2CD783F-EIZ

Dimensions



Accessories



Indoor in-ceiling mount
DS-1227ZJ



Vandal-proof wall mount
DS-1229ZJ

DS-2CD7283F-E(I)Z(H)(S)

(Sample: Q3 2012, Release: Q3 2012)



Key Features

- Up to 5 megapixel (2560 x 1920) resolution, real time video at FULL HD 1080p
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- Motorized VF lens
- Two-way audio
- PoE (Power over Ethernet)
- Support analog video output for adjustment and installation
- Auto-iris, electronic shutter for different surveillance environments
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and position
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK10
- Other functions: heartbeat, PTZ control, alarm, reset button, etc.

Specification

Model	DS-2CD7283F-E(I)Z(H)(S)
Parameter	5 Megapixel CMOS Weather-proof Vandal-Proof Network Dome Camera
Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	0.6 Lux @(F1.2,AGC ON)
	1 Lux @(F1.6,AGC ON)
	-I:
	0.6 Lux @(F1.2,AGC ON) ,0 Lux with IR
	1 Lux @(F1.6,AGC ON) ,0 Lux with IR
Shutter Speed	1/25 s to 1/100,000 s

Lens	3.5 – 9 mm @ F1.6
	Angle of view: 92° - 36°
Lens Mount	Φ14
Auto-iris	DC drive
Angle Adjustment	Pan: 0 - 355°, Tilt: 0 - 80°, Rotation: 0 - 355°
Day & Night	Electronic (-I: IR cut filter with auto switch)
Digital Noise Reduction	DNR
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	-S: G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	2560 × 1920
Frame Rate	50Hz:6.25fps (2560×1920),12.5fps (2048×1536),25fps (1920 × 1080),25fps (1600 × 1200) ,25fps (1280×720) 60Hz:7.5fps (2560×1920),15fps (2048×1536),30fps (1920 × 1080), 30fps (1600 × 1200),30fps (1280×720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Network	
Network Storage	NAS (iSCSI optional)
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP,UPnP, ICMP,IGMP,SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)
Security	User Authentication, Watermark
Interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface
Video Output	1Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in Micro SD slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing) -H: -40 °C – 60 °C (-40 °F – 140 °F) with heater and fan on
Power Supply	24 V AC ± 10% PoE (802.3af) -H: 24 V AC ± 10% High PoE (802.3at)

Power Consumption	Max. 9 W -I: Max. 12W -H: Max. 24W with heater on
Impact Protection	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress Protection level	IP66
IR Range	Approx. 20 to 30 meters
Dimensions	Φ 159.8 × 146 mm (Φ 6.29" × 5.75")
Weight	2100 g (4.62 lbs)

* "-S" series support 1-ch audio interface, 2-ch alarm interface and 1-ch RS-485 interface

* "-H" series is equipped with heater

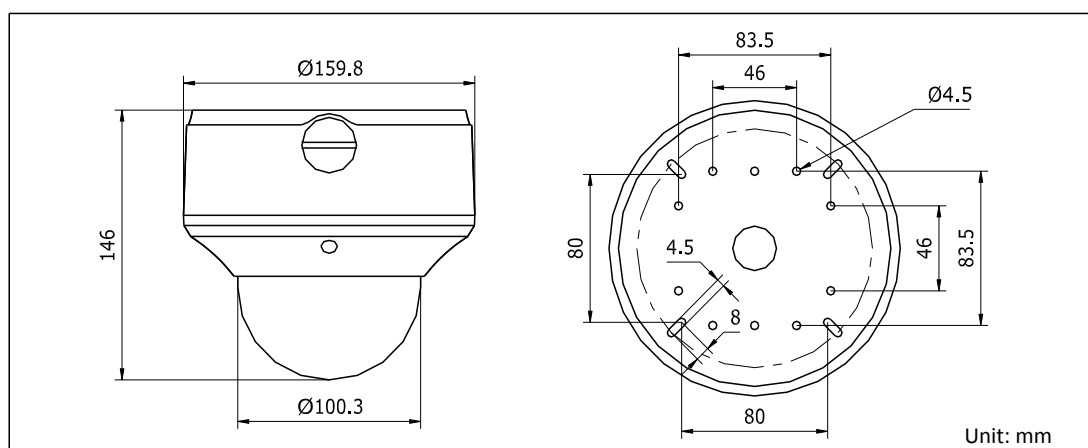
* "-Z" is equipped with Motorized VF lens

Order Models

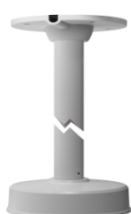
DS-2CD7283F-EZ, DS-2CD7283F-EIZ, DS-2CD7283F-EZH, DS-2CD7283F-EZHS

DS-2CD7283F-EZS, DS-2CD7283F-EIZH, DS-2CD7283F-EIZS, DS-2CD7283F-EIZHS

Dimensions



Accessories



Lifting Mount
DS-1248ZJ



Wall Mount
DS-1217ZJ

Intelligence Network Camera

iDS-2CD864FWD-E/B

(Sample available ,Release: Q2 2012)



Key Features

- Up to 1280 x 960 resolution, real time video at 1280 x 960
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Intelligent behavior analysis function
- 120 dB Wide Dynamic Range, suitable for strong backlight environment
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

Model	iDS-2CD864FWD-E/B
Parameter	130 Megapixel CMOS WDR ICR Intelligent Network Box Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON) B/W: 0.001 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch

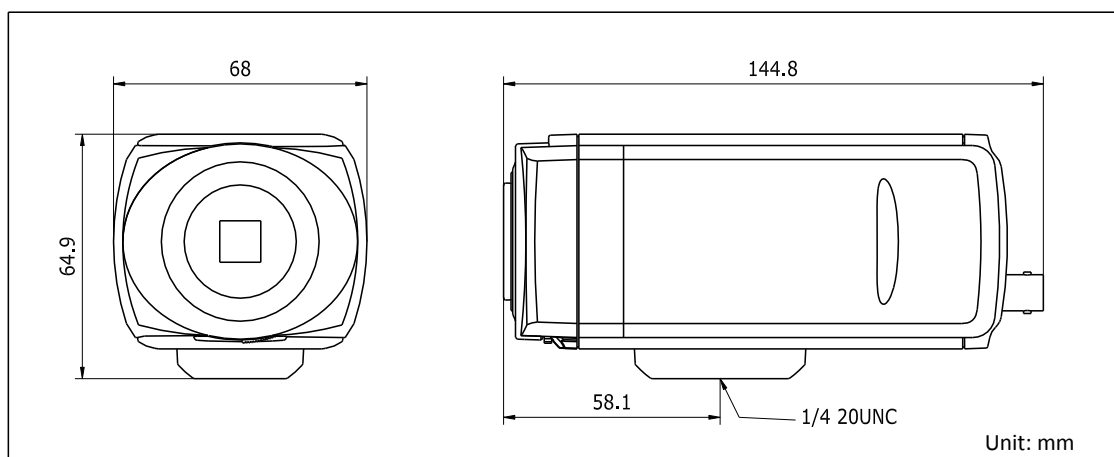
Wide Dynamic Range	120dB
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 x 960
Frame Rate	50 Hz: 25 fps (1280 × 960), 25 fps (1280 × 720) 60 Hz: 30 fps (1280 × 960), 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Intelligent	
Intelligent Analysis	Cross Armed Surface, Area enter, Area exit, Area Incursion, Wander, Object removal, Object left, Parking, Rapid motion, People gathering
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Network	
Network Storage	NAS (iSCSI optional)
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet interface, 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C - 60 °C(14°F - 140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE(802.3af)
Power Consumption	Max. 7.5 W (Max. 10.5 W with IR cut filter on)

Dimensions	68 × 64.9 × 144.8 mm (2.67" × 2.24" × 5.70")
Weight	500 g (1.10 lbs)

Order Models

iDS-2CD864FWD-E/B

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

iDS-2CD864FWD-E/F

(Sample available, Release: Q2 2012)



Key Features

- Up to 1280 x 720 resolution, real time video at 1280 x 720
- Standard video compression with high compression ratio
- Progressive scan CMOS, capture motion video without incised margin
- Intelligent Face capture function
- 120 dB Wide Dynamic Range, suitable for strong backlight environment
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

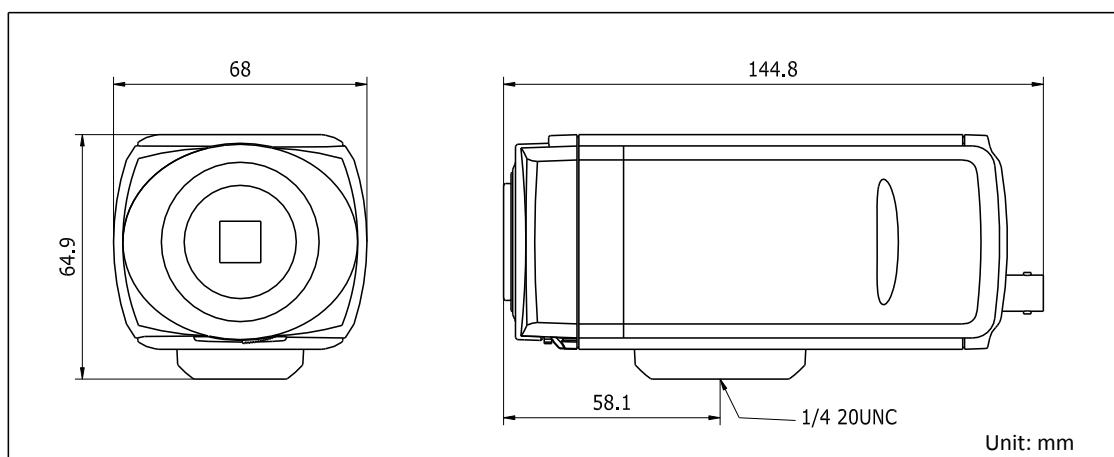
Model	iDS-2CD864FWD-E/F
Parameter	130 Megapixel CMOS WDR ICR Intelligent Network Box Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON) B/W: 0.001 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Wide Dynamic Range	120dB
Compression Standard	
Video Compression	H.264/MPEG4/MJPEG

Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726
Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	1280 x 720
Frame Rate	50 Hz: 25 fps (1280 × 720) 60 Hz: 30 fps (1280 × 720)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Intelligent	
Intelligent Analysis	Face capture
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Network	
Network Storage	NAS (iSCSI optional)
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet interface, 1 RS-485 interface
Alarm Input	1
Alarm Output	1
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C - 60 °C (14°F - 140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE(802.3af)
Power Consumption	Max. 7.5 W (Max. 10.5 W with IR cut filter on) -W: Max. 9 W (Max. 12W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.67" × 2.24" × 5.70")
Weight	500 g (1.10 lbs)

Order Models

iDS-2CD864FWD-E/F

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

iDS-2CD893PF(NF)-E(Released)



Key Features

- Real-time video at 4 CIF
- Standard video compression with high compression ratio
- Intelligent behavior analysis function
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32GB SD/SDHC card for on-board storage
- IR cut filter with auto switch
- Two-way audio
- PoE (Power over Ethernet)
- Auto-iris, electronic shutter for different surveillance environments
- Support analog video output for adjustment and installation
- Other functions: heartbeat, PTZ control, alarm, reset button, mirror, etc.

