Introducing Advanced
IVA (Intelligent Video Analysis) Technology

Trip Wire Detection

Allowed to enter the border intelligence deployment

Counting

Calculates the amount of objects/people passing from predefined line or area.

Object Missing Detection

Detects Missing / Left Object & sends notifications or warnings & creates alarm

Parking

Perceives intrusions when suspicious objects/people pass a predefined blocked line.

IVA Available :

- ☑ Tripwire
- ☑ Perimeter
- ☑ Facial Detection
- ☑ People Counting
- ☑ Missing
- ☑ Foreign Object
- ☑ Crowd
- ☑ Loitering
- ☑ Fast Moving
- ☑ Parking
- ☑ Off-Position
- ☑ Blurred Image
- ☑ Audio Offline
- ☑ Screaming Detection
- ☑ Video Diagnosis

*Product specifications and appearance may be changed without prior notice due to improvements

ΛVTRON

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Authorised Dealer

BEST CHOICE FOR
SECURITY PROFESSIONALS

ΛVTRON
Vision Redefined

CCTV PRODUCT CATALOGUE

IP Cameras / Analog Cameras / AHD Camera
Hybrid , Network & Digital Video Recorders

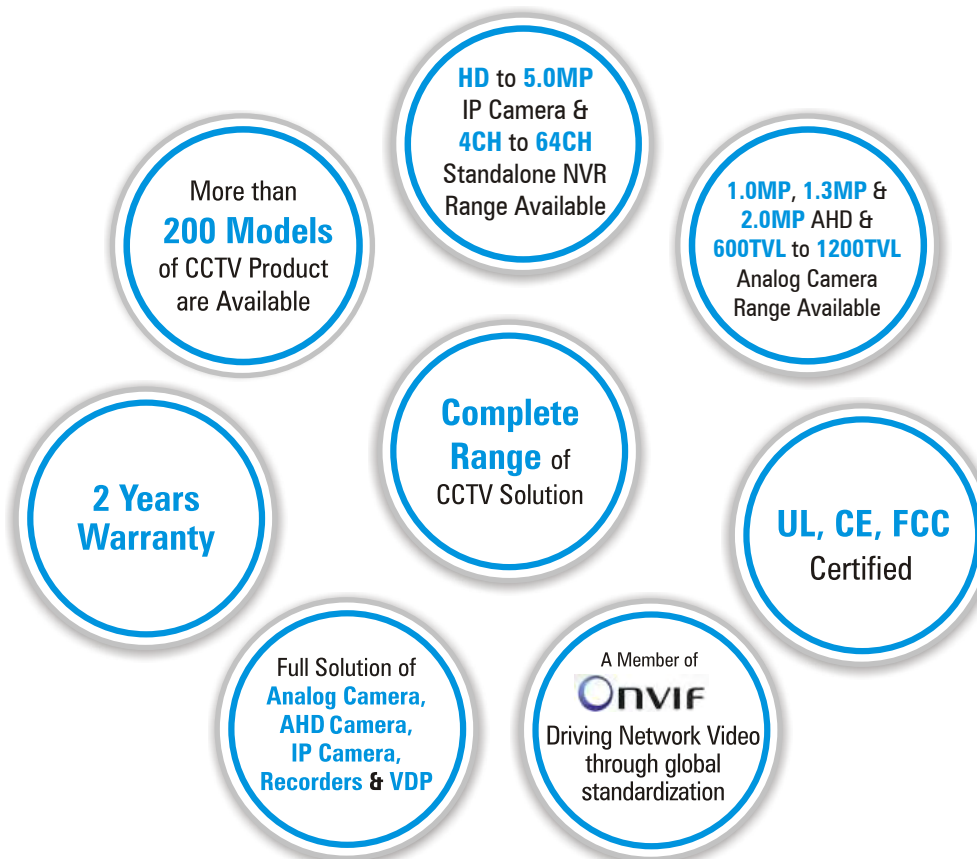*More than **200 Different Models** of CCTV Products in **one Brand**.*

Feature Badges

More than 200 Models of CCTV Product are Available

HD to **5.0MP** IP Camera & **4CH** to **64CH** Standalone NVR Range Available

1.0MP, **1.3MP** & **2.0MP** AHD & **600TVL** to **1200TVL** Analog Camera Range Available

