



A Venture of ADIT GROUP

Product Catalogue



AUDIO | VIDEO | THERMAL | UTP

AVTRON Technologies LLC, a US based Company that specializes in Designing, Developing and Manufacturing of Video Surveillance Systems, Thermal Imaging Cameras, UTP Video Solutions and Public Address System. Since 2006, 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 client's needs effectively.

We have consistently developed the most advance line of CCTV Products 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.

Avtron Thermal Camera product range comes with advanced and latest features which meet all in one wide variety of surveillance needs. The unique features of the products are high performance Thermal Sensor, fixed and motorized Lens, Onvif compatibility, DVE and many more. This product is the ultimate solution for Defense & Security projects, Pipeline transport sector, Industrial and Commercial applications for reliable detection & fast verification and allows the operator to detect and act on suspicious activity 24X7.

Avtron is dedicated to provide intelligent and reliable solutions for Public Address systems. We are one of the leading commercial & pro audio sound manufacturer for IP Speakers, IP PA and SIP PA, EVAC (Emergency Voice Evacuation) System, Various types of Speakers, Amplifier, Digital and Analog PA & Paging System, Wired/Wireless Conference System, Microphone, Volume Controller, Accessories etc. This system is used for announcements in high risk areas, emergency broadcast, and evacuation guidance that is ideal for multiple applications like professional solutions for Corporates, Hospitals, Schools, Institutions, Shopping Centers, Railway & Bus Stations, Stadiums, Airports, Critical industrial and explosive environments.

Moreover, we have a product range that includes HDMI Extenders, Splitters, Switches, Converters and Matrix, which are widely used in Hospitality, Entertainment, Education, Digital Signal, Conference System, Domestic use, CCTV Surveillance and many more.

We proudly manufacture UL, CE, FCC, BIS certified CCTV products along with RoHS compliance, and our public address systems are compliant with EN 54-16, BS5839. Rigorous QC processes that are implemented in our manufacturing process yields the consistent quality product that we are proud, resulting in a quickest support on our products. We have global presence throughout North America, Latin America, Europe, Africa, Asia and Middle East.

With huge experience of the relevant Industry, we offer a wide range and high quality products at competitive price to meet different requirements for industry applications. Our goal is to provide innovative products and services technology that always serves a purpose.



Thermal Solutions

| | |
|--|---|
| D1/CIF Thermal Imaging 2MP Bispectral IP Cameras | 5 |
|--|---|

Video Solutions

| | |
|---|----|
| 12MP - 5MP Panoramic/Fisheye IP Cameras | 7 |
| 5MP - 2MP Darkwarrior Ingenious IP Cameras | 9 |
| 2MP - 8MP Smart IVA IP Cameras | 11 |
| 5MP - 2MP IP PTZ Cameras(Autotracking, Virtual Guard) | 13 |
| 320CH - 5CH H.265 + 4K Embedded NVRs | 15 |
| 8MP(4K) - 2MP All in One HD Analog Cameras | 17 |
| H.265 + Pentabrid Stand Alone DVR/NVR | 18 |
| H.265/H.264 M-DVR | 18 |
| VDP, Lens & Accessories Products | 19 |
| Body Worn Cameras Solution | 21 |
| Mobile DVR & NVR Surveillance Solution | 22 |

Audio Solutions

| | |
|---|----|
| Ceiling, Wall, Column, Horn Speakers | 26 |
| Bluetooth, Active, IP, Garden, Pendant, Projection Speakers | 26 |
| Zone Paging, Power, Mixer, Desktop Amplifier | 28 |
| Basic Zone Paging System | 28 |
| Digital PAVA, EVAC Alarm System | 34 |
| IP Public Address System | 32 |
| SIP Public Address System | 30 |
| Intelligent Paging & Analog PA System | 36 |
| Analog Public Address System | 36 |
| Wireless Conference System | 38 |
| Wired Conference System | 38 |
| Volume Controller, Microphone & Accessories | 40 |

UTP Solutions

| | |
|-------------------------------------|----|
| HDMI Extender, Switcher & Converter | 42 |
| UTP Video Balun | 42 |

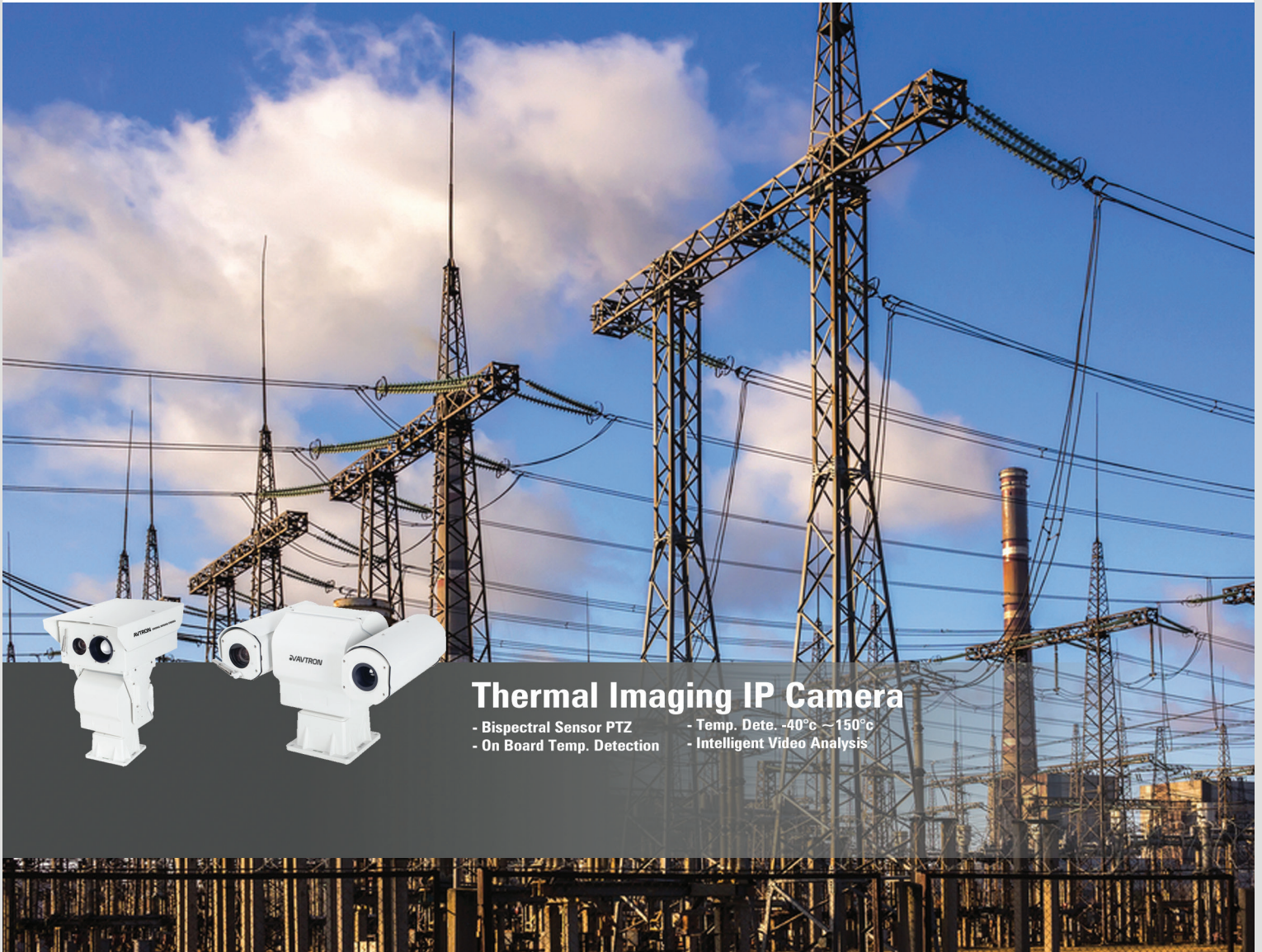
Technical Guide

| | |
|---|----|
| Application of Two-Way Intercom, ANR(Automatic Network Replenishment) | 8 |
| Sector Wise Solutions | 10 |
| Advanced 18 Video Analytics | 16 |
| Integration of Mobile Video Surveillance, Bodyworn Cameras | 20 |
| Camera Features WDR, 3NDR, Smart IR, ROI | 22 |
| Selection Guide for Speaker & Amplifier | 27 |
| EVAC System | 29 |
| SIP Based PA System | 33 |

About us

| | |
|-------------------------|--------|
| Company Profile | 2 |
| Support Information | 39 |
| Prestigious Client List | 43~ 44 |

Work Beyond Human Eyes



Thermal Imaging IP Camera

- Bispectral Sensor PTZ
- Temp. Dete. -40°C $\sim 150^{\circ}\text{C}$
- On Board Temp. Detection
- Intelligent Video Analysis

Bispectral PTZ IP Camera

AM-TS01121-MM

Features :

- Bispectral Thermal & CMOS Sensor
- Onboard temp. detection
- 400×300pixels @30fps, 2MP 30x Optical
- 40mk/f1.0 at 300k, wavelength 8 ~ 14μm
- 25mm(opt.50/75/100mm) motorized lens
- Pan/Tilt/Zoom, IP66, Audio, Alarm, SD Slot (Opt.640×512@60fps)



Bispectral PTZ IP Camera

AM-TS01122-FMM

Features :

- Bispectral Thermal & CMOS Sensor
- Onboard temp. detection
- 400×300pixels @30fps, 2MP 30x Optical
- 40mk/f1.0 at 300k, wavelength 8 ~ 14μm
- 25mm(opt.50/75/100mm) motorized lens
- Pan/Tilt/Zoom, IP66, Audio, Alarm, SD Slot (Opt.640×512@60fps)



Thermal Bullet IP Camera

AM-TS0140-FM

Features :

- Uncooled IRFPA Microbolometer
- Temp. detc. -40 °c ~ 150 °c
- 400×300pixels @30fps, 50mk/f1.0 300k
- 8mm Lens (Opt.15/25/35/50mm)
- Wave Length 8 ~ 14μm, D1, H.265
- Temp. Detection 160m ~ 1000m
- NAS, Audio, Alarm, BNC Out, SD Slot



Thermal Bullet IP Camera

AM-TS0340-FMM

Features :

- Uncooled IRFPA Microbolometer
- Temp. detc. -40 °c ~ 150 °c
- 640×512 pixels @60fps, 50mk/f1.0 300k
- 8mm Lens (Opt.15/25/35/50mm)
- Wave Length 8 ~ 14μm, D1, H.265
- Temp. Detection 160m ~ 1000m
- NAS, Audio, Alarm, BNC Out, SD Slot



Thermal BOX IP Camera

AM-TS0155-FMM

Features :

- Powerful Uncooled IRFPA Microbolometer
- 400×300 pixels@30fps
- Pixel pitch 20μm, 50mk/f1.0 300k
- Supported Motorized Focus and Fixed Lens
- Fixed 8/15/25/35/50mm Focal Lens at f.10
- Motorized 8/25/50/75/100/150mm Focal Lens
- NAS, Audio, Alarm, SD Slot, PoE



DEFOG

Defog Compensation Dynamic Control Contrast consent to watch in adverse weather conditions like fog rain snow etc.