Specification

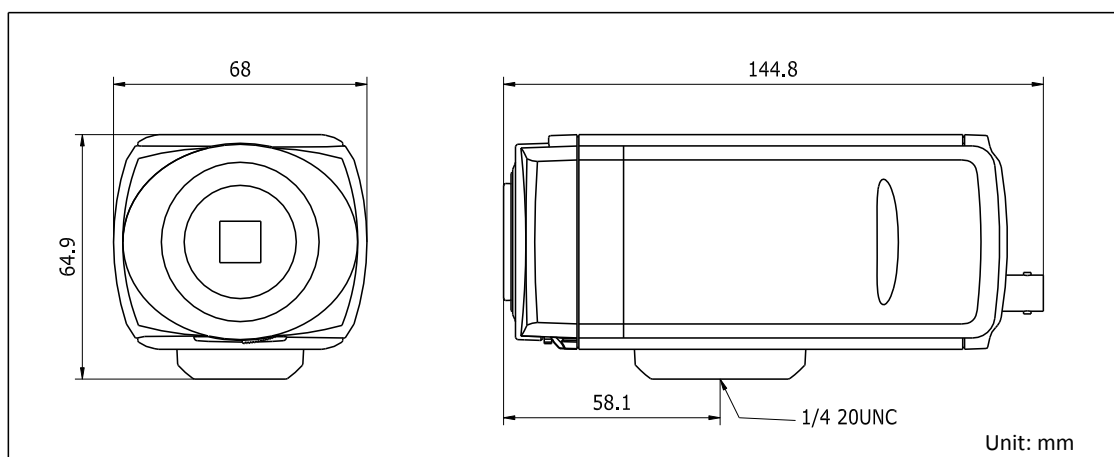
Model	iDS-2CD893P/NF-E
Parameter	4 CIF CCD ICR Intelligent Network Box Camera
Camera	
Image Sensor	1/3" SONY CCD
Signal System	PAL/NTSC
Min. Illumination	Color: 0.02 Lux @ (F1.2, AGC ON) B/W: 0.002 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 (1/30) s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264 / MPEG4 / MJPEG
Video Bit Rate	32 Kbps – 8 Mbps
Audio Compression	G.711/G.726

Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.726)
Dual Stream	Yes
Image	
Max. Resolution	PAL: 704 × 576 NTSC: 704 × 480
Frame Rate	PAL: 25 fps (704 × 576) NTSC: 30 fps (704 × 480)
Image Settings	Saturation, Brightness, Contrast adjustable by client software or web browser
Intelligent	
Intelligent Analysis	Cross Armed Surface, Area enter, Area exit, Area Incursion, Wander, Object removal, Object left, Parking, Rapid motion, People gathering
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Network	
Network Storage	NAS (iSCSI optional)
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP, IGMP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP, SRTP, IPv6 optional)
Security	User Authentication, Watermark
Standard	ONVIF, PSIA, CGI
Interface	
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)
Communication Interface	1 RJ45 10M/100M Ethernet interface, 1 RS-485 interface
Alarm Input	1
Alarm Output	1
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in SD/SDHC slot, up to 32 GB
Reset Button	Yes
General	
Operating Conditions	-10 °C - 60 °C(14°F - 140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10% PoE(802.3af)
Power Consumption	Max. 8W (Max. 11W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.67" × 2.24" × 5.70")
Weight	500 g (1.10 lbs)

Order Models

iDS-2CD893PF-E, iDS-2CD893NF-E

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

Thermal Network Camera

DS-2CD8313PF-E (Sample available)



Key Features

- Advanced passive Infrared thermal technology, up to 384 x 288 resolution
- Standard H.264/MJPEG video compression with high compression ratio
- Real-time network monitoring by Third party software
- Support dual stream, and the sub-stream for mobile surveillance
- Up to 32GB SD/SDHC card for on-board storage
- Two-way audio
- PoE (Power over Ethernet)

Specification

Model Parameter	DS-2CD8313PF-E					
	384 x 288 Thermal Network Camera					
Camera						
Image Sensor	Polysilicon Uncooled Focal Plane Dtectors					
Max. Resolution	384 × 288					
Pixel element Size	25 μ m					
Response Waveband	8~14 μ m					
NETD	NETD < 100mk(@25°C, F#=1.0)					
MRTD	MRTD < 600mk(@25°C, F#=1.0)					
Focus	Manual / Automatic					
Lens	8 mm	25 mm	40 mm	75 mm	100 mm	150 mm
Detection Range (Vehicle)	780 m	2300 m	3600 m	6900 m	9000 m	13500 m
Detection Range (Human)	400 m	1200 m	1900 m	3600 m	4800 m	7200 m
Identification	260 m	750 m	120 m	2300 m	3000 m	4500 m

Range (Vehicle)						
Identification Range (Human)	150 m	400 m	640 m	1200 m	1600 m	2400 m
Viewing Angle	62 °x49 °	21.7° x 16.4°	13° x 10.3°	7.3° x 5.5°	5.5° x 4.12°	5.5° x 4.12°
F	0.85	1	1	1	1.1	1
Compression Standard						
Video Compression	H.264 / MPEG4 / MJPEG					
Video Bit Rate	32 Kbps – 8 Mbps					
Audio Compression	G.711					
Dual Stream	Yes					
Image						
Frame Rate	25 fps (384 × 288)					
Image Settings	Brightness, Contrast adjustable by client software or web browser					
Color	Black hot / white hot / pseudo-color					
Network						
Network Storage	NAS (iSCSI optional)					
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception					
Intelligent Analysis	Cross Armed Surface, Enter Area, Leave Area, Area Incursion, Wander, Item Removed or Left, Parking, Fast Movement, Personnel Gather					
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP,RTSP, PPPoE, SMTP, NTP (SNMP, HTTPS, SIP, FTP, SRTP, 802.1x, IPv6 optional)					
Security	User Authentication, Watermark					
Standard	ONVIF, PSIA, CGI					
Interface						
Audio Input	1-ch 3.5 mm audio interface, MIC IN/Line IN					
Audio Output	1-ch 3.5 mm audio interface (Line level, 600 Ω)					
Communication Interface	1 RJ45 10M/100M Ethernet interface, 1 RS-485 interface					
Alarm Input	1					
Alarm Output	1					
Video Output	1Vp-p composite output (75 Ω/BNC)					
On-board storage	Built-in SD/SDHC slot, up to 32 GB					
Reset Button	Yes					
General						
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)					
Power Supply	12 V DC ± 10% PoE(802.3af)					
Power Consumption	Max. 9 W					

Weight	1100 g (2.43 lbs)
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Order Models

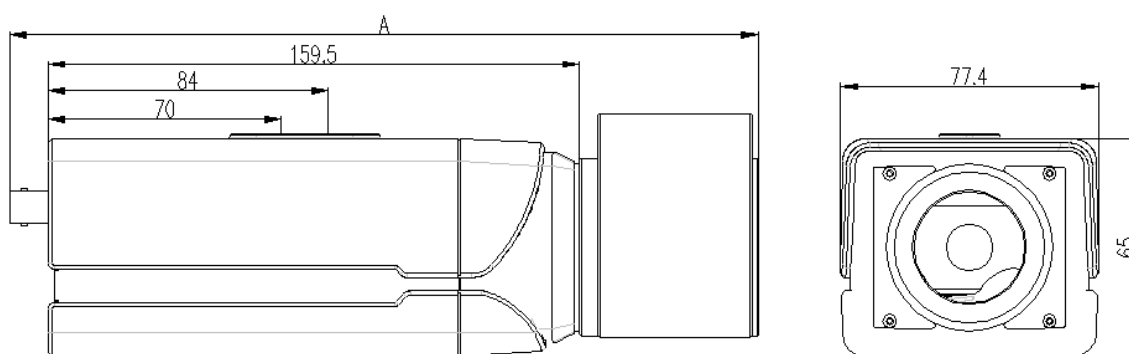
DS-2CD8313PF-E8,DS-2CD8313PF-E25

DS-2CD8313PF-E40,DS-2CD8313PF-E75

DS-2CD8313PF-E100,DS-2CD8313PF-E150

* The number at the end is model's focus (8, 25, 40, 75,100,150mm optional).

Dimensions



Unit: mm

Lens	8mm	25mm	40mm	75mm	100 mm	150 mm
A	211	225.5	226	259	276	339

Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Outdoor camera housing
DS-1315HZ



Outdoor camera housing
DS-1395HZ

DS-2CD8314PF-E (Sample available)



Key Features

- Dual-camera synchronous monitoring
- 7 x 24-hour continuous monitoring
- Highly accurate thermal imaging detection at up to 384 x 288 resolution
- Standard H.264/MJPEG video compression with high compression ratio
- Real-time network monitoring by 3rd party software
- High-definition surveillance under visible light at up to 1280 x 960 resolution
- real-time temperature detection in full screen
- High-speed 360° PTZ movement

Specification

Model	DS-2CD8314PF-E	
Parameter	Double-window Temperature-detection Thermal Network Camera	
Camera		
Image Sensor	Polysilicon Uncooled Focal Plane Detectors	1/3" Progressive Scan CCD
Lens	40mm	4.7-84.6 mm
Iris	F0.85	F1.6-F2.8
Focus	Manual / Automatic	
Temperature-detection		
Temperature Resolution (NETD)	Max. 80 mK (0.08 °C)	
Identification Range (Human)	700 m	
Temperature-detection Range	-20 °C - 200 °C (-4 °F– 392 °F) / 150 °C - 500 °C (302 °F– 932 °F)	
Temperature Accuracy	± 2 °C or ± 2 %	
Temperature-dete	Single-point / multi-point / area / full-screen	

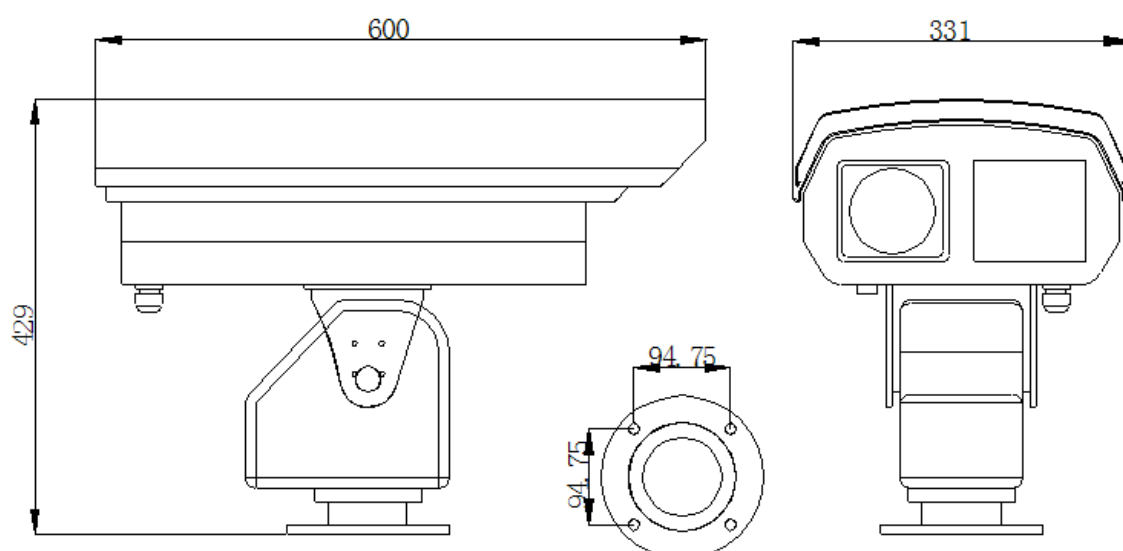
ction Method		
Special Function	Pre-warning for high / low temperature, alarm for temperature rise, alarm for district temperature difference, correction for temperature difference	
Compression Standard		
Video Compression	H.264 / MPEG4 / MJPEG	
Video Bit Rate	32 Kbps -16 Mbps	
Audio Compression	G.711	
Dual Stream	Yes	
Image		
Max. Resolution	384 × 288	1280 × 960
Frame Rate	25 fps (384 × 288)	12.5 fps (1280 × 960) 25 fps (1280 × 720)
Color	Black hot / white hot / pseudo-color	Color
Network		
Network Storage	NAS (iSCSI optional)	
Alarm Trigger	Motion detection, network disconnected, IP address conflicts, disk full, disk error	
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP,RTSP, PPPoE, SMTP, NTP (SNMP, HTTPS, SIP, FTP, SRTP, 802.1x, IPv6 optional)	
Security	User Authentication, Watermark, Anti-flicker	
PTZ		
Pan Range	360° endless	
Pan Speed	9°/s	
Tilt Range	+10° ~ -60°	
Tilt Speed	4°/s	
Built-in Pan/Tilt Receiver	Yes	
Preset	80	
Communication Protocal	Pelco D, Pelco P,DALI	
Max. Load	17 kg	
Weight of Pan/Tilt Unit	9.5 kg	
Power Supply	24 VAC	
Serial Port	RS-485	
Interface		
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet interface	

Video Output	1.0 Vp-p composite output (75 Ω/BNC)
Reset Button	Yes
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 VAC(two power supply)
Power Consumption	Max. 150 W
Dimensions	600 × 429 × 331 mm (23.62" ×16.89" ×13.03")
Weight	15 kg (33.07lbs)