Complete Range of CCTV Solution

2 Years Warranty

UL, CE, FCC Certified

Full Solution of **Analog Camera, AHD Camera, IP Camera, Recorders & VDP**

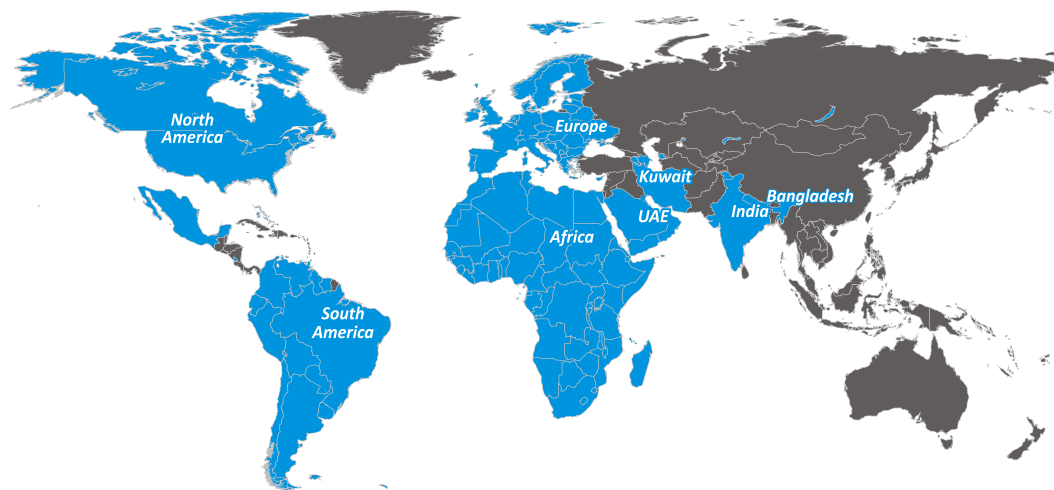A Member of **ONVIF** Driving Network Video through global standardization

AVTRON Technologies LLC, a US based Company specializes in Designing, Manufacturing and Distribution of Video Surveillance Systems. AVTRON Technologies designs Systems as per client specifications. We specialize in manufacturing customized Products as per client's requirement. Our profound knowledge and experience has developed our ability to foresee and recognize the market trends and fulfill our Clients' needs effectively.

We have consistently developed the most advance line of cameras to provide our Customers with more solutions and options to protect people and properties throughout the globe from smallest requirement to the high end assets for Defense applications along with Government Infrastructure Projects, Airports, Hospitals, Casinos, Stadiums, Hotels, Educational Campuses, Residential, Commercial & Industrial Complexes and Retail facilities etc.

We primarily provide two types of Product Categories – AVTRON Monarch Series for Ultra high resolution requirements and AVTRON Atom Series for high resolution requirements. Other resolutions are available on request if clients have a specific requirement.

We proudly manufacture UL, CE and FCC certified products along with RoHS Compliance. Rigorous QC processes that are implemented in our manufacturing process yields the consistent quality product that we are proud, resulting in a 2 years warranty on our products. We have Global Presence throughout North America, Latin America, Europe, Africa, Asia and Middle East.

World Map

North America
Europe
Kuwait
UAE
Africa
India
Bangladesh
South America

The below images show you the size of the most commonly used CCTV resolutions

Full HD1080P (2.0 MP) Resolution
1920 x 1080

960P (1.3 MP) Resolution
1280 x 960

HD720P (1.0 MP) Resolution
1280 x 720

D1 Resolution
740 x 480

AVTRON
Vision Redefined

5.0 MP / 3.0 MP / 2.0MP IP Camera

MONARCH 5.0 MP

iCRYSPro

AM-SM5060-MMR5
5.0MP H.265 Varifocal IP IR Bullet Camera

- 1/2.8" Exmor Sensor • QSXGA 2560 X **1920P**,
- **H.265**/H.264/MJPEG Hardware Compression,
- **18Types iVA** (Tripwire / Facial detection, People Counting/Object Left & Lost, Crowd / Fast Moving /Screaming Detection)
- WDR •   2.8~12mm **Motorized Lens**
- 2CH Alarm • 2Way Audio • Micro SD,
- **54pcs IR** LED up to 50M • Triple Streaming
- ONVIF S Supported • IP66