APPLICATIONS

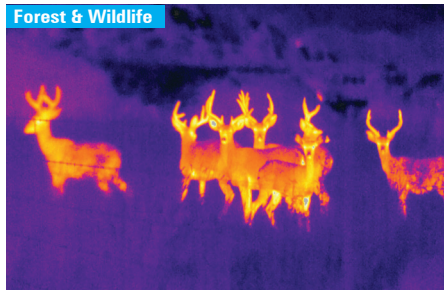
Factories & Pipelines



Commercial & Industrial



Forest & Wildlife



360° View



Panoramic/Fisheye IP Camera

- 800M IR Laser
- Advanced Early Warning
- Panoramic Auto-Tracking & VCA
- 1G LAN, GPS, WIFI

8pcs 2MP IP Cameras



4K Fixed Fisheye IP

AM-SF1299-PVR1 12MP

Features :

- 4K 12MP 4000×3072 @20fps
- 1.8mm Lens, De-Warping, H.265+
- Two-Way talk (MIC/Speaker)
- 18 IVA(Face Detection), 0.002Lux
- 10M IR, ONVIF, Alarm, Audio, SD Slot
- 12VDC/PoE, Vandal IK10, IP66



4K Panoramic IP PTZ

AM-K7255-R4U44-FSR 16MP

Features :

- 4K 16MP 4096 × 1800(2) Sensor@30fps
- Panoramic 180°, 2MP @ 60fps
- 44X Optical, 16X Digital, 0.0004Lux
- Panorama, Auto, Manual Tracking,
- Wiper, Speaker, White Light, 800M IR
- ONVIF, SD Card, Alarm, Audio, IP66
- (Opt. Thermal 1KM)



4K Panoramic IP PTZ

AM-K7255-R4U44-FSR 8MP

Features :

- 4K 4096 × 1800 Sensor@30fps
- Panoramic 180°, 2MP @ 60fps
- 44X Optical, 16X Digital, 0.0004Lux
- Panorama, Auto, Manual Tracking
- Wiper, Speaker, White Light, 800M IR
- ONVIF, SD Card, Alarm, Audio, IP66
- (Opt. Thermal 1KM)



360°Multi Sensor Camera

AM-HM3236-PV 32MP

Features :

- 32MP Multi Sensor, 2.2mmLens
- Edge Stitching 25fps@7680×4320
- 360° x 360° Viewing, De-Warping
- 0.002Lux(Color), 10M IR
- 2MIC, Audio, Alarm, IP66
- ONVIF, 12VDC/PoE



4K Fixed Fisheye IP

AM-SF12120-PVR1 12MP

Features :

- 4K 12MP 4000×3072 @20fps
- Fisheye 1.8mm Lens, De-Warping
- MIC, Audio, Alarm, SD Slot
- IVA, 0.002Lux(Color), H.265+
- 10M IR, ONVIF, DC12V/POE/AC24V
- Vandal IK10, IP67



Fixed Fisheye IP Camera

AM-SF0595-PVR1 5MP

Features :

- 2560x1920 @30fps, H.265+
- Fisheye 1.5mm Lens, Soft De-Warping
- MIC, SD Slot, Audio, Alarm
- IVA, Onvif, 10M IR, D-WDR, 3DNR
- 3DNR, TDN, ROI, HLC, DIS, Motion
- 12VDC/PoE



APPLICATIONS

Parking Lot



Library & Auditorium



Exhibition & Warehouse



Two-Way Intercom ANR (Automatic Network Replenishment)

TWO-WAY
INTERCOM



SPEAKER



MIC



ANR Automatic Network Replenishment

When Network is connected, Camera Video records directly in NVR



When Network Disconnected, Camera Stops recording in NVR



It Start recording in Local SD Card of IP Camera

When Network is Reestablished, Camera starts sending recorded video to NVR

Two-Way Darkwarrior IP Camera

2-WAY Motorized Bullet

AM-SM5060-MMR5 5MP

Features :

- Two-Way Comm.(MIC/Speaker)
- 2592x1920P@20fps, H.265+
- 18 IVA Face Detection, Object, Crowd, etc.
- 120dB WDR,TDN, HLC, 0.002Lux(Color)
- 80M IR, 2.8 ~ 12mm Motorized
- SD Slot, Alarm, 12VDC, PoE, IP67

Opt. Model: 2MP 1920x1080P 30fps



Smart Fixed Bullet

AM-DM5064-FMA2 5MP

Features :

- SD Card, 2592x1920P20fps
- H.265+, 10 IVA, 120dB WDR
- TDN, ROI, 0.002Lux(Color), 30M IR
- 4.0mm Lens, IP67, 12VDC,PoE
- Onboard RJ-45, Bracket

Opt. Model: 2MP 1920x1080P 30fps



Eco ExIR Dome

AM-UM5009-FMA1 5MP

Features :

- 2592x1920P@20fps, H.265+
- 30M IR, 2.8mm Lens, IP66
- 120dB WDR, 0.002Lux(Color)
- 3DNR, TDN, ROI, HLC, DIS, Motion
- 12VDC,PoE

Opt. Model: 2MP 1920x1080P @30fps



2-WAY Motorized Dome

AM-SM5030-MMR5 5MP

Features :

- Two-Way Comm.(MIC/Speaker)
- 2592x1920P@20fps, H.265+
- 18 IVA Face Detection, Object, Crowd, etc..
- 120dB WDR,TDN, HLC, 0.002Lux(Color)
- 30M IR, 2.8 ~ 12mm Motorized,IP66
- SD Slot, Alarm, 12VDC, PoE, IK10

Opt. Model: 2MP 1920x1080P 30fps



Smart Vandal Dome

AM-DM5035-FMR1 5MP

Features :

- MIC, 2592x1920P@20fps,
- H.265+, 10 IVA, 120dB WDR,
- TDN, ROI, 0.002Lux(Color), 30M IR
- 2.8mm Lens, SD Slot, ANR, IP67
- 12VDC,PoE, IK10, Onboard RJ-45

Opt. Model: 2MP 1920x1080P 30fps



Pro BOX (C/CS Mount)

AM-UM2054-NM 2MP

Features :

- 1/1.8" Sensor, 0.0004Lux(Color)
- 1920x1080P@ 60fps, H.265+
- 140dB WDR, 18IVA(Face Detection)
- TDN, ROI, HLC, RTSP/ONVIF
- Supports C/CS Mount Auto IRIS Lens
- SD Slot, Alarm, Audio, PoE



Smart Fixed IP Bullet

AM-SM5067-FMA2 5MP

Features :

- 2592x1920P@20fps, H.265+
- IVA Face Detection, Object, Crowd, etc.
- 120dB WDR,TDN, ROI, 0.002Lux(Color)
- 50M IR, 4.0mm Lens, IP67
- SD Card, Alarm, Audio, 12VDC, PoE

Opt. Model: 2MP 1920x1080P 30fps



Eco Fixed Bullet

AM-UM5069-FMA2 5MP

Features :

- 2592x1920P@20fps, H.265+
- 120dB WDR, 0.002Lux(Color)
- 3DNR, TDN, ROI, HLC, DIS, Motion
- 50M IR, 4.0mm Lens, IP67
- 12VDC,PoE, Bracket

Opt. Model: 2MP 1920x1080P 30fps



20X Optical IP Bullet

AM-FD2020-MA6-W 2 MP

Features :

- 1920x1080P@30fps
- 20X Optical, 140dB WDR
- H.265+, 0.002Lux(Color), 10 IVA
- 3DNR, De-Fog Control, BLC/HLC
- 120M IR, White LED, RS485, BNC
- SD, Alarm 3In/2Out, 24V AC



APPLICATIONS

Banks & Hospitals



Hotels & Showrooms

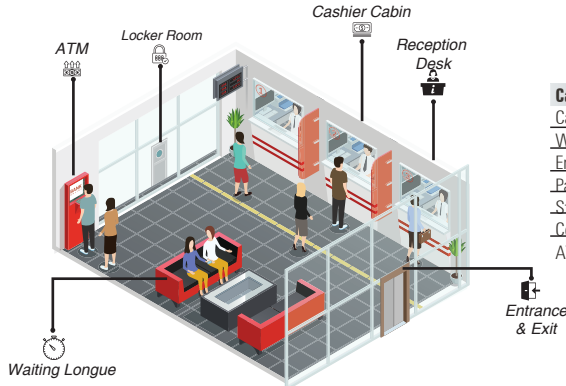


Government Offices



Sector Wise Solutions

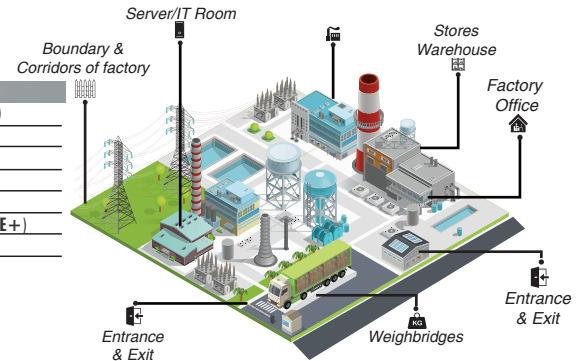
Banking & Finance Institutions



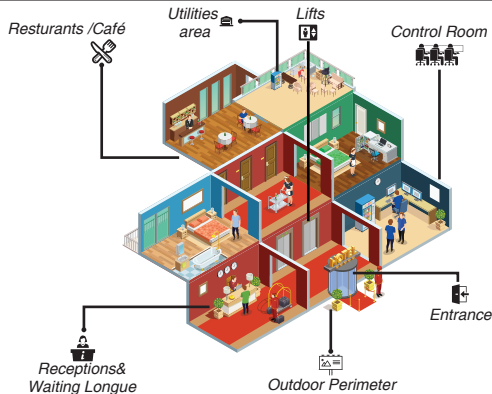
| Camera Location | Proposed Models |
|-----------------------|---|
| Cashier Cabin | AM-DM5035-FMA1(5MP, MIC, SD Card, IK10) |
| Waiting & Reception | AM-DM2009-FMA1(IVA, Wide Viewing) |
| Entrance & Exit | AM-UM2030-MMR3(Motorized, MIC, SD Card, Alarm, IK10) |
| Parking & Boundary | AM-SM2060-MMR5(Motorized, SD Card, Audio, Alarm, IK10) |
| Storage & Locker Room | AM-DM4035-FMR1(4MP, MIC, SD Card, IK10) |
| Control Room | AM-P1680-UHD(16HDD, 80CH, 2xRJ-45, Video Wall) |
| ATM Room | AA-HM20220-PM(Pinhole Lens)/AM-DM2009-FMA1(Indoor), AM-DM2069-FMA1(Outdoor) |