Order Models

DS-2CD8314PF-E

Dimensions



DS-2CD8317PF-E (Sample available)



Key Features

- Dual-camera synchronous monitoring
- 7 x 24-hour continuous monitoring
- Highly accurate thermal imaging detection at up to 384 x 288 resolution
- Standard H.264/MJPEG video compression with high compression ratio
- Real-time network monitoring by 3rd party software
- High-definition surveillance under visible light at up to 1280 x 960 resolution
- real-time temperature detection in full screen
- High-speed 360° PTZ movement

Specification

Model	DS-2CD8317PF-E
Parameter	Double-window Temperature-detection Thermal Network Camera
Camera	
Image Sensor	1/3" Progressive Scan CCD
Lens	4.7-84.6 mm
Iris	F1.6-F2.8
Focus	Automatic
Frame Rate	12.5 fps (1280 × 960) 25 fps (1280 × 720)
Temperature-detection	
Image Sensor	Polysilicon Uncooled Focal Plane Detectors
Frame Rate	25 fps (384 × 288)
Focus	Electric
Response Waveband	8~14 μ m
Color	Black hot / white hot / pseudo-color
NETD	NETD < 100mk(@25°C, F#=1.0)

MRTD	MRTD < 600mk(@25°C, F#=1.0)				
Lens	25 mm	40 mm	75 mm	100 mm	150 mm
Detection Range (Vehicle)	2300 m	3600 m	6900 m	9000 m	13500 m
Detection Range (Human)	1200 m	1900 m	3600 m	4800 m	7200 m
Identification Range (Vehicle)	750 m	120 m	2300 m	3000 m	4500 m
Identification Range (Human)	400 m	640 m	1200 m	1600 m	2400 m
Viewing Angle	21.7° x 16.4°	13° x 10.3°	7.3° x 5.5°	5.5° x 4.12°	5.5° x 4.12°
F	1	1	1	1.1	1
Compression Standard					
Video Compression	H.264 / MJPEG				
Video Bit Rate	32 Kbps -16 Mbps				
Audio Compression	G.711				
Dual Stream	Yes				
Function					
Network Storage	NAS (iSCSI optional)				
Intelligent Analysis	Cross Armed Surface, Enter Area, Leave Area, Area Incursion, Wander, Item Removed or Left, Parking, Fast Movement, Personnel Gather				
Alarm Trigger	Motion detection, Tampering alarm, Network disconnect , IP address conflict, Storage exception				
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP,RTSP, PPPoE, SMTP, NTP (SNMP, HTTPS, SIP, FTP, SRTP, 802.1x, IPv6 optional)				
Security	User Authentication, Watermark, Anti-flicker				
Reset Button	YES				
PTZ					
structure	Die-cast aluminum housing, Stell and aluminum alloy Internal parts				
Speed	Pan: 9°/s, Tilt: 4°/s				
Range	Pan:360° endless, Tilt: +10° ~ -60°				
Built-in Decoder (for PTZ Receiver)	Yes				
Number of Preset	80				
Communication Protocal	Pelco D, Pelco P,DALI				
Max. Load	17 kg				
Weight of Pan/Tilt Unit	9.5 kg				
Power Supply	24 VAC				
Serial Port	RS-485				

Interface	
Communication Interface	1 RJ45 10M/100M sepIf-adaptive Ethernet interface
Video Output	1.0 Vp-p composite output (75 Ω/BNC)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	24 VAC(two power supply)
Power Consumption	Max. 150 W
Dimensions	600 × 429 × 331 mm (23.62" ×16.89" ×13.03")
Weight	15 kg (33.07lbs)

Order Models

DS-2CD8317PF-E25

DS-2CD8317PF-E40

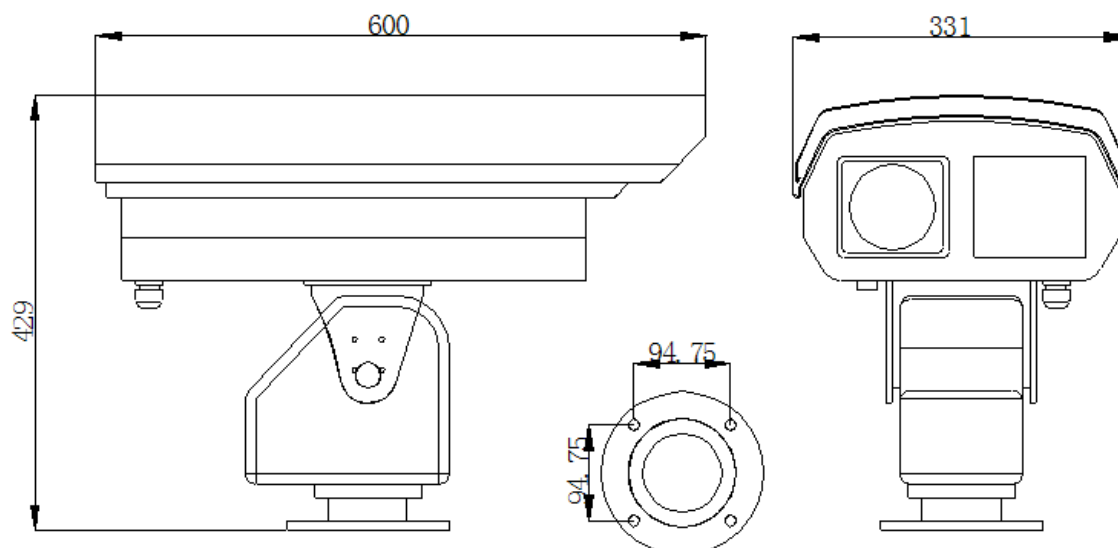
DS-2CD8317PF-E75

DS-2CD8317PF-E100

DS-2CD8317PF-E150

* The number at the end is model's focus (25, 40, 75, 100, 150mm optional).

Dimensions



High Definition Digital Camera

DS-2CD877MF-SDI

(Sample available)



Key Features

- Up to 2 megapixel (1920 x 1080) resolution
- Progressive scan CCD, capture motion video without incised margin
- SDI (serial digital interface)
- Support Auto-iris (DC drive)
- Advanced circuitry design with high picture quality, low distortion and low noise

Specification

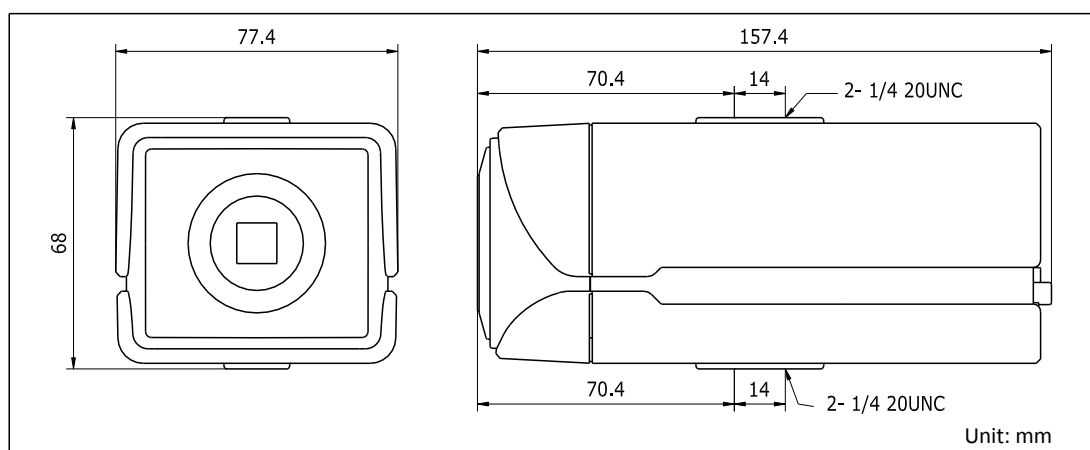
Model	DS-2CD877MF-SDI
Parameter	2 megapixel CCD High Definition Digital Box Camera
Camera	
Image Sensor	2/3" Progressive Scan CCD
Min. Illumination	0.2 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/30,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Image	
Max. Resolution	1920 x 1080
Frame Rate	25 fps (1920 x 1080)
Format	All standard 1080i 50/60, 1080p 25/30
Interface	
Communication Interface	1 RS-485 interface and 1 RS-232 interface
Alarm Input	4

Alarm Output	3
Video Output	1 HD-SDI interface
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	71.6×67.6×165mm (3.05" × 2.68" × 6.20")
Weight	1000 g (2.21 lbs)

Order Models

DS-2CD877MF-SDI

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD876MF-FCB (Released)



Key Features

- Up to 2 megapixel (1600 x 1200) resolution
- Sony progressive scan CCD, capture motion video without incised margin
- Transmit video signal by single-mode single fiber with the distance up to 20 km
- Optical fiber SC (snap-in connector) interface
- Support Auto-iris (DC drive)
- Advanced circuitry design with high picture quality, low distortion and low noise
 - Support anti-interference remote transmission with high bandwidth

Specification

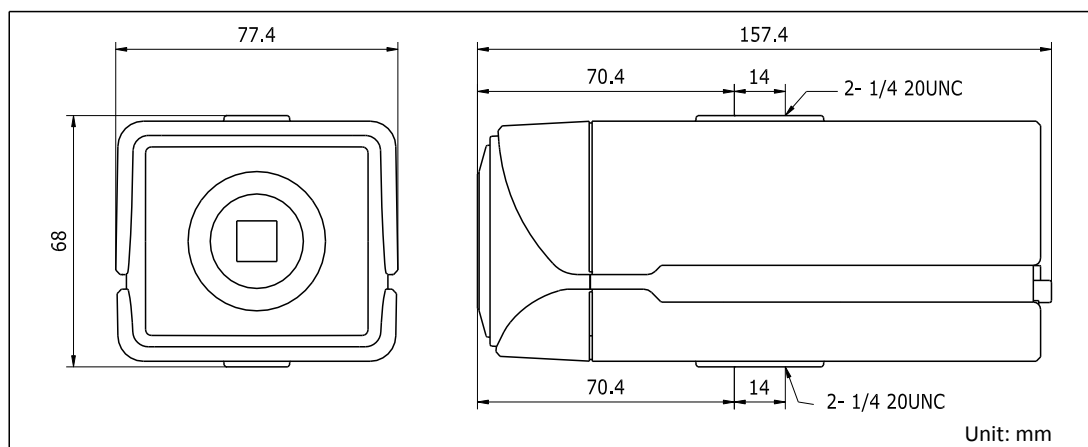
Model	DS-2CD876MF-FCB
Parameter	2 megapixel CCD High Definition Digital Box Camera
Camera	
Image Sensor	1/1.8" Sony Progressive Scan CCD
Min. Illumination	0.5 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/30,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Image	
Max. Resolution	1600 x 1200
Frame Rate	25 fps (1600 x 1200)
Optical Fiber	
Interface Type	1 SC
Fiber Type	Single-mode single fiber
Transmission Distance	10 km(20 km optical transceivers optional)
Interface	
Communication	1 RS-485 interface and 1 RS-232 interface

Alarm Input	4
Alarm Output	3
Video Output	1Vp-p composite output (75 Ω/BNC)
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	77.4 × 68 × 157.4 mm (3.05" × 2.68" × 6.20")
Weight	1000 g (2.21 lbs)

Order Models

DS-2CD876MF-FCB

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD876MF-SDI (Released)



Key Features

- Up to 2 megapixel (1920 x 1080) resolution
- Progressive scan CCD, capture motion video without incised margin
- SDI (serial digital interface)
- Support Auto-iris (DC drive)
- Advanced circuitry design with high picture quality, low distortion and low noise