Other Featured Models :

AM-SM5030-MMR3
2560x1920P,
2.8 ~ 12.0mm lens,
32 IR LED up to 30M,
18 iVA, Dual Filter HD ICR,
PoE, WDR, IP66

AM-SM5054-NM
2560x1920P,
Dual Filter ICR,
18 iVA Features, PoE,
WDR & Many More

MONARCH 3.0MP

iCRYSPro

AM-SM3030-MMR3
3.0MP H.265 Vandal V.F. IP IR Dome Camera

- 1/2.8" Exmor Sensor, QXGA 2048 X **1536P**,
- H.265/H.264/MJPEG Hardware Compression
- **18Types iVA** (Tripwire / Facial detection, People Counting/Object Left & Lost, Crowd / Fast Moving /Screaming Detection)
- WDR • Triple Streaming • **Micro SD**
- 2CH Alarm • 2.8~12mm **Motorized Lens**
- 2 Way Audio • **32pcs IR** LED up to 30M
- ONVIF S Profile Supported • IP66

Other Featured Models :

AM-SM3060-MMR5
QXGA 2048x1536P,
2.8 ~ 12.0mm lens,
54 IR LED up to 50M,
18 iVA, Dual Filter HD ICR,
PoE, WDR, IP66

AM-SM3054-NM
1280x960P, 2.8mm,
Dual Filter ICR,
PoE, WDR,
1 Array LED up to 30M

MONARCH 2.0MP

iCRYSPro

AM-DM2011-FMA1
Full HD 2.0MP Fixed IP IR Dome Camera

- 1/2.8" Exmor Sensor • Full HD 1920x**1080P,**
- H.264(Main/Baseline)/MJPEG Compression
- **Built in iVA** • 2.8 HD Fixed Focus Lens
- Dual-stream • WDR • BLC • Dual Filter ICR
- 4000V Lightning • **1 IR Array** LED up 30M,
- Built In PoE & 12VDC • ONVIF Supported

Other Featured Models :

AM-DM2061-FMA2   **2.0 MP**
1920x1080P, 2.8mm,
Dual Filter ICR, PoE,WDR,
2 Array LED 50M

AM-DM1361-FMA2   **1.3 MP**
1280x960P, 6.0mm,
Dual Filter ICR, PoE,WDR,
2 Array LED up to 50M

AVTRON
Vision Redefined

3.0 MP / 2.0 MP IP Camera
2.0 MP CCTV Lens

MONARCH 2.0 MP

iCRYSPro

AM-EM2063-FMR3
Full HD Fixed IP IR In/Outdoor Dome Camera

- 1/2.8" Exmor Sensor • Full HD 1920x**1080P**
- H.264(Main/Baseline) / MJPEG Compression
- **Built in iVA** • 6.0 mm Fixed Focus Lens
- Triple Stream • **ROI** • **Corridor Mode**
- WDR Policy • BLC • Dual Filter ICR
- 4000V Lightning • Night Vision up to **25 M**
- Built In PoE & 12VDC • ONVIF Supported
- IP66

Other Featured Models :

AM-EM2013-FMR1   **2.0 MP**
AM-EM1313-FMR1   **1.3 MP**
2.8mm, ROI, Corridor,
WDR, PoE, IVA,
Dual Filter ICR,
15 IR LED 20M

AM-EM1363-FMR3   **1.3 MP**
1280x960P, 6mm,
Dual Filter ICR, PoE,
IVA, ROI, WDR,
36 IR LED 25M

MONARCH 3.0MP

iCAMPro

AM-S3066-VMR1
QXGA 3.0MP IP IR Vandal Dome Camera

- 1/2.8" Exmor Sensor • QXGA 2048 X**1536P**
- WDR • 3.3 ~ 10mm DC IRIS • Triple Streaming
- H.264/MPEG4/MJPEG • Micro SD
- **USB Slot** • **2 Way** Audio,
- Support 12V DC & PoE(802.3af)
- ONVIF Supported