Industries & Warehouses

| Camera Location | Proposed Models |
|--------------------------|--|
| Entrance & Exit | AM-SM5060-MMR5(5MP, WDR, Motorized, SD, Alarm, IK10) |
| Production Plant | AM-SF1299-PVR1(Fisheye 360°)/AM-SM2060-MMR5 |
| Loading & Unloading Bays | AM-SM5060-MMR5 |
| Stores & Warehouse | AM-DM2069-FMA1, AM-SM2060-MMR5(4MP/2MP) |
| Factory Office | AM-DM2009-FMA1, AM-DM2030-MMR3(4MP/2MP) |
| Boundary & Corridors | AM-UM2060-MMR5, AM-FD2500-R1U20(20X, 150M IR, PoE+) |
| Weighbridges | AM-SM4060-MMR5(4MP, WDR, Motorized, Alarm, IP67) |
| Server/IT Room | AM-i440-UHD(40CH), AM-i880-UHD(80CH), AA-4XIP-FF(Onvif Keyboard) |



Hotels, Hospitals & Commercial Centers



| Camera Location | Proposed Models |
|---------------------|---|
| Floor & Lift Lobby | AM-DM5035-FMA1(5MP, MIC, SD Card, IK10) |
| Entrance | AM-UM2030-MMR3(Motorized, MIC, SD Card, Alarm, IK10) |
| OT Rooms | AM-UM2035-FMR1(2MP, MIC, SD Card, IK10) |
| Waiting & Reception | AM-UM2030-MMR3/AM-UM2015-FMR1 |
| Lifts | AM-UM2015-FMR1(WiFi dome, MIC, SD Card) |
| Outdoor Perimeter | AM-SM2060-MMR5(Motorized, SD Card, Audio, Alarm, IK10) |
| Parking area | AM-UM2060-MMR5 & AM-FD2500-R2U33(33X, 2MP, 150M IR) |
| Utilities rooms | AM-DM4035-FMR1(4MP, MIC, SD Card, IK10) |
| Restaurants & Café | AM-UM2035-FMR1(2MP, MIC, SD Card, IK10) |
| Control Room | AM-i880-UHD(8HDD, 80CH, 2xRJ45/HDMI), Keyboard Controller |

Motorized Bullet

AM-SM2060-MMR5 2MP

Features :

- 1920x1080P @30fps, H.265+
- Motorized 2.8 ~ 12mm, 120dB WDR
- 3IVA, TDN, 3DNRCorridor, De-Fog
- HLC/BLC, 50MR, RTSP/ONVIF
- ANR, SD/USB, Alarm In, AudioIn/Out
- PoE(802.3af), IP67, 3 Axis Bracket

Opt. Model: 4MP, 6MP, 8MP, 10IVA



Motorized Vandal Dome

AM-SM2030-MMR3 2MP

Features :

- MIC, 1920x1080P @30fps, H.265+
- Motorized 2.8 ~ 12mm, 120dB WDR
- 3IVA, TDN, 3DNRCorridor, De-Fog
- 30MIR, RTSP/ONVIF, ANR, SD/USB
- Alarm In, AudioIn/Out
- PoE(802.3af), IP67, 3 Axis Bracket

Opt. Model: 4MP, 6MP, 8MP, 10IVA



Cableless Vandal Bullet

AM-DM2064-FMA2 2MP

Features :

- SD Card, 1920 x 1080P @30fps
- H.265+, Super 100dB WDR
- 2IVA, 3DNR, TDN, ROI, HLC, ANR
- Smart IR, 30MIR, RTSP/ONVIF
- 4.0mm Lens, IP67, 12VDCPoE
- On board RJ-45, 3 Axis Bracket



Eco Smart Fixed Bullet

AM-DM2069-FMA1 2MP

Features :

- 1920 x 1080P @30fps
- H.265+, Super 100dB WDR
- 3DNR, TDN, ROI, HLC, ANR
- Smart IR, 30MIR, RTSP/ONVIF
- 4.0mm Lens 89°, 12VDC
- PoE, IP67, 3 Axis bracket

Opt. Model: 4MP, 6MP, 8MP, 10IVA



Smart IVA

AM-DM2009-FMA1 2MP

Features :

- 1920 x 1080P @30fps
- H.265+, Super 100dB WDR
- 3DNR, TDN, ROI, HLC, ANR
- Smart IR, 30MIR, RTSP/ONVIF
- 2.8mm Lens 105°, 12VDC
- PoE, IP66, 3 Axis bracket

Opt. Model: 4MP, 6MP, 8MP, 10IVA



Fixed Smart IVA

AM-DM2035-FMR1 2MP

Features :

- Face Detection, MIC, SD Card
- 1920 x 1080P at 30fps, H.265+
- Super 100dB WDR, 2IVA, 3DNR,
- TDN, ROI, HLC, Smart IR, 30MR
- RTSP/ONVIF, 4.0mm Lens, 12VDC
- PoE, Onboard RJ-45, IK10, IP67



Genetec™

ONVIF®

milestone

AVIGILON BLUE™

AllGoVision
see. sense. secure

Mindtree
Welcome to possible

VIDEONETICS

APPLICATIONS

Public Facilities



Showrooms & Shops



Offices & Residentials



Advanced Virtual Guard Technology



Advanced Auto Tracking High Speed IP PTZ Camera

20X 0.002lux Smart IP PTZ

AM-FD2500-R1U20 2MP

Features :

- 1920x1080P @30fps, 60fps1.0MP
- 20X Zoom, 0.002Lux(Color)
- High 140dB WDR,HLC/BLC, 150M IR
- 10IVA, H.265+, Pan 360°/Tilt -16°
- 500Preset, Patterns/Cruise/Scan
- SD, Audio, Alarm, 12VDC/PoE+, IP66



33X Auto-Tracking IP PTZ

AM-FD2500-R2U33 2MP

Features :

- 1920x1080P @30fps, 60fps1.0MP
- 33X Zoom, 0.002Lux(Color)
- High 140dB WDR,HLC/BLC, 150M IR
- 10IVA, H.265+, Pan 360°/Tilt -16°
- 500Preset, Patterns/Cruise/Scan
- SD, Audio, Alarm, 12VDC/PoE+, IP66



30X UHD 400M IP PTZ

AM-XD2500-R4U30 5MP

Features :

- 2560x1920P @20fps, 60fps1.0MP
- 30X Zoom, 0.002Lux(Color)
- High 140dB WDR,HLC/BLC, 400M IR
- 10IVA, H.265+, Pan 360°/Tilt -16°
- 500 Preset, Patterns/Cruise/Scan
- SD, Audio, Alarm, 24VAC, IP66



44X 2MP Virtual Guard PTZ

AM-FD6255-R3U44-FSR

Features :

- 1/1.8" Sensor,1920x1080P @60fps
- 44X Zoom, 0.0004Lux(Color), H.265+
- Advanced Warning & Alert, 400M IR
- Auto-Tracking, 140dB WDR, HLC/BLC
- 18IVA(Face detection), Pan 360°/Tilt -16°
- Built-in Wiper, SD Slot, Audio, Alarm(7/2)



30X 5MP Virtual Guard PTZ

AM-XD6255-R4U30-FSR

Features :

- 2560x1920P @20fps, 60fps1.0MP
- 30X Zoom, 0.002Lux(Color), H.265+
- Advanced Warning & Alert, 400M IR
- Auto-Tracking, 140dB WDR, HLC/BLC
- 18IVA(Face detection), Pan 360°/Tilt -16°
- Built-in Wiper, SD Slot, Audio, Alarm(7/2)



4X Mini Indoor PTZ

AM-FD3355-R1U4 2MP

Features :

- 1920x1080P @30fps, 60fps1.0MP
- 4X Zoom, 0.002Lux(Color)
- Built-in Gyro, Auto-Tracking, IVA
- Advanced Warning, SD, Audio
- MIC + Speaker, White LED, Alarm
- 500 Preset, Patterns/Cruise/Scan
- 12VDC/PoE+



APPLICATIONS

Playgrounds & Parks



Industries & Warehouses



Airports & Railway Stations



Network Video Recorder (NVR)



Enterprise & Intelligent Embedded NVR

- Hot-Swappable 24HDD
- RAID60, N+M, 1.9G
- Dual SMPS
- 4xRJ-15/Optical
- IVA & Smart Search

4K Hot-Swap NVR

AM-P24320-UHD 320CH



Features :

- Upto 4K(12MP) IPC Input,
- 1.9Gb, JBOD, RAID 0 ~ 60, H.265+
- HOT-Swap 24HDD(240TB)
- 4 Port Copper(RJ45) & 4 Port 1G Optical
- 2Port x HDMI, VGA, P2P Cloud Monitoring
- Dual SMPS, N+M, Alarm, Audio, USB3.0

Opt.Model: 160CH

4K Hot-Swap NVR

AM-P1680-UHD 80CH



Features :

- Upto 4K(12MP) IPC Input,
- 600Mbps, JBOD, RAID 0 ~ 10,
- HOT-Swap 16HDD(160TB)
- H.265+, 2 RJ45, 2 HDMI, 2 VGA
- All CH IVA, P2P Cloud, ONVIF
- 64CH Display, N+M, Alarm, Audio, USB3.0

Opt.Model: 160CH

4K Intelligent RAID NVR

AM-i840-UHD 40CH



Features :

- H.265+, 8HDD (80TB)
- Upto 4K(12MP) IPC Input
- 600Mbps, JBOD, RAID 0 ~ 10
- 2 RJ45, 2 HDMI, 2 VGA, USB3.0
- All CH IVA, P2P Cloud, N+M
- 64CH Display, Alarm, Audio, ONVIF

Opt.Model: 80CH

4K Intelligent NVR

AM-i440-UHD 40CH



Features :

- Upto 4K(12MP) IPC Input
- 600Mbps, H.265+, 2 RJ45
- 4HDD, up to 40TB, N+M
- HDMI, VGA, Alarm(16/4),
- All CH IVA, P2P Cloud, USB3.0
- Audio In/Out, ONVIF, 19"

Opt.Model: 20CH

4K Intelligent NVR

AM-i220-UHD 20CH



Features :

- Upto 4K(12MP) IPC Input
- 160Mbps, H.265+, N+M
- 2HDD(20TB), IVA Process
- HDMI, VGA, Alarm Out
- P2P Cloud Mobile Monitor
- Audio In/Out, USB3.0, ONVIF

Opt.Model: 10CH

H.265+ Stand Alone NVR

AM-S110-UHD 10CH



Features :

- Upto 5MP IPC Input
- 120Mbps, H.265+
- 1HDD(10TB), IVA Process
- HDMI, VGA, Alarm Out, ONVIF
- P2P Cloud Mobile Monitor

Opt.Model: 5CH/10CH

APPLICATIONS

Call Center



Defence & Security

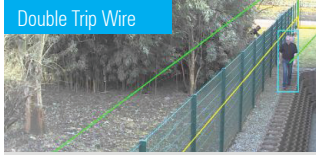


Banking & Finance



Advanced Video Analytical Solutions

Double Trip Wire



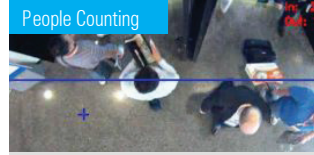
The application detects moving objects that cross a two trip line, making it possible to automatically trigger an event. Ideal for illegal turn or traffic flow (vehicles or people) and specify the minimum to maximum time intervals or when the person or an object enters in unauthorized zone and crosses, the both virtual lines trigger an event.