Specification

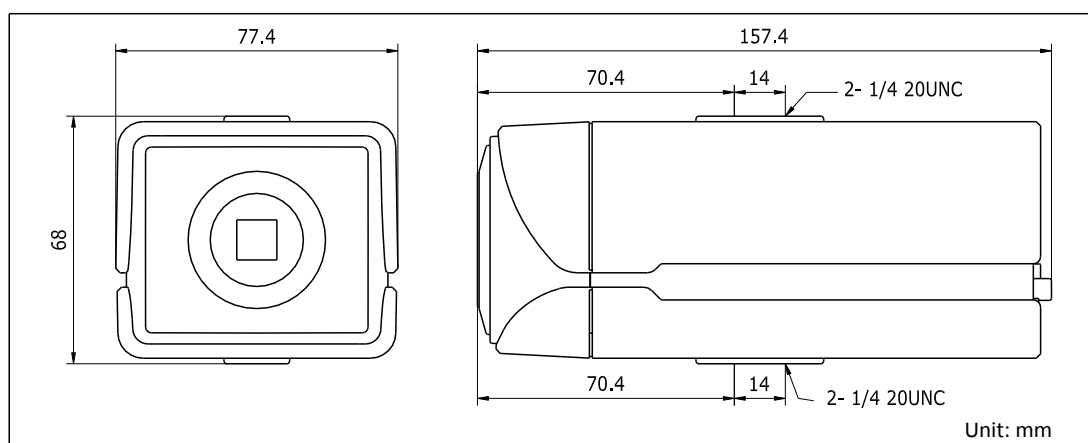
Model	DS-2CD876MF-SDI
Parameter	2 megapixel CCD High Definition Digital Box Camera
Camera	
Image Sensor	1/1.8" Sony Progressive Scan CCD
Min. Illumination	0.5 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/30,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Image	
Max. Resolution	1920 x 1080
Frame Rate	25 fps (1920 x 1080)
Format	All standard 1080p 25/30
Interface	
Communication Interface	1 RS-485 interface and 1 RS-232 interface
Alarm Input	4
Alarm Output	3
Video Output	1 HD-SDI interface
General	
Operating	-10 °C – 60 °C (14 °F – 140 °F)

Conditions	Humidity 90% or less (non-condensing)
Power Supply	12 V DC $\pm$ 10%
Power Consumption	Max. 10 W
Dimensions	77.4 $\times$ 68 $\times$ 157.4 mm (3.05" $\times$ 2.68" $\times$ 6.20")
Weight	1000 g (2.21 lbs)

Order Models

DS-2CD876MF-SDI

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD855F-SDI(Sample available)



Key Features

- Up to 2 megapixel (1920 x 1080) resolution, real time video at FULL HD 1080p
- Progressive scan CMOS, capture motion video without incised margin
- Support 3D DNR (Digital Noise Reduction)
- IR cut filter with auto switch
- Low Illumination
- Support Auto-iris (DC drive)
- SDI (serial digital interface)
- Advanced circuitry design with high picture quality, low distortion and low noise

Specification

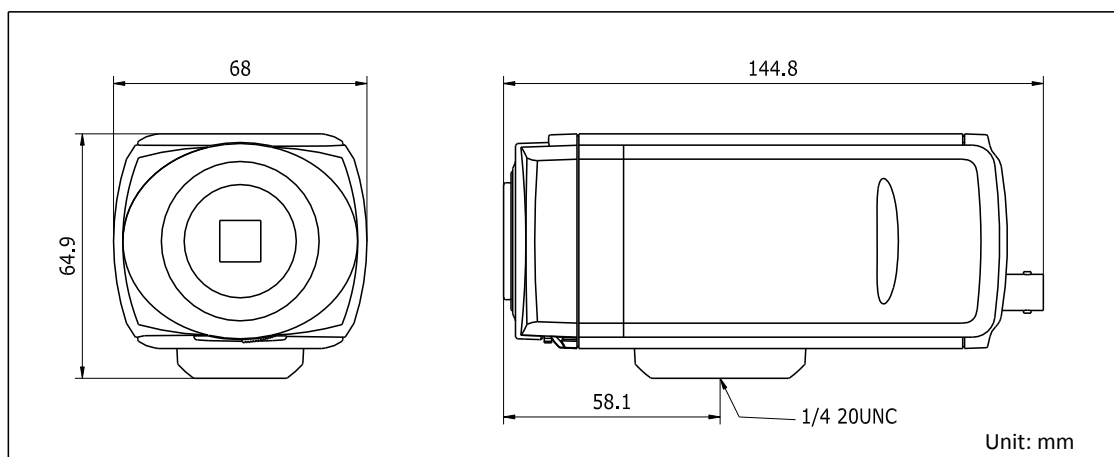
Model	DS-2CD855F-SDI
Parameter	2 megapixel CMOS High Definition Digital Box Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.05 Lux @ (F1.2, AGC ON) B/W: 0.005 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Image	
Max. Resolution	1920 × 1080
Frame Rate	50Hz:25fps (1920 × 1080), 25fps(1280 × 720) 60Hz:30fps (1920 × 1080), 30fps(1280 × 720)
Format	All standard 720p 50/60,1080i 50/60,1080p 25/30
Interface	
Alarm Input	1
Alarm Output	1

Video Output	1 HD-SDI interface
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 6.5 W (Max. 9.5 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

Order Models

DS-2CD855F-SDI

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

DS-2CD855F-FCB(Sample available)



Key Features

- Up to 2 megapixel (1920 x 1080) resolution, real time video at FULL HD 1080p
- Progressive scan CMOS, capture motion video without incised margin
- Support 3D DNR (Digital Noise Reduction)
- IR cut filter with auto switch
- Transmit video signal by single-mode single fiber with the distance up to 20 km
- Low Illumination
- Optical fiber SC (snap-in connector) interface
- Support Auto-iris (DC drive)
- Support anti-interference remote transmission with high bandwidth
- Advanced circuitry design with high picture quality, low distortion and low noise

Specification

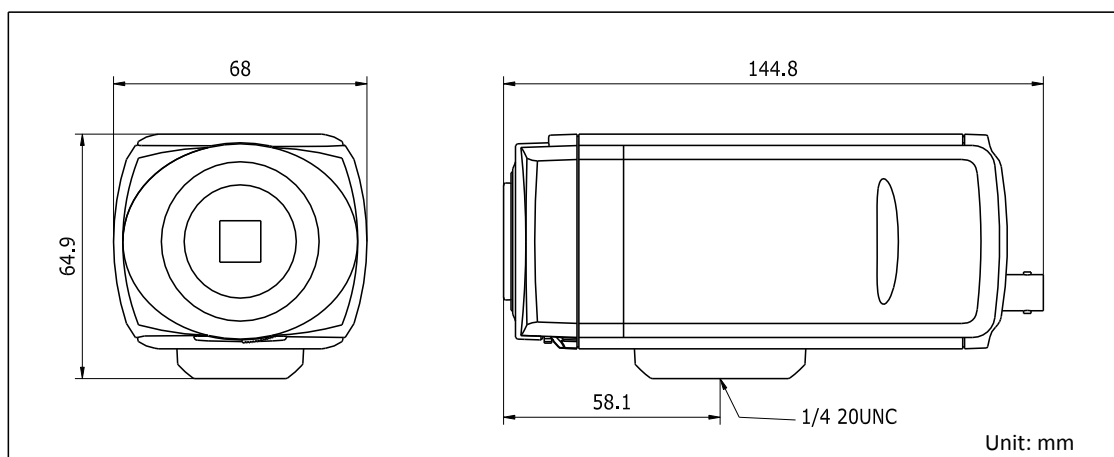
Model	DS-2CD855F-FCB
Parameter	2 megapixel CMOS High Definition Digital Box Camera
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.05 Lux @ (F1.2, AGC ON) B/W: 0.005 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens Mount	C/CS mount
Auto-iris	DC drive
Day & Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Image	
Max. Resolution	1920 × 1080
Frame Rate	50Hz:25fps (1920 × 1080), 25fps(1280 × 720) 60Hz:30fps (1920 × 1080), 30fps(1280 × 720)
Format	All standard 720p 50/60,1080i 50/60,1080p 25/30

Optical Fiber	
Interface Type	1 SC
Fiber Type	Single-mode single fiber
Transmission Distance	10 km(20 km optical transceivers optional)
interface	
Alarm Input	1
Alarm Output	1
General	
Operating Conditions	-10 °C – 60 °C (14 °F – 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 6.5 W (Max. 9.5 W with IR cut filter on)
Dimensions	68 × 64.9 × 144.8 mm (2.68" × 2.56" × 5.70")
Weight	500 g (1.10 lbs)

Order Models

DS-2CD855F-FCB

Dimensions



Accessories



Indoor wall mount
DS-1212ZJ



Indoor/Outdoor Wall Mount
DS-1213ZJ



Indoor/Outdoor camera housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)



Indoor camera housing
DS-1320HZ

Intelligent Traffic Camera

DS-2CD986A(-S)(Released)



Key Features

- Up to 5 megapixel (2448 x 2048) resolution
- Standard video compression with high compression ratio
- Progressive scan CCD
- Support both encoding and snapshot
- JPEG snapshot, up to 2448 × 2048 image resolution
- Support vehicle license plate recognition and continuous snapshots
- Power Synchronization
- Support flashlight synchronization: up to 3 channels flashlight output synchronously
- Support to input traffic light signals with different trigger modes for red light and green light
- Support snapshot triggered by external signal, network signal, RS-485 signal
- RS-485 function used for information acquisition
- Adjustable parameters: exposure speed, AGC (auto gain control) mode, WB (white balance) mode
- Local video output facilitates for debugging

Specification

Model	DS-2CD986A(-S)
Parameter	5 Megapixel CCD Intelligent Traffic Network Camera
Camera	
Image Sensor	2/3" Progressive Scan CCD
Min. Illumination	0.3 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/30,000 s
Lens Mount	C / CS mount
Auto-iris	DC Drive
Compression Standard	
Video Compression	H.264

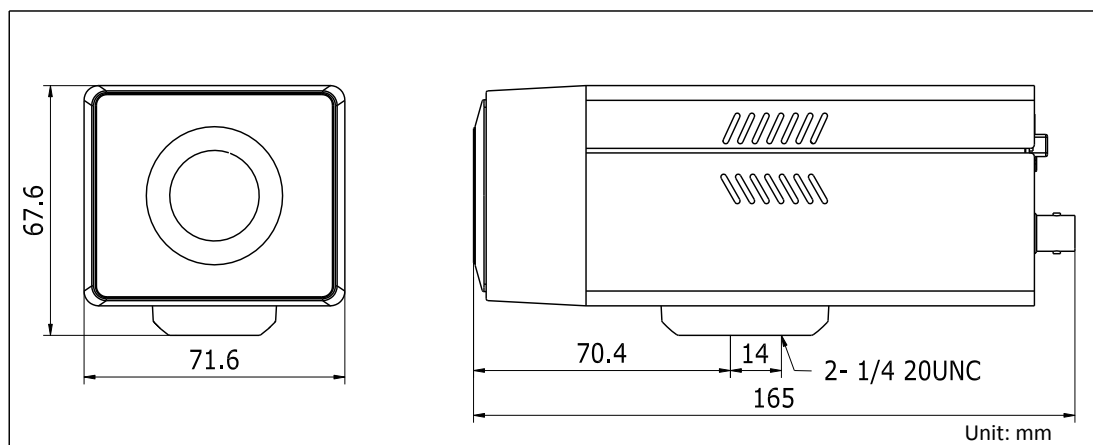
Video Bit Rate	32 Kbps-16Mbps
Image	
Image Format	JPEG
Max. Resolution	2448×2048
Frame Rate	8.3fps (2448×2048)
Image Settings	Saturation, Brightness, Contrast, WB, AGC adjustable through client software
Network	
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, FTP
Security	Password Protection
Dedicated Functions	External I/O Trigger, Network Trigger, RS-485 Trigger, Traffic Light Signals Input, JPEG snapshot function, Flashlight Synchronization, Power Synchronization
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface, 1 RS-485 interface
Trigger Input	4 (External Trigger Signal)
Trigger Output	3(Light Coupling Isolation 3500V AC, Flashlight Synchronization Output Control)
Video Output	1Vp-p Composite Output (75Ω/BNC)
On-board storage	Built-in SD/SDHC Slot, Up To 32GB
General	
Operating Condition	-10°C–60°C (14°F–140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	71.6×67.6×165mm
Weight	750g

Order Models

DS-2CD986A (Discrete signal output)

DS-2CD986A-S (5 Voltage signal output)

Dimensions



Accessories



Outdoor Wall Mount
DS-1213ZJ



Outdoor Housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)

DS-2CD986B(Customization)