Other Featured Models :

AM-S2064-VMR3   **2.0 MP**
3.3 - 10mm DC IRIS,
2-Way Audio, SD,
30pcs IR LED 30M,
IP66,

AM-SM1318-NM   **1.3 MP**
C/CS Mount Lens,
SD, Alarm, Audio

ATOM CCTV LENS

iCRYSPro

AA-2812-DIVM
2.8 ~ 12.0MM CS Mount Lens

- **Full HD 2.0MP** DC IRIS Varifocal Lens
- **2.8 to 12** MM
  F1.4 • **1/3" CCD** Support • Optical Glasses
- MOD 0.2MM
- Angle Of Viewing(D*V) 93°x28.7°

Other Featured Models :

AA-3080-DIVM   **2.0 MP**
3.0 to 8.0MM,
2.0MP, F1.4

AA-0550-DIVM   **2.0 MP**
5.0 to 50.0MM,
3.0MP, F1.4

AVTRON
Vision Redefined

2.0 MP IP IR Speed Dome Camera
PoE Network Video Recorder

MONARCH 2 MP, 30X

iCRYSPr⊕

AM-FD6255-R1L30

Full HD IR IP Speed Dome Camera

- 1/2.8" 2.0MP Exmor Sensor,
- 30x optical & 12x Digital • 1920x1080P
- Built IN IVA, **Auto Tracking** • WDR • SNR
- DSS • AUTO ICR • 255 preset • OSD
- Fan • heater • **Wiper** • SD card
- 14pcs array LEDs up to 180M
- ONVIF S Supported • IP66

Other Featured Models :

AM-FD6255-R1T30
2.0MP,
30X optical & 16X Digital,
180M, iVA
`2 MP, 30X`

AM-HD6255-T2
1.3" CMOS, 1.3MP,
20X optical & 16X Digital,
Alarm, iVA
`1.3MP, 20X`

MONARCH 2 MP, 20X

iCRYSPr⊕

AM-FD2255-R1T20W

HD IP IR Speed Dome Camera

- 1/2.8" 2.0MP Exmor Sensor,
- 20x optical & 16x Digital • 1920x1080P
- Built in IVA, Built iN **Wiper** • WDR • DNR
- DIS • AUTO ICR • 255 preset • OSD
- Fan • heater • SD card
- 10pcs array LEDs up to 120M
- ONVIF S Supported • IP66

Other Featured Models :

AM-HD2255-R1T20
1.3MP,
20X optical & 16X Digital,
iVA, Defog, WDR &
Many More
`1.3MP, 20X`

AM-HD2255-R1T30W
2.0MP,
30X optical & 16X Digital,
120M, iVA
`2.0MP, 30X`

MONARCH 6 MP~HD

iCRYSPr⊕

AM-S208-FHD-PE

8CH Full HD PoE NVR

- 4/8CH @ 1080P(Full HD) Recording & Viewing
- Supported Resolution **6MP**/5MP/3MP/1080P/
  UXGA/720P/VGA/4CIF
- Supported bandwidth throughput **160MBPS**
- Intelligent Video Analysis • All Port **PoE** power
- 2SATA Port • HDMI • RJ45(1G) • VGA
- ONVIF Compliant

Other Featured Models :

AM-S216-FHD-PE
16CH @ 1080P,
Built in 8CH PoE,
iVA, HDMI & VGA,
160MBPS, 4HDD(Optional)
`PoE`

AM-S104-FHD-PE
4CH 1080P with 4CH PoE
80MBPS, 32 Remote Users,
HDMI, VGA
`PoE`

AVTRON
Vision Redefined

Network Video Recorder

MONARCH 5 MP~HD

iCRYSPr⊕

AM-P1664-FHD

64CH Full HD Intelligent Analysis NVR

- 64CH @ **1080P**(Full HD) ~ **720P**(HD)
  Recording & Live Viewing
- Supported Resolution 5MP/3MP/1080P/
  UXGA/720P/VGA/4CIF
- RAID • JBOD • E-SATA • N +1 Hot Standby
- Up to **16CH** Playback
- **I**ntelligent **V**ideo **A**nalysis (Trip wire, Perimeter)
- **16SATA** Port • **2**X**HDMI** • **2**X**RJ45**(1G)
- **USB3.0** • VGA • **ONVIF** Compliant