Facial Detection



The application is able to identify and capture human faces from live video & it can save the images to the specified Recording Path either in NVR or CMS or Local Computer with Date & Time Stamp. Ideal for ATM windows, Service and Ticket Counters, Retail POS counters, Doorways and Passageways, Lobby and Reception areas.

People Counting



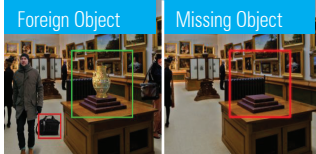
The application senses people from an overhead position in the desired areas, how many persons Enter & Exit passing through. Functional to maintain Visitor Data, supervise stock point, evaluate traffic in key areas & manage the traffic flows. Ideal for Customer Service Centers, Airports, Changing Rooms, Point-of-Sale (POS) transactions Desk.

Perimeter



The application detects direction of movement can be defined in any direction of the zone movement or moving into zone or moving out of zone. Ideal for Security Zone, Restricted area, Valuable item Storage Area & Many More.

Foreign Object

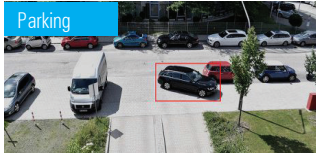


Foreign: The application Detects object abandoned/left behind/ Suspicious Objects Left in Pre-defined Area. It triggers an event.

Missing Object

Missing: The application detects when a particular object was moved or removed from the desired drawn Virtual area, it triggers an event.

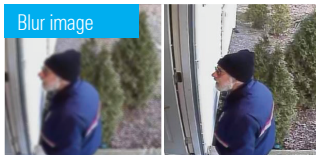
Parking



The application detects illegal parking with pre-defined restricted zones, speed limit settings.

Ideal for VIP parking Zone, No Parking Zone, Special Allocated Parking Zone, Parliament House.

Blur image



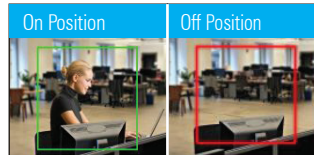
The application triggers an alarm if someone deliberately or accidentally disturbed the lens focus or change the image Sharpness.

Scene change



The application triggers an alarm if the camera Rotated/Manipulation/Direction Shifted from the user-selected Viewing direction or camera lens is covered by some bag or clothes, Spray Painting, Video Tamper.

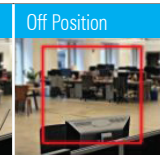
On Position



The application triggers an alarm when the Duty Officers are absent from their pre-defined sitting positions.

Ideal for Reception, Customer Service Desk, POS Desk, Entry/Exits Security Guards Cabin.

Off Position



Fast Moving



The application triggers an alarm when the person runs in a not allowing Running pre-defined Zone.

Ideal for Temple, Hallways lobbies, Platforms Walking Zone, Airports Runways.

Crowd



The application estimates the density of people in pre-defined area, once the density crosses a certain limits or suddenly group of a people enter into the pre-defined area, it triggers an event. Ideal for Retailers, Shopping Malls, Waiting Areas, Hospitals, Parking Zones, Silent Zones.

MORE THAN
18 IVA
FUNCTIONS
ARE AVAILABLE
IN IP CAMERA

AHD/TVI/CVI HD Analog Dome

AA-8033P-FMR3 8MP



Features :

- 1/1.8" CMOS Sensor, 4K 8MP
- Selectable Video Out
- WDR, DNR, BLC, Image Setting
- OSD Menu, Exposure Control, ICR
- SMART IR, 30M IR, 3.6MM Lens
- 300M Video over Co-AX Cable

Optional Model & Features:

Model:5MP, 4MP & 2MP

Features:0.004lux, WDR, 3DNR, IP66 Metal dome, Vandal IK10

AHD/TVI/CVI Motorized Dome

AA-80136P-MMR3 8MP



Features :

- 1/1.8" CMOS Sensor, 4K 8MP
- 3.6 ~ 11/2.8 ~ 12.0MM Motorized
- Selectable Video Out
- WDR, DNR, BLC, Image Setting
- OSD Menu, ICR, 30M IR
- IP66 Metal Bullet with bracket

Optional Model & Features:

Model:5MP, 4MP & 2MP

Features:WDR, 3DNR, 0.004lux, Vandal IK10, Non-Motorized

AHD/TVI/CVI HD PTZ 23X

AA-7123-FDR1 2MP



Features :

- 1/3" 2.0MP CMOS, 23X Optical
- Zut, 120M IR, ICR
- 0.002lux(color), OSD Menu
- Preset, Tour, Pattern, Scan Function
- CoAX @ 300Mtr, 12VDC, IP66

Optional Model & Features: 5MP

AHD/TVI/CVI HD Analog Bullet

AA-8142P-FMR3 8MP



Features :

- 1/1.8" CMOS Sensor, 4K 8MP
- Selectable Video Out
- WDR, DNR, BLC, Image Setting
- OSD Menu, Exposure Control, ICR
- SMART IR, 30M IR, 3.6MM Lens
- IP66 Metal Bullet with Bracket

Optional Model & Features:

Model:5MP, 4MP & 2MP

Features:0.004lux, WDR, 3DNR, IP66

AHD/TVI/CVI Motorized Bullet

AA-8053P-MMA4 8MP



Features :

- 1/1.8" CMOS Sensor, 4K 8MP
- 3.6 ~ 11/2.8 ~ 12.0MM Motorized
- Selectable Video Out
- WDR, DNR, BLC, Image Setting
- OSD Menu, ICR, 50M IR
- IP66 Metal Bullet with Bracket

Optional Model & Features:

Model:5MP, 4MP & 2MP

Features:WDR, 3DNR, 0.004lux, 80M IR, Non-Motorized

AHD/TVI/CVI HD HSD PTZ 33X

AA-7133-FDR1 2MP



Features :

- 1/3" 2.0MP CMOS, 33X Optical
- AHD, TVI, CVI Video Out, 150M IR
- 0.002lux(color), OSD Menu, IP66
- Preset, Tour, Pattern, Scan Function
- CoAX @ 300Mtr, 12VDC, ICR

Optional Model & Features: 5MP, 200M IR

AHD/TVI/CVI HD Bullet

AA-8045P-FMA2 8MP 50M



Features :

- 1/1.8" CMOS Sensor, 4K 8MP
- Selectable Video Out
- WDR, DNR, BLC, Image Setting
- OSD Menu, Exposure Control, ICR
- SMART IR, 30M IR, 3.6MM Lens
- IP66 Metal Bullet with Bracket

Optional Model & Features:

Model:5MP, 4MP & 2MP

Features: 80M IR, WDR, 3DNR, 0.004lux, IP66

AHD/TVI/CVI HD Mini PTZ

AA-7110-FDR8 2MP 10X



Features :

- 1/3" 2.0MP CMOS, 10X Optical
- AHD, TVI, CVI Video Out, 80M IR
- 0.002lux(color), OSD Menu, IP66
- Preset, Tour, Pattern, Scan Function
- CoAX @ 300Mtr, 12VDC, ICR

Optional Model & Features:

Model:5MP

APPLICATIONS

Parking & Entrance



Residence & Shops



Schools & Offices



32CH Pentabrid HD DVR

AT-1632V-XHD-HR 8MP



Features :

- H.265+, 8MP HD Analog Input
- 16CH Audio Input
- 2HDD(16TB), 3G/Wi-Fi
- 5 in 1 Input HD-AHD/TVI/CVI+Analog+IP
- P2P Cloud Monitoring, Alarm
- HDMI, VGA, USB, RS485, (Opt. BNC Out)

Optional Model & Features:

Model: 5MP/5M-N, 2MP/2M-N

Features: 8HDD/4HDD

4CH 4K Pentabrid HD DVR

AT-0404V-XHD-HR 8MP



Features :

- H.265+, 8MP HD Analog Input
- 4CH Audio Input, 1HDD(8TB)
- 3G/Wi-Fi, P2P Cloud Monitoring
- 5 in 1 Input HD-AHD/TVI/CVI+Analog+IP
- HDMI, VGA, USB, RS485, (Opt. BNC Out)

Optional Model & Features:

Model: 5MP/5M-N, 2MP/2M-N

Features: 2HDD/4HDD, Alarm, 8CH CH Audio

16CH Pentabrid HD DVR

AT-0616V-XHD-HR 8MP



Features :

- H.265+, 8MP HD Analog Input
- 6CH Audio Input
- 2HDD(16TB), 3G/Wi-Fi
- 5 in 1 Input HD-AHD/TVI/CVI+Analog+IP
- P2P Cloud Monitoring
- HDMI, VGA, USB, RS485, (Opt. BNC Out)

Optional Model & Features:

Model: 5MP/5M-N, 2MP/2M-N

Features: 8HDD/4HDD, Alarm, 16CH Audio

Stand Alone NVR

AA-L432-XHD 4K 32CH



Features :

- 32CH 4MP/24CH 5MP/16CH 4K
- H.265+, Windows/MAC VMS
- 4HDD(32TB), 3G/Wi-Fi, RJ-45(1G)
- P2P Cloud Monitoring, Alarm(16/4)
- HDMI, VGA, USB, Audio, RS485

Optional Model & Features:

Model: 16CH, 8CH, 4CH

HDD: 8HDD, 4HDD, 2HDD, 1HDD

8CH/4CH Pentabrid HD DVR

AT-0408VL-XHD-HR 8MP



Features :

- H.265+, 8MP HD Analog Input
- 4CH Audio Input, 1HDD(8TB)
- 3G/Wi-Fi, P2P Cloud Monitoring
- 5 in 1 Input HD-AHD/TVI/CVI+Analog+IP
- HDMI, VGA, USB, RS485, (Opt. BNC Out)