Key Features

- Up to 5 megapixel (2448 x 2048) resolution
- Standard video compression with high compression ratio
- Progressive scan CCD
- Support both encoding and snapshot
- JPEG snapshot, up to 2448 × 2048 image resolution
- Support vehicle license plate recognition and continuous snapshots
- Power Synchronization
- Support flashlight synchronization: up to 3 channels flashlight output synchronously
- Support to input traffic light signals with different trigger modes for red light and green light
- Support snapshot triggered by external signal, network signal, RS-485 signal
- RS-485 function used for information acquisition
- Adjustable parameters: exposure speed, AGC (auto gain control) mode, WB (white balance) mode, etc.
- Local video output facilitates for debugging

Specification

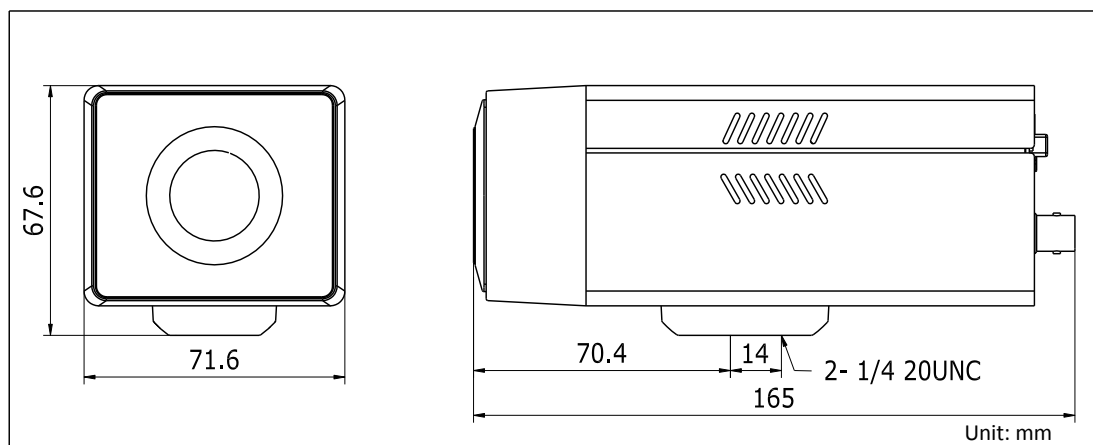
Model	DS-2CD986B
Parameter	5 Megapixel CCD Intelligent Traffic Network Camera
Camera	
Image Sensor	2/3" Progressive Scan CCD
Min. Illumination	Color: 0.3 Lux @ (F1.2, AGC ON) B/W: 0.03 Lux @ (F1.2, AGC ON)
Shutter Speed	1/12 s to 1/30,000 s
Lens Mount	C / CS mount
Auto-iris	DC Drive
Day & Night	IR cut filter with auto switch
Compression Standard	
Video Compression	H.264
Video Bit Rate	32 Kbps-16Mbps

Image	
Image Format	JPEG
Max. Resolution	2448×2048
Frame Rate	12.5fps (2448×2048)
Image Settings	Saturation, Brightness, Contrast, WB, AGC adjustable through client software
Network	
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, FTP
Security	Password Protection
Dedicated Functions	External I/O Trigger, Network Trigger, RS-485 Trigger, Traffic Light Signals Input, JPEG snapshot function, Flashlight Synchronization, Power Synchronization
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface, 1 RS-485 interface
Trigger Input	4 (External Trigger Signal)
Trigger Output	3(Light Coupling Isolation 3500V AC, Flashlight Synchronization Output Control)
Video Output	1Vp-p Composite Output (75Ω/BNC)
On-board storage	Built-in SD/SDHC Slot, Up To 32GB
General	
Operating Condition	-10°C–60°C (14°F–140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	71.6×67.6×165mm
Weight	750g

Order Models

DS-2CD986B

Dimensions



Accessories



Outdoor Wall Mount
DS-1213ZJ



Outdoor Housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)

DS-2CD986C (Released)



Key Features

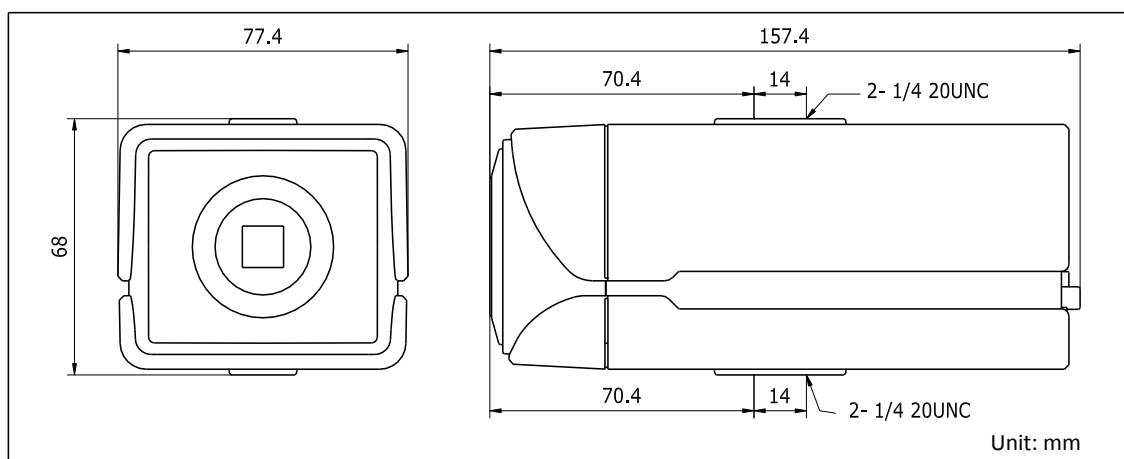
- Up to 5 megapixel (2560x1920) resolution
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support both encoding and snapshot
- JPEG snapshot, up to 2560x1920 image resolution
- Support vehicle license plate recognition and continuous snapshots
- Support flashlight synchronization: up to 3 channels flashlight output synchronously
- Support to input traffic light signals with different trigger modes for red light and green light
- Support snapshot triggered by external signal, network signal, RS-485 signal
- RS-485 function used for information acquisition
- Adjustable parameters: exposure speed, AGC (auto gain control) mode, WB (white balance) mode, etc.
- Local video output facilitates for debugging

Specification

Model	DS-2CD986C
Parameter	5 Megapixel CMOS Intelligent Traffic Network Camera
Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	0.6Lux @(F1.2,AGC ON)
Shutter Speed	1/25s to 1/25,000s
Lens Mount	C / CS mount
Auto-iris	DC Drive
Compression Standard	
Video Compression	H.264
Video Bit Rate	32 Kbps-16Mbps
Image	
Image Format	JPEG
Max. Resolution	2560×1920
Frame Rate	12.5fps (2560×1920)

Image Settings	Saturation, Brightness, Contrast, WB, AGC adjustable through client software
Network	
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, FTP
Security	Password Protection
Dedicated Functions	External I/O Trigger, Network Trigger, RS-485 Trigger, Traffic Light Signals Input, JPEG snapshot function
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface, 1 RS-485 interface
Trigger Input	4 (External Trigger Signal)
Trigger Output	3 (5V TTL, Flash Synchronization Output Control)
Video Output	1Vp-p Composite Output (75Ω/BNC)
On-board storage	Built-in SD/SDHC Slot, Up To 32GB
General	
Operating Condition	-10°C–60°C (14°F–140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	77.4 × 68 × 157.4 mm
Weight	750g

Dimensions



Accessories



Outdoor Wall Mount

DS-1213ZJ

Outdoor Housing

DS-1311HZ (DS-1312HZ, DS-1313HZ)

iDS-2CD977/F (Under R&D)



Key Features

- Up to 2 megapixel (1920×1080) resolution
- Standard video compression with high compression ratio
- Progressive scan CCD
- Support both encoding and snapshot
- JPEG snapshot, up to 1920×1080 image resolution
- Support vehicle license plate recognition and continuous snapshots
- Power Synchronization
- Support flashlight synchronization: up to 3 channels flashlight output synchronously
- Support to input traffic light signals with different trigger modes for red light and green light
- Support snapshot triggered by external signal, network signal, video signal (dummy coil), RS-485 signal
- RS-485 function used for information acquisition
- Adjustable parameters: exposure speed, AGC (auto gain control) mode, WB (white balance) mode, etc.
- Local video output facilitates for debugging

Specification

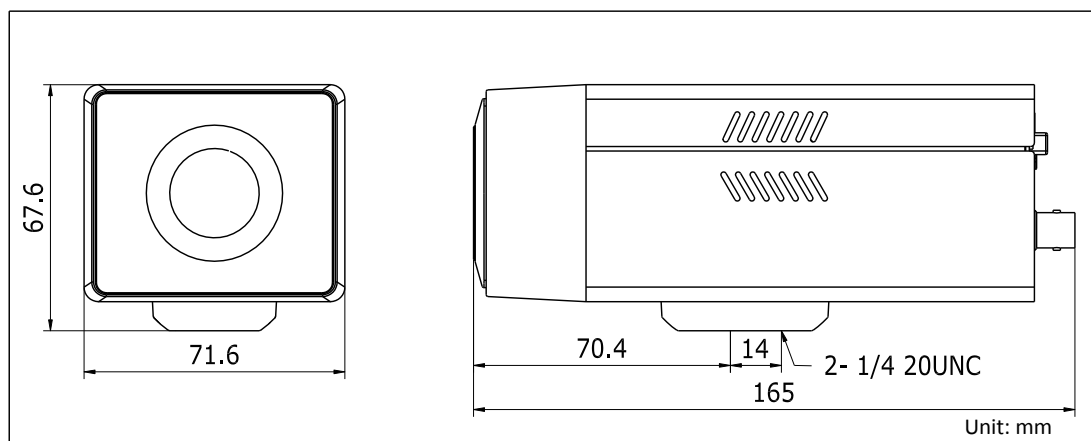
Model	iDS-2CD977/F
Parameter	2 Megapixel CCD Intelligent Traffic Network Camera
Camera	
Image Sensor	2/3" Progressive Scan CCD
Min. Illumination	0.2 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/30,000 s
Lens Mount	C / CS mount
Auto-iris	DC Drive
Compression Standard	
Video Compression	H.264
Video Bit Rate	32 Kbps-16Mbps
Image	
Image Format	JPEG
Max. Resolution	1920×1080
Frame Rate	25fps (1920×1080)

Image Settings	Saturation, Brightness, Contrast, WB, AGC adjustable through client software
Network	
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, FTP
Security	Password Protection
Dedicated Functions	Video Signal Trigger, External I/O Trigger, Network Trigger, RS-485 Trigger, Traffic Light Signals Input, JPEG snapshot function, Flashlight Synchronization, Power Synchronization, I/O speed measurement
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface, 1 RS-485 interface
Trigger Input	4 (External Trigger Signal)
Trigger Output	3 (Light Coupling Isolation 3500V AC, Flashlight Synchronization Output Control)
Video Output	1Vp-p Composite Output (75Ω/BNC)
On-board storage	Built-in SD/SDHC Slot, Up To 32GB
General	
Operating Condition	-10°C–60°C (14°F–140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	71.6×67.6×165mm
Weight	750g

Order Models

iDS-2CD977/F

Dimensions



Accessories

Outdoor Wall Mount
DS-1213ZJ



Outdoor Housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)

DS-2CD977(-S)(Released)



Key Features

- Up to 2 megapixel (1920×1080) resolution
- Standard video compression with high compression ratio
- Progressive scan CCD
- Support both encoding and snapshot
- JPEG snapshot, up to 1920×1080 image resolution
- Support vehicle license plate recognition and continuous snapshots
- Power Synchronization
- Support flashlight synchronization: up to 3 channels flashlight output synchronously
- Support to input traffic light signals with different trigger modes for red light and green light
- Support snapshot triggered by external signal, network signal, video signal (dummy coil), RS-485 signal
- RS-485 function used for information acquisition
- Adjustable parameters: exposure speed, AGC (auto gain control) mode, WB (white balance) mode, etc.
- Local video output facilitates for debugging

Specification

Model	DS-2CD977(-S)
Parameter	2 Megapixel CCD Intelligent Traffic Network Camera
Camera	
Image Sensor	2/3" Progressive Scan CCD
Min. Illumination	0.2 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/30,000 s
Lens Mount	C / CS mount
Auto-iris	DC Drive
Compression Standard	
Video Compression	H.264
Video Bit Rate	32 Kbps-16Mbps
Image	
Image Format	JPEG
Max. Resolution	1920×1080