Other Featured Models :

AM-i816/32-FHD
32CH/16CH @ 1080P
Dual HDMI & RJ45
8HDD*4TB,
IVA, 312MBPS

AM-i216-FHD
16CH @ Full HD1080P
HDMI & RJ45,
2HDD*4TB, IVA,
128MBPS

MONARCH Full HD~HD

iCRYSPr⊕

AM-S416-FHD

16CH Full HD Embedded NVR

- 16CH @ **1080P**(Full HD), **960P**(1.3MP),
  720P(HD) Recording & Live Viewing
- Up to **16CH** Playback
- **4HDD** * 4TB
- **SMART HDD** Management
- Alarm In/Output
- **HDMI**, VGA, 2 X USB
- **ONVIF** Supported

Other Featured Models :

AM-S2-FHD Series
1080P/960P/720P,
2HDD*4TB,
HDMI

AM-S104-FHD
4CH 1080P/720P
1CH Playback
1 HDD, HDMI

ATOM 5MP~HD

iH3
Intelligent • Hybrid • 3G

AA-L216-FHD

16CH 960P Embedded NVR

- 16CH @ **960P**(HD)
- 8CH @ **1080P**(Full HD) Recording & Viewing,
- Supported Resolution **5MP**/3MP/1080P/960P
- 4CH Playback • 2SATA Port • **E-SATA**
- **Advanced HDD** Mode(Reduanant, Backup,
  Snapshot Partition)
- HDMI • RJ45(1G) • USB3.0 • VGA
- ONVIF Compliant

Other Featured Models :

AA-L232-FHD
32CH@ 960P,
24CH@ 1080P
16Ch Playback, 3G/Wifi,
DDNS, Cloud Monitor,
up to 4TB Each Supports

AA-L104/8-FHD
4/8CH @ 1080P
1/4CH playback, 3G,
DDNS, Cloud Monitor
up to 4TB Each Supports

AVTRON
Vision Redefined

AHD 2.0 MP to 1.0 MP Camera

AVTRON
Vision Redefined

Tribrid Video Recorder

ATOM AHD-2MP

AA-2033P-FMR3

AHD 2.0MP Fixed Lens IR Dome Camera

- **1/2.8"** Exmor Sensor • 1920x**1080P**
- 3.6MM Mega Pixel Lens
- Dual Video Output Mode(AHD + CBVS Video)
- AHD Video Over Co-Ax 500M • 0.01 Lux
- **36IR** LED up to 25M• TDN Vision HD Mech ICR
- **OSD** Control• D-WDR• Defog Smart IR
- 2D&3D DNR • HLC • Mirror/Flip
- Privacy Masking & Many More

Other Featured Models :

AA-2041P-FMA2
24IR LED 20M, OSD, D-WDR, 3DNR, Defog, 3.6MM, IP66

AA-2003P-FM
OSD, D-WDR, 3DNR, Defog, 3.6MM

AA-2050P-FMR4
2.8-12MM, 42IR LED, 40M, 3Axis, IP66, OSD

ATOM AHD-1.4MP

AA-1341P-FMR2

AHD 1.4MP Fixed Lens IR Bullet Camera

- **1/2.8"** Exmor Sensor • 1280x**1024P**
- Dual Video Output Mode(AHD + CBVS Video)
- AHD Video Over Co-Ax 500M • **0.3 Lux**
- 36IR LED up to 25M • 3.6MM Mega Pixel Lens
- True Day/Night Vision By HD Mech ICR
- **OSD** Control• D-WDR• Defog• Smart IR
- 2D&3D DNR • **HLC**• Mirror/Flip
- Privacy Masking • **IP66**

Other Featured Models :