Optional Model & Features:

Model: 5MP/5M-N, 2MP/2M-N

Features: 2HDD/4HDD, Alarm, 8CH CH Audio

Smart NVR

AA-L864-XHD 4K 64CH



Features :

- 64CH IP camera Input(4K)
- H.265+, Windows/MAC VMS
- 8HDD(64TB), RJ-45(1G)
- P2P Cloud Monitoring, Alarm(16/4)
- HDMI, VGA, USB, Audio, RS485

Optional Model & Features:

HDD: 16HDD, 4HDD

APPLICATIONS

Mini Market



Small Office



Warehouse



Megapixel Varifocal Lens

AA-0550-DIVM 3MP



Features :

- Supported 3MP, Optical glasses
- DC IRIS 5.0 ~ 50MM Varifocal Lens
- Focal Aperture F1.4, M.O.D 0.2MM
- Support Format 1/2.8", 1/3"
- Angle Of Viewing (D*V) 93 * 28.7

Opt. Model: 2.8 ~ 12mm, 3.0 ~ 8.0mm

SPD Camera Accessories

IP/Analog Speed Dome



Features :

- Aluminum Body
- 12Kg Weight Capacity
- Wall Mount, Pendant Mount
- Pole Mount, Corner Mount
- Power Coated, Cable Managed
- Beige White or Cream White Color

Camera Mount

BOX/Bullet/Dome Camera



Features :

- Aluminum Body
- 4Kg Weight capacity
- In/Outdoor Wall Mount
- Supported for AVTRON Cameras
- Power Coated JB, Cable Managed
- Beige White or Cream White Color

7.0" Villa Color VDP

AM-720H-TC



Features :

- 7.0" LCD Screen, 750TVL Porch Unit
- Hands Free, Call, Door Control
- 1 Out/2 Out + 3 Indoor, Intercom
- IR LED, Name ID Backlit LED
- External Camera, Metal Enclosure

Optional Model & Features:

Model: 4.3", 8", 10"

Features: SD Card, TCP/IP, Wireless

ONVIF Keyboard Controller

AM-4XIP-LCD 4-Axis



Features :

- 7" LCD Display, 4 Axis Joystick
- Onvif Protocol
- Controlling RJ-45, RS-485, RS-232
- Analog, IP, PTZ, HSD Camera
- Full function Keypad

Optional Model & Features:

Features: Without LCD, 3 AXIS, Without ONVIF

Weatherproof Housing

AM-L300



Features :

- Extruded Aluminum Body
- Size 105(W)X100(H)X320(L)mm
- Front or Side-opening (Opt.)
- 100M IR, Heater & Blower (Opt.)
- 100M IR, IP66, IP67, IP65 (Opt.)
- 12VDC/24VAC/220VAC (Opt.)

Optional Model & Features:

Bracket: T, L, Swan, 3axis Types & Cable Managed

APPLICATIONS

Villa & Apartments



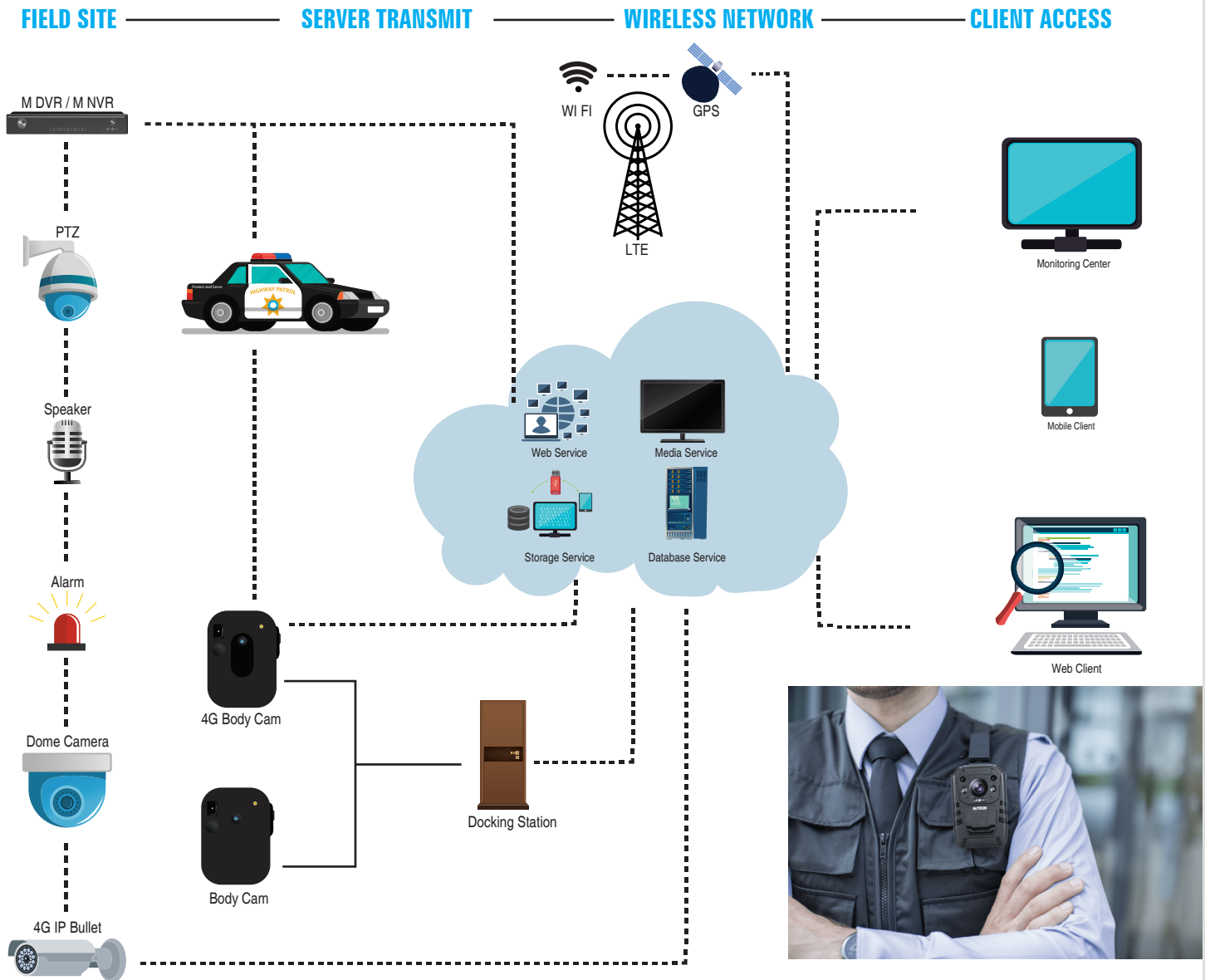
CCTV Control Rooms



Outdoor



Body Worn and Mobile Surveillance Solutions



4G & WiFi Full HD BWC

AM-BW21741 4MP



Features :

- 4G, Wi-Fi, GPS Tracking
- 140° Wide-angle, 1296P
- Image up to 32MP, 10M IR,
- 32Gb(Opt.64g/128g), Laser
- 3000mAh Battery, Compact size
- IP67 Protection, 2m Drop Resistant

Optional Model & Features:

Model: 1440P, 1080P

Features: 64G, 128G, GPS, 140°, IP65, 1M Drop

Basic Docking Station

AM-MI10



Features :

- Supports 10 BWC
- USB Port
- Charging Facility
- Importing Data Simultaneously
- Automatically Data Downloading

Optional Model & Features:

Model: 6port docking station

Features: USB, Charging, Tabletop, Ext. HDD

Full HD

AM-BW3273 2MP



Features :

- 110° Wide-angle, 1296P
- Image up to 32MP, 10M IR,
- 32Gb(Opt.64g/128g), Laser
- 3500mAh Battery, Compact size
- IP65 Protection, 1m Drop Resistant

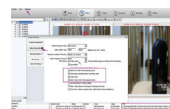
Optional Model & Features:

Model: 1440P, 1080P

Features: 64G, 128G, GPS, 140°, IP67, 2M Drop

Server Software

AM-BWGS



Features :

- Server Software
- GPS Tracking Software
- Auto & Manual Downloading
- Data Tracking, User Authorization
- Playback, Backup Function
- Browser Support

PC Based Docking Station

AM-DST12



Features :

- Supports 12 BWC
- USB/LAN Port, Pre-installed Win-7
- Built-in Screen, Charging Facility
- Importing Data Simultaneously
- Automatically Data Downloading
- Local Playback Built in Storage

Optional Model & Features:

Model: 20 Port, 8Port

Features: USB, Charging, Tabletop, E:

ACCESSORIES

BWC Accessories

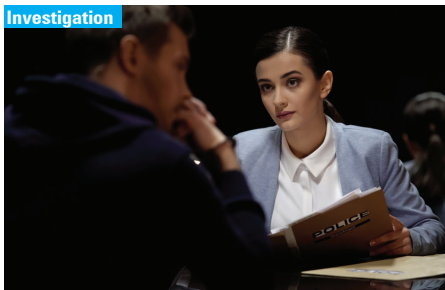


Features :

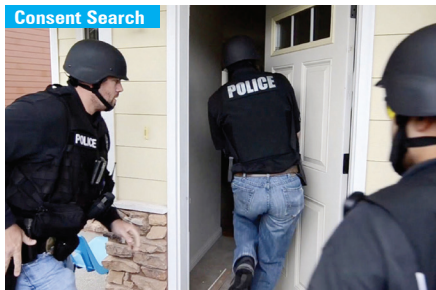
- PTT Cable
- Flexible Mini Camera
- Shoulder Clip
- West Belt
- Power Bank Cable
- Storage Box

APPLICATIONS

Investigation



Consent Search



M-DVR 4CH HD Dual Storage

AT-04MV-HD 2MP



Features :

- H.265+, 2MP Input HD-AHD/TVI/CVI
- Short Circuit, Over Voltage
- Super Capa., HDD(2TB) + SD (256GB)
- 4G/3G, Wi-Fi, GPS, LAN, IP Support
- P2P Cloud, 10000CH CMS, VGA
- G-Sensor, 8V ~ 36VDC, BNC Out, USB

Optional Model & Features:

Model: CH SD, 8CH HDD+SD

Features: 1.3MP, 4G/3G, IP, UPS, Blackbox

Vehicles HD Cameras

AA-2133P-FMR2-B



Features :

- 1.3MP or 2MP model selectable
- shock testing, Anti-thunder
- anti-glare and dust protection
- Aviation connector
- Metal Enclosure

M-DVR 8CH HD Dual Storage

AT-08MV-HD 2MP



Features :