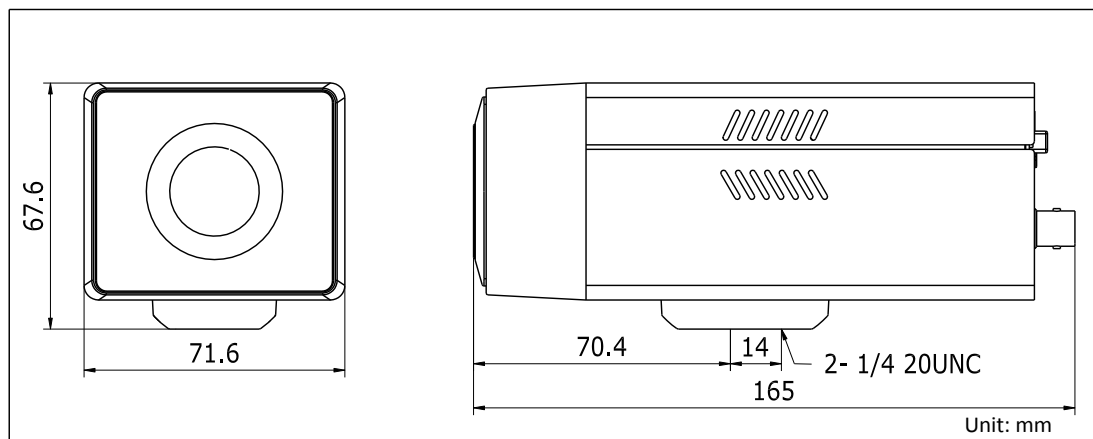
Frame Rate	25fps (1920×1080)
Image Settings	Saturation, Brightness, Contrast, WB, AGC adjustable through client software
Network	
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, FTP
Security	Password Protection
Dedicated Functions	Video Signal Trigger, External I/O Trigger, Network Trigger, RS-485 Trigger, Traffic Light Signals Input, JPEG snapshot function, Flashlight Synchronization, Power Synchronization, I/O speed measurement
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface, 1 RS-485 interface
Trigger Input	4 (External Trigger Signal)
Trigger Output	3 (Light Coupling Isolation 3500V AC, Flashlight Synchronization Output Control)
Video Output	1Vp-p Composite Output (75Ω/BNC)
On-board storage	Built-in SD/SDHC Slot, Up To 32GB
General	
Operating Condition	-10°C–60°C (14°F–140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	71.6×67.6×165mm
Weight	750g

Order Models

DS-2CD977 (Discrete signal output)

DS-2CD977-S (5 Voltage signal output)

Dimensions



Accessories



Outdoor Wall Mount
DS-1213ZJ



Outdoor Housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)

iDS-2CD976/F (Released)



Key Features

- Up to 2 megapixel (1600×1200) resolution
- Standard video compression with high compression ratio
- Progressive scan CCD
- Intelligent face recognition
- Intelligent face recording and retrieving
- Support both encoding and snapshot
- JPEG snapshot, up to 1600×1200 image resolution
- Adjustable parameters: exposure speed, AGC (auto gain control) mode, WB (white balance) mode, etc.
- Local video output facilitates for debugging

Specification

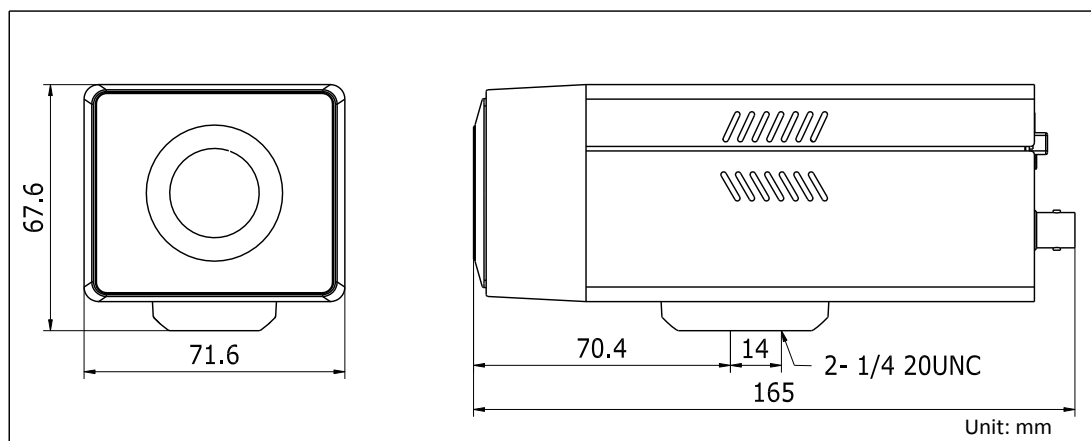
Model	iDS-2CD976/F
Parameter	2 Megapixel CCD Intelligent Traffic Network Camera
Camera	
Image Sensor	1/1.8" SONY Progressive Scan CCD
Min. Illumination	0.1Lux @(F1.2,AGC ON)
Shutter Speed	1/25s to 1/30,000s
Lens Mount	C / CS mount
Auto-iris	DC Drive
Compression Standard	
Video Compression	H.264
Video Bit Rate	32 Kbps-16Mbps
Image	
Image Format	JPEG
Max. Resolution	1600×1200
Frame Rate	15fps (1600×1200)
Image Settings	Saturation, Brightness, Contrast, WB, AGC adjustable through client software
Network	

Protocols	TCP/IP, HTTP, DHCP, DNS, RTP,RTSP, FTP
Security	Password Protection
Dedicated Functions	Intelligent face recognition, Intelligent face recording and retrieving, JPEG snapshot function
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface, 1 RS-485 interface
Trigger Output	3(Light Coupling Isolation 3500V AC, Flash Synchronization Output Control)
Video Output	1Vp-p Composite Output (75Ω/BNC)
On-board storage	Built-in SD/SDHC Slot, Up To 32GB
General	
Operating Condition	-10°C–60°C (14°F–140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	71.6×67.6×165mm
Weight	750g

Order Models

iDS-2CD976/F

Dimensions



Accessories



Outdoor Wall Mount
DS-1213ZJ



Outdoor Housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)

DS-2CD976 (Released)



Key Features

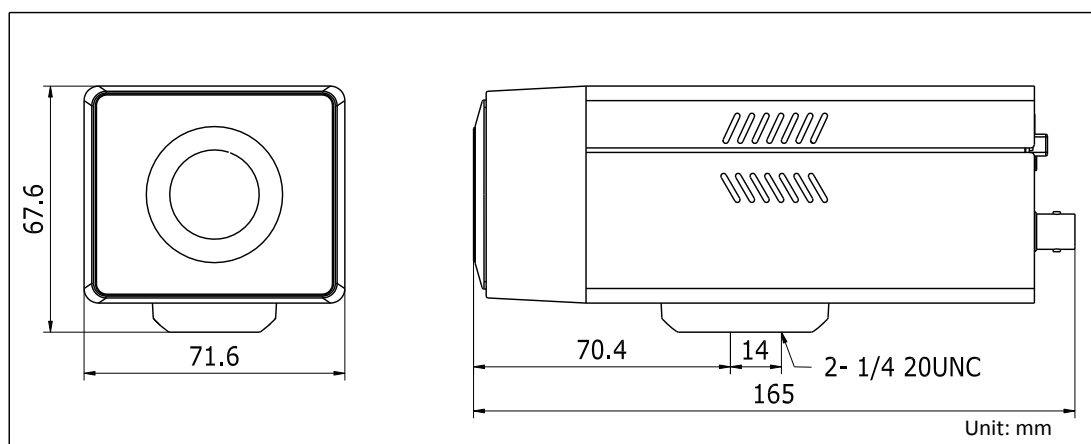
- Up to 2 megapixel (1600×1200) resolution
- Standard video compression with high compression ratio
- Progressive scan CCD
- Support both encoding and snapshot
- JPEG snapshot, up to 1600×1200 image resolution
- Support vehicle license plate recognition and continuous snapshots
- Power Synchronization
- Support flashlight synchronization: up to 3 channels flashlight output synchronously
- Support to input traffic light signals with different trigger modes for red light and green light
- Support snapshot triggered by external signal, network signal, video signal (dummy coil), RS-485 signal
- RS-485 function used for information acquisition
- Adjustable parameters: exposure speed, AGC (auto gain control) mode, WB (white balance) mode, etc.
- Local video output facilitates for debugging

Specification

Model	DS-2CD976
Parameter	2 Megapixel CCD Intelligent Traffic Network Camera
Camera	
Image Sensor	1/1.8" SONY Progressive Scan CCD
Min. Illumination	0.1Lux @(F1.2,AGC ON)
Shutter Speed	1/25s to 1/30,000s
Lens Mount	C / CS mount
Auto-iris	DC Drive
Compression Standard	
Video Compression	H.264
Video Bit Rate	32 Kbps-16Mbps
Image	
Image Format	JPEG
Max. Resolution	1600×1200
Frame Rate	15fps (1600×1200)

Image Settings	Saturation, Brightness, Contrast, WB, AGC adjustable through client software
Network	
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, FTP
Security	Password Protection
Dedicated Functions	Vehicle License Plate Recognition, Video Trigger, External I/O Trigger, Network Trigger, RS-485 Trigger, Traffic Light Signals Input, JPEG snapshot function, Flashlight Synchronization, Power Synchronization, I/O speed measurement
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface, 1 RS-485 interface
Trigger Input	4 (External Trigger Signal)
Trigger Output	3 (Light Coupling Isolation 3500V AC, Flash Synchronization Output Control)
Video Output	1Vp-p Composite Output (75Ω/BNC)
On-board storage	Built-in SD/SDHC Slot, Up To 32GB
General	
Operating Condition	-10°C–60°C (14°F–140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	71.6×67.6×165mm
Weight	750g

Dimensions



Accessories

Outdoor Wall Mount
DS-1213ZJ



Outdoor Housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)

DS-2CD976-V (Released)



Key Features

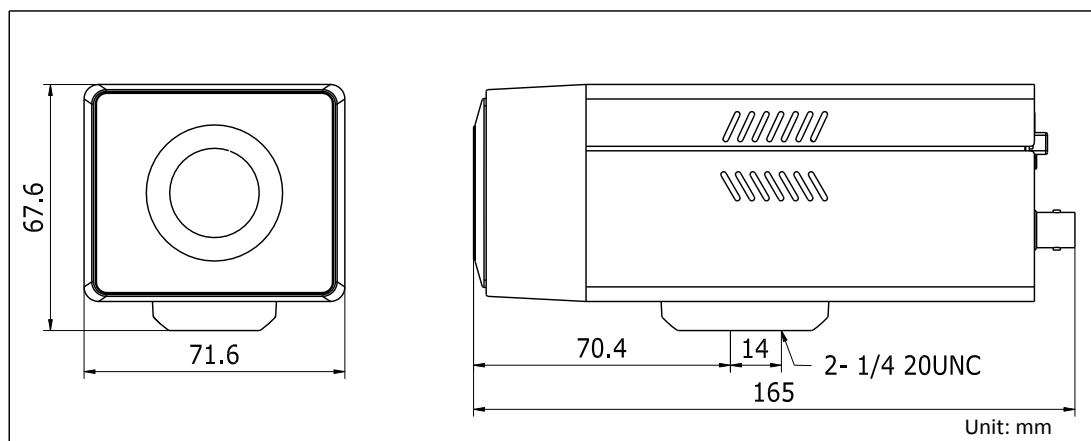
- Up to 2 megapixel (1600×1200) resolution
- Standard video compression with high compression ratio
- Progressive scan CCD
- Support both encoding and snapshot
- JPEG snapshot, up to 1600×1200 image resolution
- Support vehicle license plate recognition and continuous snapshots
- Power Synchronization
- Support flashlight synchronization: up to 3 channels flashlight output synchronously
- Support to input traffic light signals with different trigger modes for red light and green light
- Support snapshot triggered by external signal, network signal, video signal (dummy coil), RS-485 signal
- RS-485 function used for information acquisition
- Adjustable parameters: exposure speed, AGC (auto gain control) mode, WB (white balance) mode, etc.
- Local video output facilitates for debugging