AA-1333P-FMR3
36 IR LED 30M, OSD, D-WDR, 3DNR, Defog, 3.6MM

AA-1332P-FMR3
1 Array LED 25M, 3.6MM, OSD, IP66, Metal Dome

AA-1314P-VMR3
2.8-12MM, 36IR LED, 30M, 3Axis, IP66, OSD

ATOM AHD-1MP

AA-1051P-VMR7

AHD 1.0MP Varifocal Lens IR Bullet Camera

- **1/4"** Image Sensor • 1280x**720P**
- Dual Video Output Mode(AHD + CBVS Video)
- AHD Video Over Co-Ax 500M • **0.3 Lux**
- **72IR** LED up to 50M • 2.8~12.0MM MP Lens
- True Day/Night Vision By HD Mech ICR
- **OSD** Control• D-WDR • Defog
- **Smart IR**, 2D&3D DNR • IP66

Other Featured Models :

AA-1033P-FSR3
36 IR LED 30M, D-WDR, 3DNR, Smart IR, 2.8MM

AA-1041P-FSR2
24IR LED 20M, D-WDR, 3DNR, 3.6MM, IP66

AA-10143P-FSR3
36 IR LED 30M, D-WDR, 3DNR, Smart IR, 6.0MM, IP66

ATOM AHD-DVR

iH3 Intelligent • Hybrid • 3G

AT 0616V-H8D

16CH AHD Tribrid Video Recorder

- H.264 Compression • TRIBRID Support
- Auto Select Video Input for AHD or Analog
- **Analog(AHD)** : 16CH @ 720P or WD1 Real Time Recording • **Analog+IP**(HVR): 8CH in Mix 4CH + 4CH IP • **IP(NVR)**: 2/4/8 CH IP Camera input • 4CH Playback
- 6CH Audio • 2HDD * supports 4TB Each
- Cloud Monitor • 3G/WIFI • DDNS • CMS
- Mobile • HDMI+VGA

Other Featured Models :

AT 0404V-H8D
4CH @ 720P or 960H
4CH Playback, 4CH Audio
1HDD,

AT 0608V-H8D
8CH @ 720P or 960H
8CH Playback, 6CH Audio,
1HDD,

ATOM AHD-DVR

iH3 Intelligent • Hybrid • 3G

AT 0404V-H4D

4CH AHD Tribrid Video Recorder

- **H.264** Compression • TRIBRID Support
- Auto Select Video Input for AHD or Analog
- Analog(AHD) : 16CH @ 720P or WD1 Real Time Recording • Analog+IP(HVR): 8CH in Mix 4CH + 4CH IP • IP(NVR): 2/4/8 CH IP Camera input • 1CH Playback
- **4CH** Audio • 1HDD * supports 4TB Each
- Cloud Monitor • 3G/WIFI • DDNS • CMS
- Mobile • HDMI+VGA

Other Featured Models :

AT 0408V-H4D
8CH @ 720P or 960H
1CH Playback, 4CH Audio
1HDD,

AT 0832V-H16D
32CH @ CIF
16CH @ IP or 8CH Hybrid Mode
8 Ch Audio, 2HDD

ATOM AHD-DVR

iH3 Intelligent • Hybrid • 3G

AT 0608V-FHD

4CH / 9CH IP Hybrid Video Recorder

- H.264 Compression • TRIBRID Support
- Auto Select Video Input for AHD or Analog
- Analog(AHD) : 8CH @ 1080P/720P or WD1 Real Time Recording • Analog+IP(HVR): 8CH in Mix 4CH + 4CH IP • IP(NVR): 2/4/8 CH IP Camera input • 8CH Playback
- **6CH** Audio • 2HDD * supports 4TB Each
- Cloud Monitor • 3G/WIFI • DDNS • CMS
- Mobile • HDMI+VGA

Other Featured Models :

AT 0404V-FHD
4CH @ 1080P/720P or 960H
4CH Playback,
4CH Audio
1HDD,

AT 0616V-FHD
16CH @ 1080/720P or 960H
Multi CH Playback,
6CH Audio
2HDD,

AVTRON
Vision Redefined

720 TVL / 700 TVL / 23X Camera

MONARCH 720 TVL

AM-7225P-FMR1

2" Compact IR Metal Dome Camera

- 1/3" **960H** Super HAD II CCD
- **720 TVL**
- **8pcs** Hi Sensitive IR LED
- 0.5 Lux • 0 Lux @ IR ON
- **OSD** Menu
- D-WDR • 2DNR • AGC Control
- Flicker Free & Many More
- Low Power Consumption
- **3.6MM** IR Coated Lens