- H.265+, 2M-N Input HD-AHD/TVI/CVI
- Short Circuit, Over Voltage
- Super Capa., HDD(2TB) + SD (256gb)
- 4G/3G, Wi-Fi, GPS, LAN, IP Support
- P2P Cloud, 10000CH CMS, VGA
- G-Sensor, 8V ~ 36VDC, BNC Out, USB

Optional Model & Features:

Features: 1.3MP, 4G/3G, IP, UPS, Blackbox

Vehicles HD Cameras

AA-2133P-FMR2-D



Features :

- 1.3MP or 2MP model selectable
- shock testing, Anti-thunder
- anti-glare and dust protection
- Aviation connector
- Metal Enclosure, IP66

Optional Model & Features:

Model: IR/Without IR

M-NVR IP 4CH Dual Storage

AT-04MV-IP 2MP



Features :

- H.265+, 2MP IPC Input
- Short Circuit, Over Voltage
- Super Capa., HDD(2TB) + SD (256gb)
- 4G/3G, Wi-Fi, GPS, LAN, IP Support
- P2P Cloud, 10000CH CMS, VGA
- G-Sensor, 8V ~ 36VDC, BNC Out, USB

Optional Model & Features:

Model: 4CH SD, 8CH HDD+SD

Features: 1.3MP, 4G/3G, IP, UPS, Blackbox

Vehicles HD Cameras

AA-2133P-FMR2-KR



Features :

- 1.3MP or 2MP model selectable
- shock testing, Anti-thunder
- anti-glare and dust protection
- Aviation connector
- Metal Enclosure

Optional Model & Features:

Model: AA-2133P-FMR2-PI-K

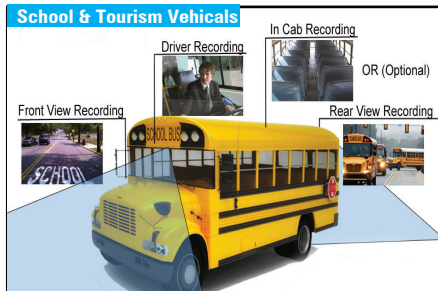
Features: Pin hole Lens, IR/Without IR, 2" Mini, IP67

APPLICATIONS

Railway & Bus



School & Tourism Vehicals



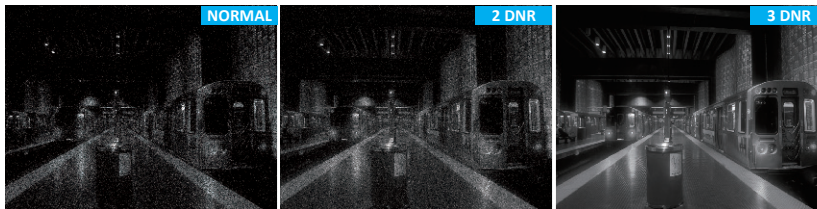
Police & Defence



Camera Features WDR, 3DNR, Smart IR, ROI

WDR (Wide Dynamic Range)

While shooting in high contrast back light, glare and light reflect, environments such as main entrance, ATM or main window side, the object will appear dark and unrecognizable. WDR (Wide Dynamic Range) technology can ensure an identifiable image of all objects under such conditions by appropriately exposing the entire scene, both the darkest and brightest parts.



3DNR (3d Digital Noise Reduction)

The Amount of low illuminance noise is significantly reduced and the signal -to- noise ratio (S/N) as well as horizontal resolution is improved, resulting in a clear and sharp image display even in the dark.

SMART IR

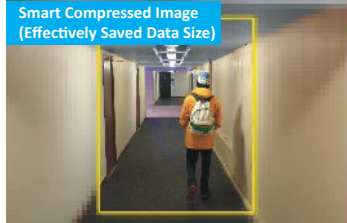
Smart IR Technology automatically adjusts the amount of IR LED intensity to eliminate over-exposure and evenly illuminate the subject. Smart IR automatically dims the IR illuminations as the subject moves closer to the camera. This prevents the IR reflection from making the subject too bright and washing out the image.



Normal Compressed Image
(Higher Data Size)



Smart Compressed Image
(Effectively Saved Data Size)



ROI (Region of Interest)

Region of Interest, it allows you to set max to 4 key regions you are interested in. You may set major stream in the region and minor stream outside, which will help you to save more spaces of hard disk.



AVTRON Audio Solutions



**Speakers, Amplifiers, EVAC System, SIP & IP PA System
Intelligent Paging, Analog PA, Microphone, Volume Controller**

Pure & Solid Sound



2 Way Speaker

- 2-Way (Bass & Treble)
- Up to 80W
- SPL 110dB
- LMT/80hms



Explosion & Fire Proof Speakers

- Explosion-proof EXDII CT6
- Zone 0, 1, 2
- Class IIA, IIB, IIC
- Temp. Grade T1 to T6

Hi Power Subwoofer Ceiling

AP-C102Z 10" 240W

Features :

- 10" Woofer, 2 Tweeter
 - SPL Max.112dB, 45Hz-20KHz
 - 120 / 60 / 30W, 240W@8Ω
 - Metal, Black Back Box, White
- Opt. Model & Features**
 1.5W ~ 240W Speaker(Round & Square),
 4~ 10 DIA.



Fire & Explosion-Proof

AP-H115EX 15W

Features :

- 6" Woofer, 1" Treble Speaker
 - SPL Max.115dB, 350Hz-100KHz
 - 25W, 670 Ω, 100V/70V LMT
 - Designed According to EXDII CT6 & EN54-24VAC
- Opt. Model & Features**
 3W & 6W Fire Resistant, 15W ~ 50W Explosion-proof
 Zone 0, 1, 2, class of IIA, IIB & IIC & Temp. grade T1 to T6



Garden, Landscape & Lamp

AP-G57 50W 6"

Features :

- 6 1/2" Woofer Speaker
 - SPL Max.109dB, 80Hz-100KHz
 - 50W, 100V/70V LMT
 - Fibre Resin enclosure, Grey
- Opt. Model & Features**
 10W, 20W, 30W, 100W
 ABS, Aluminum, 2-Way, Co-Axial



APPLICATIONS

Halls & Stadiums



2 Way Hi Power Wall Mount

AP-W39/W 80W

Features :

- 8" Woofer, 1"x2 Treble Speaker
 - SPL Max.110dB, 60Hz-18KHz
 - 80W/40W/20W, 100V LMT
 - 90x80° Dispersion Angle
 - White (RAL 9010)
- Opt. Model & Features**
 1.5W ~ 200W, Line Array, Metal Case, 4" ~ 8" Speaker



Pendant and Projection

AP-P25/D 20W

Features :

- 2 x 6.5" full range Woofer
 - SPL Max.103dB, 15KHz
 - 20W/10W/5W, 100V LMT
 - 320° Dispersion Angle
 - White, Aluminum, Wall/Corridor
- Opt. Model & Features**
 2.5W ~ 30W, ABS/Metal Case, 5"/6" Speaker



In/Outdoor Horn Speaker

AP-H50 50W Mini

Features :

- 50W/30W, 100V/70V LMT
 - SPL Max.112dB, 18KHz
 - IP66, ABS Enclosure
 - Light Grey
- Opt. Model & Features**
 15W, 30W, 50W
 ABS, Aluminum

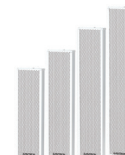


Elegant Column Mount

AP-CS80 120W

Features :

- 6" x 6 Full Range Speaker
 - SPL Max.118dB, 130Hz-16KHz
 - 120W/60W/30W, 70V/100V LMT
 - 80x100° Dispersion Angle
 - Metal, White, Indoor/Outdoor
- Opt. Model & Features**
 10W ~ 120W, 2.5", 4", 6" Spea



Bluetooth Powerful Sound

AP-BC250 100W

Features :

- 2 x 50W Master/Slave
 - 400mV Input Sensitivity
 - Adopt 4.2+BR+EDR+BLE Bluet
 - 16bit DAC DAP, SPL 93dB
 - ABS, IRON Grille, White(RAL 9010)
- Opt. Model & Features**
 2x15W, 2x20W, 2x30W
 2-Way, 5"/6.5"/8" woofer, 4 Pair



Active WIFI Bluetooth

AP-AW640 60W 5"

Features :

- 2x30W Master/Slave
 - 400mV Input Sensitivity
 - Adopt 4.2+BR+EDR+BLE Bluet
 - 2.4Ghz Wi-Fi, SPL 95dB
 - ABS, IRON Grille, White(RAL 9010)
- Opt. Model & Features**
 2x20W, 2-Way, 5" woofer

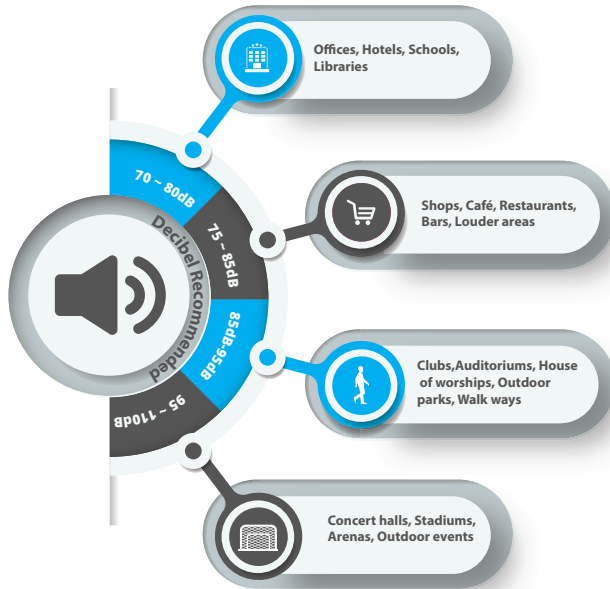


Transportation Centers



Selection Guide for Speakers and Amplifiers

SPEAKERS



AMPLIFIERS

Standard PA Amplifier Calculation: $\text{Speaker Wattage} \times \text{Speaker QTY} \times \text{Buffer Power Load} = \text{Required Wattage}$

Speaker Wattage 6W
Ceiling Speaker 6"

Speaker Quantity : 25pcs | Buffer Power or cable loss : 20% excess load
Estimated Wattage : 180W approx.

Speaker Wattage 15W
Wall mount

Speaker Quantity : 25pcs | Buffer Power or cable loss : 20% excess load
Estimated Wattage : 450W approx.

Speaker Wattage 30W
Horn/Column

Speaker Quantity : 25pcs | Buffer Power or cable loss : 20% excess load
Estimated Wattage : 900W approx.

Speaker Wattage 80W
2-Way Speaker

Speaker Quantity : 25pcs | Buffer Power or cable loss : 20% excess load
Estimated Wattage : 2400W approx.