Specification

Model	DS-2CD976-V
Parameter	2 Megapixel CCD Intelligent Traffic Network Camera
Camera	
Image Sensor	1/1.8" SONY Progressive Scan CCD
Min. Illumination	0.1Lux @(F1.2,AGC ON)
Shutter Speed	1/25s to 1/30,000s
Lens Mount	C / CS mount
Auto-iris	DC Drive
Compression Standard	
Video Compression	H.264
Video Bit Rate	32 Kbps-16Mbps
Image	
Image Format	JPEG
Max. Resolution	1600×1200
Frame Rate	25fps (1600×1200)

Image Settings	Saturation, Brightness, Contrast, WB, AGC adjustable through client software
Network	
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, FTP
Security	Password Protection
Dedicated Functions	External I/O Trigger, Network Trigger, RS-485 Trigger, Traffic Light Signals Input, JPEG snapshot function, Flashlight Synchronization, Power Synchronization, I/O speed measurement
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface, 1 RS-485 interface
Trigger Input	4 (External Trigger Signal)
Trigger Output	3(Light Coupling Isolation 3500V AC, Flash Synchronization Output Control)
Video Output	1Vp-p Composite Output (75Ω/BNC)
On-board storage	Built-in SD/SDHC Slot, Up To 32GB
General	
Operating Condition	-10°C–60°C (14°F–140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	71.6×67.6×165mm
Weight	750g

Dimensions



Accessories

Outdoor Wall Mount
DS-1213ZJ



Outdoor Housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)

DS-2CD966 (Released)



Key Features

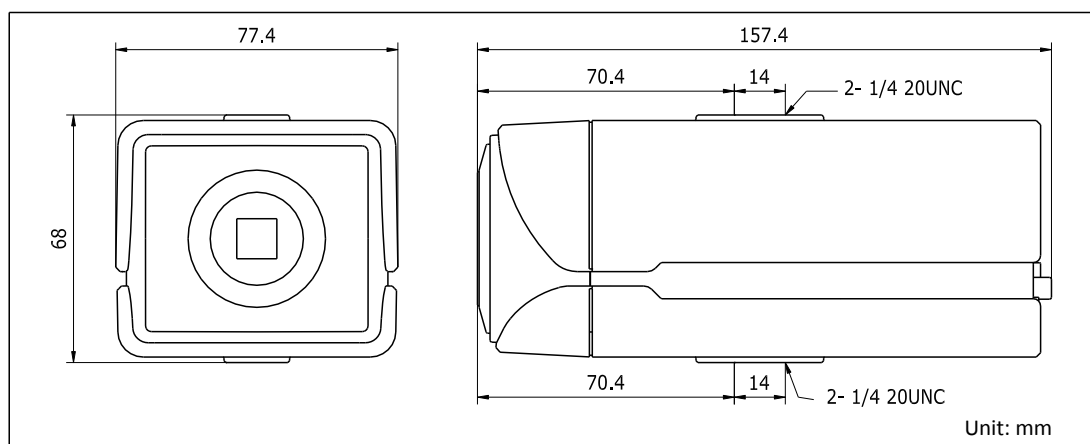
- Up to 1.4 megapixel (1360×1024) resolution
- Standard video compression with high compression ratio
- Progressive scan CCD
- Support both encoding and snapshot
- JPEG snapshot, up to 1360×1024 image resolution
- Support vehicle license plate recognition and continuous snapshots
- Support flashlight synchronization: up to 3 channels flashlight output synchronously
- Support to input traffic light signals with different trigger modes for red light and green light
- Support snapshot triggered by external signal, network signal, video signal (dummy coil), RS-485 signal
- RS-485 function used for information acquisition
- Adjustable parameters: exposure speed, AGC (auto gain control) mode, WB (white balance) mode, etc.
- Local video output facilitates for debugging

Specification

Model	DS-2CD966
Parameter	1.4 MegapixelCCD Intelligent Traffic Network Camera
Camera	
Image Sensor	1/3" SONY Progressive Scan CCD
Min. Illumination	0.1Lux @(F1.2,AGC ON)
Shutter Speed	1/25s to 1/100,000s
Lens Mount	C / CS mount
Auto-iris	DC Drive
Compression Standard	
Video Compression	H.264
Video Bit Rate	32 Kbps-16Mbps
Image	
Image Format	JPEG
Max. Resolution	1360×1024
Frame Rate	22.5fps (1360×1024)

Image Settings	Saturation, Brightness, Contrast, WB, AGC adjustable through client software
Network	
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, FTP
Security	Password Protection
Dedicated Functions	Vehicle License Plate Recognition, Video Trigger, External I/O Trigger, Network Trigger, RS-485 Trigger, Traffic Light Signals Input, JPEG snapshot function, Flashlight Synchronization, Power Synchronization, I/O speed measurement
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface, 1 RS-485 interface
Trigger Input	4 (External Trigger Signal)
Trigger Output	3 (Light Coupling Isolation 3500V AC, Flash Synchronization Output Control)
Video Output	1Vp-p Composite Output (75Ω/BNC)
On-board storage	Built-in SD/SDHC Slot, Up To 32GB
General	
Operating Condition	-10°C–60°C (14°F–140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	77.4×68×157.4mm
Weight	600g

Dimensions



Accessories

Outdoor Wall Mount
DS-1213ZJ



Outdoor Housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)

DS-2CD966-V (Released)



Key Features

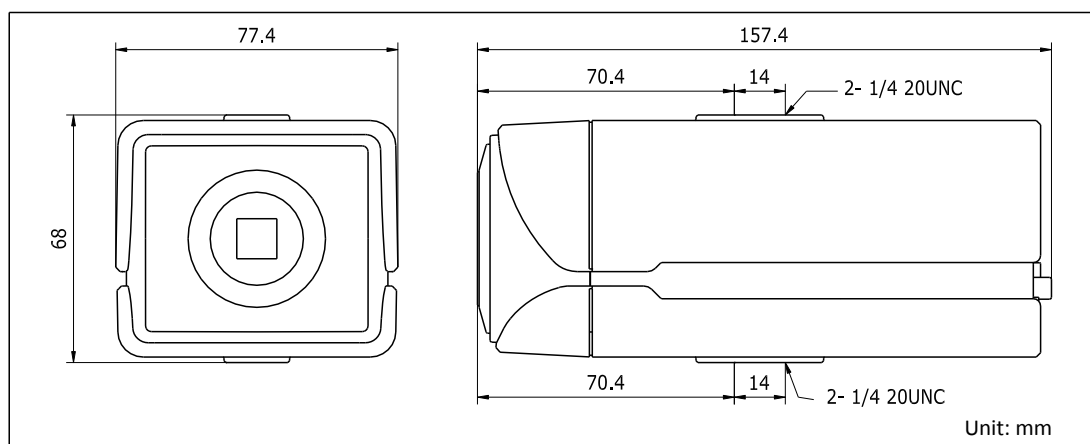
- Up to 1.4 megapixel (1360×1024) resolution
- Standard video compression with high compression ratio
- Progressive scan CCD
- Support both encoding and snapshot
- JPEG snapshot, up to 1360×1024 image resolution
- Support vehicle license plate recognition and continuous snapshots
- Support flashlight synchronization: up to 3 channels flashlight output synchronously
- Support to input traffic light signals with different trigger modes for red light and green light
- Support snapshot triggered by external signal, network signal, video signal (dummy coil), RS-485 signal
- RS-485 function used for information acquisition
- Adjustable parameters: exposure speed, AGC (auto gain control) mode, WB (white balance) mode, etc.
- Local video output facilitates for debugging

Specification

Model	DS-2CD966-V
Parameter	1.4 Megapixel 1/3" CCD Intelligent Traffic Network Camera
Camera	
Image Sensor	1/3" SONY Progressive Scan CCD
Min. Illumination	0.1Lux @(F1.2,AGC ON)
Shutter Speed	1/25s to 1/100,000s
Lens Mount	C / CS mount
Auto-iris	DC Drive
Compression Standard	
Video Compression	H.264
Video Bit Rate	32Kbps-16Mbps
Image	
Image Format	JPEG
Max. Resolution	1360×1024
Frame Rate	12.5fps (1360×1024)

Image Settings	Saturation, Brightness, Contrast, WB, AGC adjustable through client software
Network	
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, FTP
Security	Password Protection
Dedicated Functions	Vehicle License Plate Recognition, Video Trigger, External I/O Trigger, Network Trigger, RS-485 Trigger, Traffic Light Signals Input, JPEG snapshot function, Flashlight Synchronization, Power Synchronization, I/O speed measurement
Interface	
Communication Interface	1 RJ45 10M / 100M Ethernet interface, 1 RS-485 interface
Trigger Input	4 (External Trigger Signal)
Trigger Output	3 (Light Coupling Isolation AC 3500V, Flash Synchronization Output Control)
Video Output	1Vp-p Composite Output (75Ω/BNC)
On-board storage	Built-in SD/SDHC Slot, Up To 32GB
General	
Operating Condition	-10°C–60°C (14°F–140°F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 10 W
Dimensions	77.4×68×157.4mm
Weight	600g

Dimensions



Accessories

Outdoor Wall Mount
DS-1213ZJ

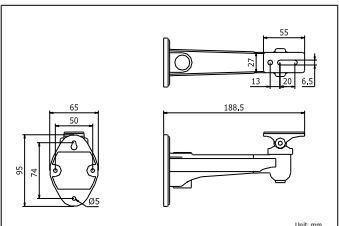


Outdoor Housing
DS-1311HZ (DS-1312HZ, DS-1313HZ)

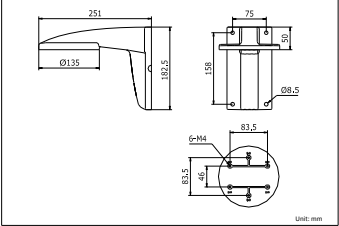
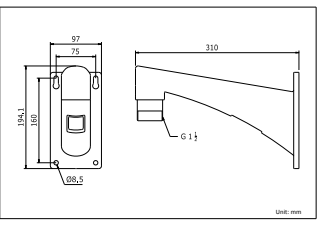
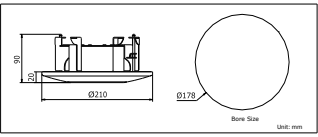
Camera Mount

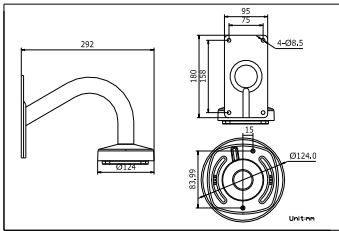
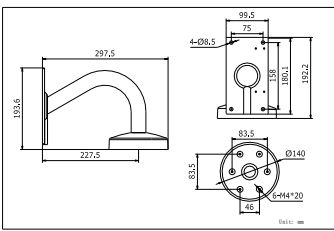
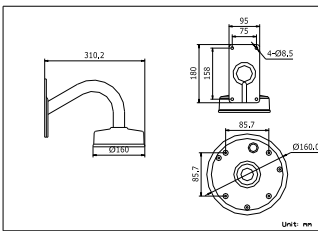
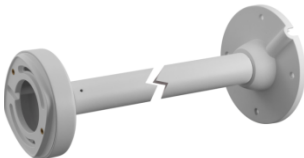
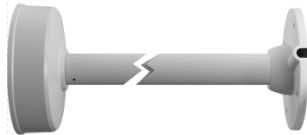
Box Camera/Bullet Camera/Zoom Camera Mount

Product	silvery White	silvery	Silvery
Model Parameter	DS-1203ZJ-S(silvery) DS-1203ZJ(White)	DS-1209ZJ-S(silvery)	DS-1210ZJ-S(Silvery)
	Pendant mount	Pendant mount	Pendant mount
Feature	Suitable for box/bullet/zoom camera indoor pendant mounting	Suitable for box/bullet/zoom camera indoor pendant mounting	Suitable for box/bullet/zoom camera indoor pendant mounting
Construction	Aluminum alloy	Aluminum alloy	Aluminum alloy
Dimension	70.4×84×200mm (2.77″×3.31″×7.87″)	Φ97×232mm (Φ3.82″×9.13″)	Φ97×312mm (Φ3.82″×12.28″)
Weight	200g(0.44lbs)	150g(0.33lbs)	300g(0.66lbs)
Dimension			
Product	Silvery White		
Model Parameter	DS-1212ZJ-S(Silvery) DS-1212ZJ(White)		
	Indoor wall mount		
Feature	Suitable for box/bullet/zoom camera wall mounting		
Construction	Aluminum alloy		