Other Featured Models :

AM-7205P-FM
OSD, 3.6MM Lens,
3 Axis Dome

AM-7222P-FM
3.6MM Pinhole Lens,
OSD

MONARCH 750 TVL

AM-EP7562P-VMR6

True WDR IR Bullet Camera

- 1/3" **960H** Double Scan CCD • 750TVL
- **TRUE WDR** • Super Low 0.03Lux@B/W
- 2D + 3DNR • BLC/HSBLC • **OSD** Control
- **2.8 ~ 12.0MM** DC Auto IRIS
- 512X Sens up • **16X** Digital Zoom
- 12VDC/(24VAC Optional)
- **IP66** with Cable Managed Cobra Bracket

Other Featured Models :

AM-EP708P–NM
C/CS Mount,
OSD, RS485

AM-EP706P–VMR1
18 IR LED, 2.8~10,
3 Axis / RS485

AM-EP-7065P-VMR1
18IR LED, 2.8 ~ 10,
IP66, Vandalism,
RS485

MONARCH 23X

AM-5256-OS23

Speed Dome Camera

- **23X** Optical/16X Digital Zoom • WDR
- SNR • DSS • AUTO ICR • **256** preset
- **OSD** • Lightning Protection
- Video/Power/RS485 • Built in Power Box
- 220VAC • Fan/Heater
- **Anti Fogging** Device
- **IP66** Outdoor with Wall Mount Bracket,

Other Featured Models :

AM-5256-OS/OH
OS27/37X Optical,
16X Digital,
OH23/30/35X Optical,
12X Digital

AM-7256-R1
23/27/37X Optical,
16X Digital,
12IR Array LED, 120M

AVTRON
Vision Redefined

IR Dome / Bullet / Speed Dome Camera

ATOM 820 TVL

AA-8233P-FSR3

960H PIS IR Fixed Lens 3 Axis Dome Camera

- 1/3" **960H** PIS Sensor
- 820 TVL • Auto WDR • DNR
- **36IR LED** upto 25M • 0 Lux @ IR On
- 3.6MM (2.8, 6.0MM Optional)
- **SMART IR**
- True Day/Night Vision By **Mech ICR**
- 3 Axis ABS Enclosure
- OSD (Optional)

Other Featured Models :

AA-8203P-FM
3.6MM , OSD Control,
Auto WDR

AA-8232P-FMA1
1 Array LED 25M,
3.6MM, OSD, IP66,
Metal Dome

AA-8244P-FSR2
24IR LED 22M,
3.6MM, IP66

ATOM 720 TVL

AA-7249P-VMR7

960H CCD IR Varifocal Bullet Camera

- 1/3" **960H** Color CCD • **720TVL** • D-WDR
- **SMART IR** • 2DNR • BLC/HSBLC
- **OSD Control**
- Motion Detection
- LED Light Control (**WIDE, TELE & Current**)
- 0.05 Lux • **72pcs** IR LED Up to 60M
- **2.8~12MM** Lens

Other Featured Models :

AA-7233P-FMR3
36 IR LED 30M,
3.6MM, OSD,
3 Axis

AA-7247P-FMR4
48 IR LED 40M,
3.6/6.0MM, OSD

ATOM 22X

AA-9122-OCR8

IR Outdoor Speed Dome Camera

- Effectual **22X** Optical • CCD / CMOS
- 540TVL/ 650TVL • 80~100M IR Distance
- 255 Preset
- 4 Group (16preset) • **OSD Menu**
- BLC • AWB
- Adjustable IR LED Parameter
- **IP66** Housing included Wall Mount Bracket

Other Featured Models :

AA-9110-OC
10X Optical, 10X Digital
1/3" 960H CCD, 650TVL
128 Preset, DNR, DSS

AA-9123-OC
27X Optical,
12X Digital,
1/3" 960H CCD, 650TVL,
128 Preset, DNR, DSS