*Proposed dB sound and requirement can vary accordingly subject to environment ambient sound



High To Low Power Amplifier

Zone Paging Amplifier

AP-ZP500 6 Zone



Features :

- 6 Zone Paging Enabled
- Zone & Paging Control
- 500W RMS, MIC, Line In/Out Output
- USB/SD MP3, FM, Bluetooth
- Aux, 70V/100V, 4/8/16 Ohms
- VOX Priority, 19" 2U, 220V

Opt. Model & Features

350W, 240W, 120W, 60W

Pro. Mixer Amplifier Tuner

AP-MA500TU 500W



Features :

- 500W RMS Output
- USB/SD MP3, FM, Bluetooth
- MIC, Line In/Out, Aux
- 4/8/16 Ohms
- VOX Priority, 19" Rack mount, 220V

Opt. Model & Features

120W, 240W, 360W

PA HIGH Power Amplifier

AP-PA2000 2000W



Features :

- 2000W RMS Output
- 70V/100V, 4/8/16 Ohms
- Auto Control FAN
- Overload, Clip Protect
- Line In/Out, Volume Control
- 19" Rack mount, 220V

Opt. Model & Features

1500W, 1000W, 5000W

Mini Desktop with Tuner

AP-DM30TM 30W



Features :

- 30W RMS Output
- USB/SD MP3, FM, Bluetooth
- MIC, Line In/Out, Aux
- 70V/100V, 4/8/16 Ohms
- VOX Priority, Tabletop, 220V

Opt. Model & Features

30W, 60W, 120W

PA POWER Amplifier

AP-MA650 660W



Features :

- 660W RMS Output
- Line In/Out, Volume Controller
- 70V/100V, 4/8/16 Ohms
- Overload, Short Circuit
- 19" Rack Mount, 220V

Opt. Model & Features

120W, 240W, 360W, 460W

Eco. Mixer Amplifier Tuner

AP-SSA500 500W



Features :

- 500W RMS Output
- USB/SD MP3, FM, Bluetooth
- MIC, Line In/Out, Aux
- 70V/100V, 4/8/16 Ohms
- 19" Rack Mount, 220V

Opt. Model & Features

60W, 100W, 160W, 250W, 300W, 350W

APPLICATIONS

Auditorium & Outdoor Events



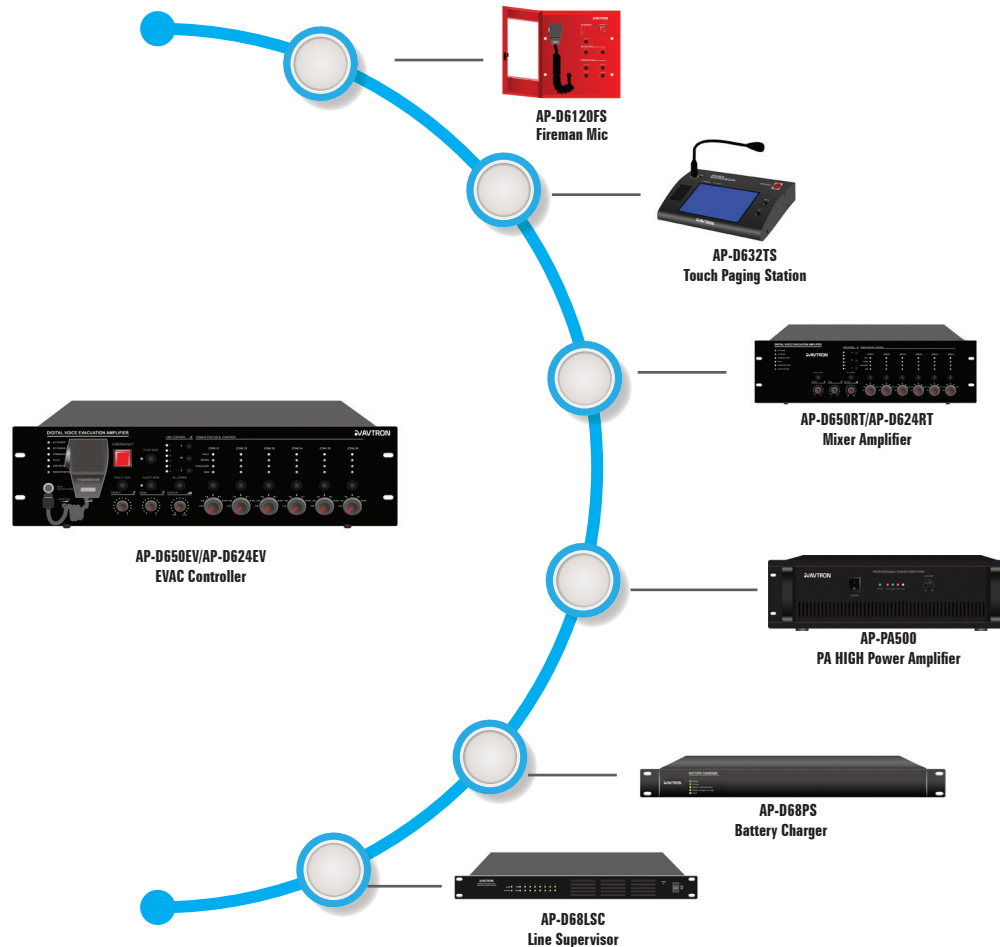
Disco Clubs & Restaurant



Apartment & Corporates



Emergency Voice Evacuation (EVAC) System



EVAC System is useful to broadcast music & voice messages for background music or alarm messages to evacuate the premises in case of emergency and can be announced by automatic or manual

EVAC Controller

AP-D650EV 500W



Features :

- 500W EVAC Controller
- Built-in 6 Zones, 120Zones Exp.
- Alarm, EVAC, Speaker Out
- Auto Changeover RAID Amplifier
- Exp. Router, Ext. Amplifier Port
- MIC/Line Input, RJ-45(100M)

Opt. Model & Features

250W, Extension Router(250W/50

Digital PAVA Controller

AP-EV5010 500W



Features :

- Built-in 8Zones, 128Zones Exp.
- 255 Broadcasting Group, LCD
- 1GB Flash, 4GB SD, PTT MIC
- Exp. Router, Ext. Amplifier port
- MIC/Line Input, RJ-45, RS485

Opt. Model & Features

EN-54 Compliant

Touch Paging Station

AP-D632TS Touch



Features :

- 7" LCD, 3W Monitor Speaker
- All Zone, Single Zone Paging
- Online/Offline 2-Way talk
- Line In/Out, Relay, CAT

Opt. Model & Features

Keypad Paging Station

Keypad Paging Station

AP-EV88KS 8 Zones



Features :

- Gooseneck or PTT Microphone
- Keypad, Exp. 128Zones
- Zone Paging, All Zone
- Recording, MIC/Line In

Opt. Model & Features

4 Button, 8 Button Keypad

EVAC Integration Unit

AP-D68LSC 8Lines



Features :

- 8 Lines Super & Amp. Changeover
- In/Output Control
- Zone Capa. 500W/100V
- Redundant Amplifier(1+8)
- 19" Rack Mount, 24VDC

Opt. Model & Features

Fireman Control, Battery backup, EVAC Speaker

Digital PAVA Expander

AP-EV5024E 500W



Features :

- 24 Zone Exp.
- A + B Selection
- 500W Handling Capacity
- 8 Port Alarm In/Out
- Amplifier RAID Support

Opt. Model & Features

8 Zone/24 Zone Expander Unit

APPLICATIONS

Hotels And Hospitals



Data Center



Shopping Malls



Today's IP PA Technology for Tomorrow's Demand



IP Public Address System

- PoE Powered
- Supports LAN/WAN
- Multiple 6000 Zones
- Off line Talk-back (Without Server)
- Encoder, Decoder, Matrix Function

PA System Software

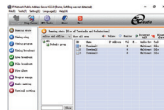
AP-N9ESF

Features :

- Unified managements
- Single/Multiple Zone Paging
- Weekly Timers, Broadcasting
- Monitoring, Intercom, Setup
- Different Audio Source
- Win7, Encoders

Opt. Model & Features

Pro. PA Software, Backup RAID Units



Paging Station

AP-N9EPM30 Touch

Features :

- 7" LCD, 3W Monitor Speaker
- Zone Paging, Group Paging
- All zone, 2-Way Intercom
- MIC/Line/USB Input, RJ-45(100M)
- TCP/IGMP/UDP, MP3

Opt. Model & Features

Keypad Paging Station



Mini Amplifier

AP-N9EWA 30W

Features :

- 2x30W Hi-Fi Sound Out
- CH1, CH2, RJ-45(100M)
- Dual-Core ARM Processor
- TCP/IGMP/UDP, MP3
- MIC/Line/Audio In, DC-24V

Opt. Model & Features

Audio Router



PA Mixer Amplifier

AP-NA500 500W

Features :

- 500W Amplifier
- 100V, 4/8/16 Ohms
- Streaming, Decoding Audio
- MIC/Line Input, RJ-45(100M)
- 19" Rack, 220V

Opt. Model & Features

30W, 60W, 120W



Integration Unit

AP-N9FI Fire Integration

Features :

- 16/32 Input Control
- Multiple Alarm Matrix Control
- MIC Jack for Emergency
- MIC/Line Input, RJ-45(100M)
- TCP/IGMP/UDP/ARP/ICMP

Opt. Model & Features

Telephone Interface, Decoder, Router, Pre Amp



Network Ceiling Speaker

AP-NC10P 6" PoE

Features :

- 10W/6W RMS Out
- 6" Speaker, Built-in Amplifier
- DC12V or PoE 802.3af/802.at
- SPL 92dB, TCP/UDP/IGMP
- MP3/MP2, RJ-45
- Emergency Input/Button

Opt. Model & Features

Without PoE



Wall Mount

AP-NW15P 15W PoE

Features :

- 15W RMS Out, Built-in Amplifier
- DC12V or PoE 802.3af/802.at
- SPL 100dB, TCP/UDP/IGMP
- Dual-Core ARM Processor
- MP3/WMA/WAV, RJ-45

Opt. Model & Features

Without PoE



Horn Outdoor

AP-NH15P 15W PoE

Features :

- 15W RMS Out, Built-in Amplifier
- DC12V or PoE 802.3af/802.at
- SPL 100dB, TCP/UDP/IGMP
- MP3/WMA/WAV, RJ-45
- ABS, Outdoor IP67, Oval

Opt. Model & Features

15W/ 30W, Without PoE, Round



PA Column Speaker

AP-NC120 120W

Features :

- 120W RMS Out, Built-in Amplifier
- DC12V or PoE 802.3af/802.at
- SPL 100dB, TCP/UDP/IGMP
- MP3/WMA/WAV, RJ-45
- ABS, Outdoor IP67, Oval