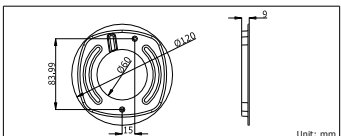
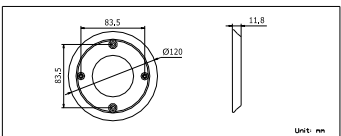
Dimension	65×95×188.5mm (2.56"×3.74"×7.40")		
Weight	360g(0.79lbs)		
Dimension			

Dome Camera Mount

Product			
Model	DS-1229ZJ(White) DS-1229ZJ-1(White)	DS-1611ZJ-S(Silvery)	DS-1227ZJ (White)
Parameter	Dome camera indoor wall mount	Indoor long-arm wall mount	Dome camera in ceiling mount
Feature	Suitable for DS-2CD793PF-E, DS-2CD793NFW-E, DS-2CC5192P, DS-2CC5173P-V PIR, DS-2CC51A5P-VF, etc., dome camera	Suitable for DS-2CD732F-E, DS-2CD752MF-E, DS-2CD792NF-E, etc., dome camera with the same structure	Suitable for DS-2CD754F-E, DS-2CD763NF-E, DS-2CD793PFWD-E and DS-2CD733F-E, etc., dome camera with the same structure
Construction	Aluminum alloy	Aluminum alloy	Sheet metal and ABS plastic
Dimension	100×182.5×251mm (3.94"×7.19"×9.88")	97×194.1×310mm (3.82"×7.64"×12.20")	Φ210×90mm (Φ8.27"×3.54")
Weight	580g(1.28lbs)	1110g(2.45lbs)	540g(1.19lbs)
Dimension			

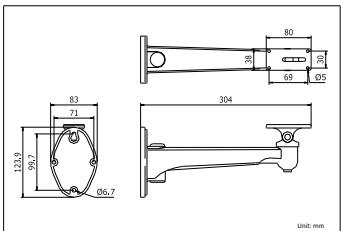
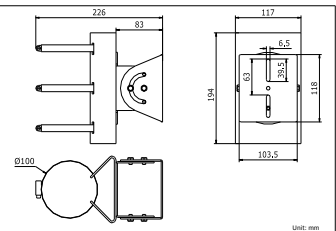
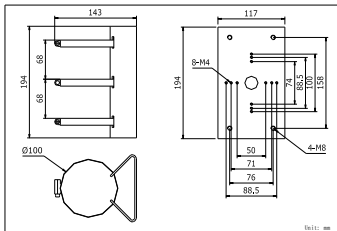
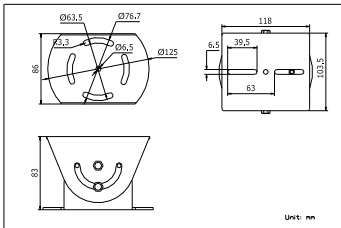
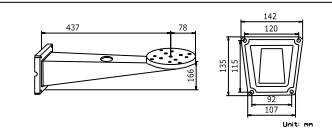
Product			
Model Parameter	DS-1246ZJ(White)	DS-1216ZJ(White)	DS-1217ZJ(White)
	Mini dome wall mount	Dome wall mount	Vandal-proof wall mount
Feature	Suitable for DS-2CD7133-E, DS-2CD7153-E, DS-2CD7164-E mini dome camera with the same structure	Suitable for DS-2CD793PF-E, DS-2CC5173P-VPIR, DS-2CC5193P-VF, DS-2CC695P-A, etc., dome camera with the same structure	Suitable for DS-2CD752 MF-IFBH, DS-2CD762MF-FBH, etc., vandal-proof dome camera with the same structure
Construction	Aluminum alloy and ABS plastic	Aluminum alloy	Aluminum alloy
Dimension	124×180×292mm (4.88"×7.09"×11.50")	140×193.6×297.5mm (5.51"×7.62"×11.69")	160×180×310.2mm (6.30"×7.09"×12.21")
Weight	960g(2.12lbs)	1200g(2.64lbs)	1395g(3.08lbs)
Dimension			
Product			
Model Parameter	DS-1236ZJ(White)	DS-1238ZJ(White)	DS-1248ZJ(White)
	Mini dome camera pendant mount	Dome camera pendant mount	Vandal-proof dome camera pendant mount
Feature	Suitable for DS-2CD7133-E, DS-2CD7153-E, DS-2CD7164-E, etc., dome camera with the same structure	Suitable for DS-2CD793PF-E, DS-2CC5173P-VPIR, DS-2CC5193P-VF, DS-2CC695P-A, etc., dome camera with the same structure	Suitable for DS-2CD752 MF-IFBH, DS-2CD762MF-FB, etc., vandal-proof dome camera with the same structure
Construction	Aluminum alloy and ABS plastic	Aluminum alloy	Aluminum alloy
Dimension	Φ124×575mm (Φ4.88"×22.64")	Φ150×545mm (Φ5.91"×21.46")	Φ160×591mm (Φ6.30"×23.27")

Weight	1900g(4.19lbs)	2200g(4.84lbs)	2300g(5.07lbs)
Dimension			
Product			
Model	DS-1651ZJ-S (Silvery)	DS-1652ZJ-S (Silvery)	DS-1240ZJ (White)
	Indoor pendant mount (30cm)	Indoor pendant mount (50cm)	Inclined ceiling mount
Feature	Suitable for 30cm pendant mounting Suitable for DS-2CD732F-E, DS-2CD752MF-E, DS-2CD792NF-E, etc., dome camera with the same structure	Suitable for 50cm pendant mounting Suitable for DS-2CD732F-E, DS-2CD752MF-E, DS-2CD792NF-E, etc., dome camera with the same structure	The angle of view of the camera is enlarged 10° with this mount. Suitable for DS-2CC5173P-VP, DS-2CC5191P-VPIR, DS-2CC5197N-VPIR, DS-2CC51A7N-VPIRH, etc., dome camera with the same structure
Construction	Aluminum alloy	Aluminum alloy	Aluminum alloy
Dimension	Φ117×312.5mm (Φ4.61"×12.30")	Φ117×512.5mm (Φ4.61"×20.18")	Φ145×63mm (Φ5.71"×2.48")
Weight	1015g(2.24lbs)	1320g(2.91lbs)	440g(0.97lbs)
Dimension			
Product			
Model	DS-1234ZJ (White)	DS-1244ZJ (White)	

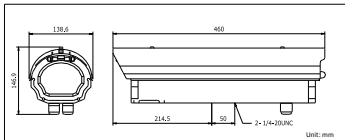
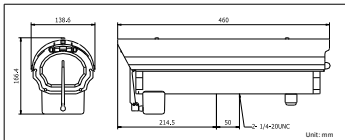
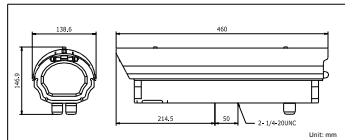
Parameter	Inceiling mount with gang box	Inceiling mount	
Feature	Suitable for DS-2CD7133-E, DS-2CD7153-E, DS-2CD7164-E, etc., dome camera with the same structure	Suitable for DS-2CC5132P, DS-2CC5182N, DS-2CC51A2P, etc., dome camera	
Construction	ABS plastic	ABS plastic	
Dimension	Φ120×9mm (Φ4.72"×0.35")	Φ120×12mm (Φ4.72"×0.47")	
Weight	100g(0.22lbs)	100g(0.22lbs)	
Dimension			

Other Camera Mount

Product	 silvery white		
Model	DS-1213ZJ-S (silvery) DS-1213ZJ (White)	DS-1214ZJ(White)	DS-1215ZJ(White)
Parameter	Indoor/outdoor wall mount	Horizontal pole mount	Vertical pole adapter
Feature	Suitable for box/bullet/zoom camera/housing indoor or outdoor wall mounting	Suitable for housing horizontal pole mounting (Universal adjustment) Diameter range of straps: Φ67-127mm(Φ2.64"-5.00")	Suitable for pole mounting with DS-1212ZJ, DS-1212ZJ-S, DS-1213ZJ, DS-1213ZJ-S, DS-1229ZJ,DS-1229ZJ-1 mounts Diameter range of straps: Φ67-127mm(Φ2.64"-5.00")
Construction	Aluminum alloy	Aluminum alloy	Aluminum alloy
Dimension	83×123.9×304mm (3.27"×4.88"×11.97")	117×226×194mm (4.61"× 8.90" × 7.64")	117×143×194mm (4.61"× 5.63" ×7.64")
Weight	765g(1.69lbs)	1895g(4.18lbs)	1205g(2.66lbs)

Dimension			
Product			
Model	DS-1232ZJ	DS-1223ZJ	
Parameter	Universal adapter	PTZ wall mount	
Feature	Suitable for mounting with housing	Suitable for wall mounting with PTZ	
Construction	Aluminum alloy	Aluminum alloy	
Dimension	103.5×83×125mm (4.08″×3.27″×4.92″)	142×135×515mm (5.59″× 5.32″×20.28″)	
Weight	790g(1.74lbs)	5500g(12.1 lbs)	
Dimension			

Camera Housing

Product			
Model Parameter	DS-1311HZ	DS-1312HZ DS-1312HZ-2	DS-1313HZ
	Outdoor camera housing	Outdoor camera housing	Outdoor camera housing
Feature	Easy installation	DS-1312HZ built-in heater, wiper and fan DS-1312HZ-2 built-in wiper, decode card	Built-in heater and fan
Working Temperature	-10°C ~60°C (14°F-140°F)	-40°C ~60°C (-40°F-140°F) (When the temperature is below 5°C±5°C, the heater and fan turn on automatically. When the temperature is above 40°C±5°C, the fan turns on automatically.)	-40°C ~60°C (-40°F-140°F) (When the temperature is below 5°C±5°C, the heater and fan turn on automatically. When the temperature is above 40°C±5°C, the fan turns on automatically.)
Power Supply	--	24VAC	24VAC
Power Consumption	--	Heater 50W, Fan 3W, Wiper 5W	Heater 50W, Fan 3W
Weather Proof	IP66	IP66	IP66
Construction	Aluminum alloy	Aluminum alloy	Aluminum alloy
Dimension	138.6×146.9×460mm (5.46''×5.78'' ×18.11'')	138.6×166.4×460mm (5.46''×6.55'' ×18.11'')	138.6×146.9×460mm (5.46''×5.78'' ×18.11'')
Weight	2300g(5.07lbs)	2615g(5.77lbs)	2415g(5.32lbs)
Dimension			

Product			
Model Parameter	DS-1320HZ	DS-1315HZ-E25(E40)	DS-1395HZ-E75
	Indoor camera housing	Thermal network camera housing	Thermal network camera housing
Feature	Special button for open/close	Built-in heater, wiper and fan	Built-in heater and fan
Working Temperature	-----	-40°C ~60°C (-40°F-140°F) (When the temperature is below 5°C±5°C, the heater and fan turn on automatically. When the temperature is above 40°C±5°C, the fan turns on automatically.)	-35°C ~+65°C (-31°F-149°F) (When the temperature is below 8°C±5°C, the heater and fan turn on automatically. When the temperature is above 37°C±5°C, the fan turns on automatically.)
Power Supply	-----	24VAC	24VAC
Power Consumption	-----	Heater 50W, Fan 3W, Wiper 5W	Heater 36W, Fan 8W
Weather Proof	Dust-proof, No water-proof	IP66	IP66
Construction	ABS plastic	Window: germanium Housing: Aluminum alloy	Window: germanium Housing: Aluminum alloy
Dimension	110.9×108.7×300.2mm (4.37"×4.28"×11.82")	138.6×166.4×460mm (5.46"×6.55"×18.11")	179.5×132.5×540mm (7.08"×5.22"×21.31")
Weight	600g(1.32lbs)	2725g(6.01lbs)	5000g(11.03lbs)
Dimension	