Opt. Model & Features

15W/ 30W, Without PoE, Round



APPLICATIONS

Commercial Building



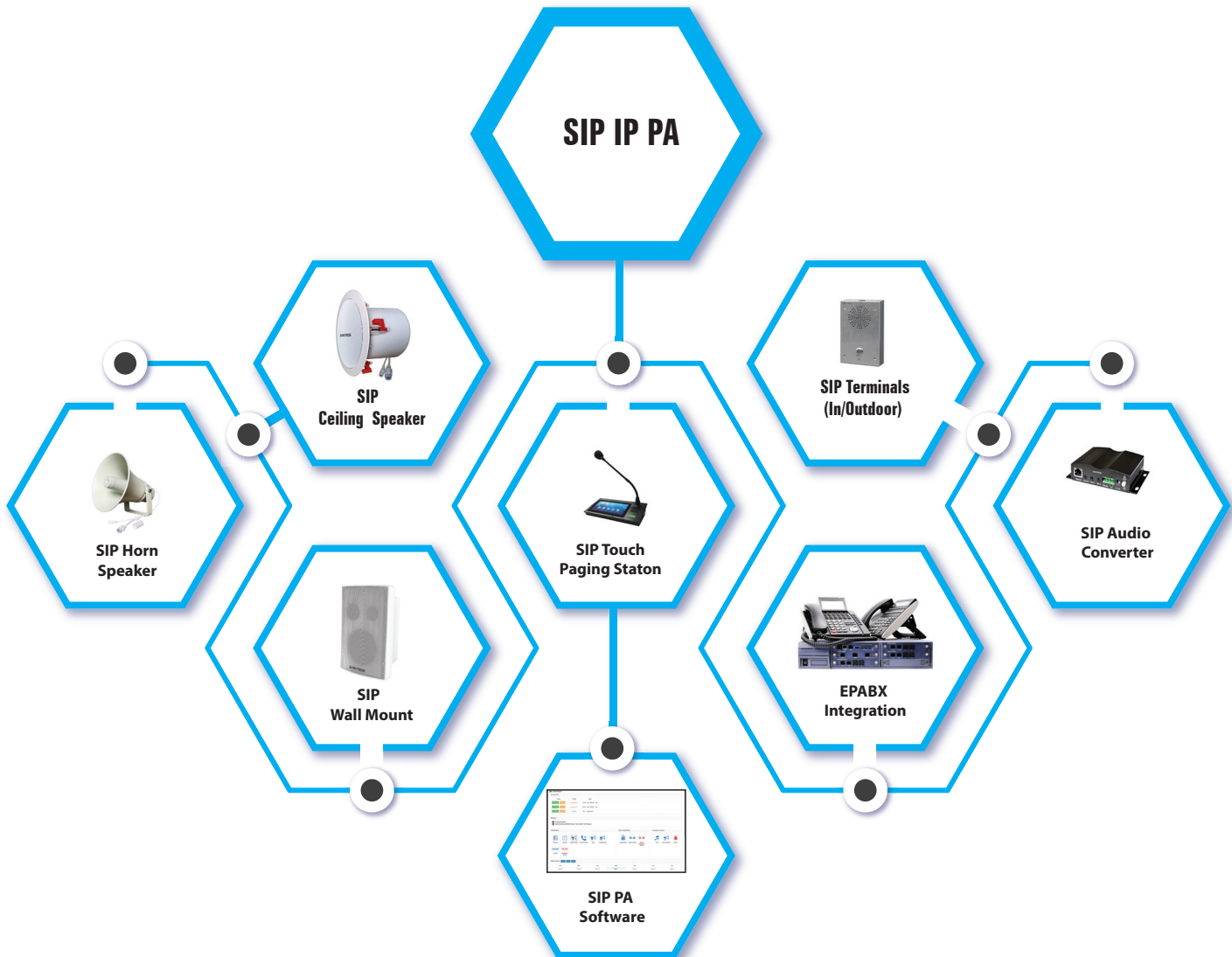
School Campus



Conference Room



Delivers Flexibility, Scalability, Power, and Performance with a Modular Design



SIP Based Public Address Solutions

SIP Touch Paging Station

AP-S9SPM Touch

Features :

- SIP Paging Console, 7" LCD
- Compatible with HUAWEI, CISCO AVAYA, ALCATEL, MITEL, 3CX Server
- 2-Way Intercom, 3W Speaker
- Line In/Out, RJ-45, G.711
- SIP/IP/RTP/ARP/DHCP/UDP/IGMP

Opt. Model & Features

Keypad Paging Station



SIP PA Ceiling Speaker

AP-SC10P 6" PoE

Features :

- 10W/6W RMS Out
- 6" Speaker, Built-in Amplifier
- DC12V or PoE 802.3af/802.at
- SPL 92dB, TCP/UDP/IGMP
- MP3/MP2, RJ-45
- Emergency Input/Button

Opt. Model & Features

Without PoE



SIP Audio Converter

AP-S9SAC VoIP

Features :

- Integration IP PABX SIP & VoIP with IP Public Address
- 2-Way comm.
- Compatible Cisco, Avaya, Polycom
- MIC/Line In, Line Out
- 2x10W 8 Ohm Speaker Out
- Alarm Out for Third Party System



SIP PA Wall Mount

AP-SW15P 15W PoE

Features :

- 15W RMS Out
- Built-in Amplifier
- DC12V or PoE 802.3af/802.at
- SPL 100dB, TCP/UDP/IGMP
- Dual-Core ARM Processor
- MP3/WMA/WAV, RJ-45

Opt. Model & Features

Without PoE



SIP In/Outdoor Terminal

AP-S9SOT 2-Way

Features :

- Stainless Steel, Vandal & Tamper-Resistant Casing
- Industrial Designed
- -40 degree to +70 degree
- Aux Out, 3W Speaker, 2-way Comm.
- 12VDC(PoE Opt.), IP55

Opt. Model & Features

Indoor Terminals



SIP Horn Outdoor

AP-SH15P 15W PoE

Features :

- 15W RMS Out
- Built-in Amplifier
- DC12V or PoE 802.3af/802.at
- SPL 100dB, TCP/UDP/IGMP
- MP3/WMA/WAV, RJ-45
- ABS, Outdoor IP67, Oval

Opt. Model & Features

15W/ 30W, Without PoE, Round



APPLICATIONS

Station & Airport



Industries & Plants



Government & Corporates



Uncompromised, Intelligent and Simplified



Intelligent Paging System

- Expandable 80/160 Zone
- Built-in Weekly Timer
- 10 Zone Selector
- 6CH Power Sequencer
- Paging MIC
- 99 Broadcast Program

Paging (Intelligent/Matrix) & Analog PA System

Intelligent Paging Controller

AP-MC210 10 Zone



Features :

- Cost-effective Intelligent Controller
- 10 Zone Exp. Up to 80 Zone
- Timer Broadcasting, 99 Broadcast
- 3 modes Voice Alarm(All/Single/Neighboring)
- 4 Gen. + 1 Emergency Program
- Power handling 5000W
- 19" Rack Mount, 220V

Remote Paging Station

AP-Z214 160 Zone



Features :

- 16 Zone Keypad
- Long Transmission 1KM
- Zone LED Display, Auto Mute
- All Zone, Individual Zone Paging
- Pleasant Chime, Gooseneck
- Max. 160 Paging Zone, Table Top

System Integration Unit

AP-D405



Features :

- EPABX Systems Integration
- Built in Monitor Speaker
- Telephone Input, Contact Input
- MIC/AUX Input
- 19" Rack Mount

Opt. Model & Features

Telephone, Fire Integration, Alarm Matrix

Intelligent Paging Station

AP-PS210 10 Zone



Features :

- 16 Zone Keypad
- Long transmission 1KM
- Exp. Up to 80 Zone
- All Zone, Individual Zone Paging
- Pleasant Chime, Gooseneck
- Priority Setup, Table Top

Remote Paging Selector

AP-Z215 10 Zone



Features :

- 10 Zone, 4 Priority levels
- Exp. 160 Paging Zone
- MIC, RMIC, Line, Priority In
- Line Out, Priority Out
- All Zone, Individual Zone Paging
- 19" Rack Mount, 220V AC

Emergency Panel

AP-Z217



Features :

- Auto/Manual Broadcast
- Voice Recorder and Fire Alarm
- Ext. MIC & Line
- Start, Stop and Play Functions
- Alarm IN/Out, 1 Min Voice Recorder
- Built in Memory for Voice Record

Pre Amplifier

AP-PR208



Features :

- Separate Volume Control
- Built-in 8CH Audio Matrix
- 1CH MIC/8CH Aux Input
- 8CH Output with control
- 1CH EMC Input
- 19" Rack Mount, 220V

Zone Speaker Selector

AP-Z220 10 Zone



Features :

- 16 Zone, 1 Priority Levels
- Max. 160 Paging Zone
- LED Display, Alarm In/Out
- All Zone, Individual Selection
- A/B Amplifier Inputs, (Opt. Fire Interface)
- 19" Rack Mount, 220V AC

Opt. Model & Features

16Zone, 2x5 Zone Selector

Mini Matrix EVAC System

AP-IV88 8 Zone



Features :

- Flex. Matrix PA, BGM, EVAC
- 8 Zone Paging or BGM
- 8CH Keypad, 1 Matrix Controller
- Up to 1KM Remote Paging
- 8 Min Recording Memory
- PPT MIC, Monitor Speaker

APPLICATIONS

Restaurants & Banquets



Institutes & Temples



Industries & Factories



Conference Solution



Wired & Wireless Solutions

- UHF Frequency (Wireless)
- 256 Units (In Wireless)
- 250 Units (In Wired)
- Built-in Speaker
- Priority/Open/FIFO Modes

UHF Wireless Conference

AP-WC260



Features :

- 50 Units & Exp. 250 units
 - Max 5 Chairman,
 - 1 + 4 Conf. same time
 - 4 Modes: Open, Limited/Chairman
 - Audio Rec Out, Wireless 50 ~ 70mtr
 - Opt. Battery Bank, Charger
- AP-WC256 Chairman Unit, Priority, Speaker/Headphone
 AP-WD257 Delegate Unit, Speaker/Headphone

Amplified Conference

AP-CS31Series



Features :

- Built-in 100V Amplifier
 - Supports 250pcs, Power 60pcs
 - 9 units same time
 - 4 Modes: Open, FIFO, Override, Chairman
 - Rec Out, Monitor Speaker
 - 19" Rack Mount, 230V
- AP-CU32 Chairman Unit, Priority, Speaker/Headphone Jack
 AP-DU33 Delegate Unit, Speaker/ Headphone

Advanced Conference

AP-CS41 Series



Features :

- Power 100pcs , Supports 250pcs
 - Camera Tracking, 12 units same time
 - Password Setup, LED Display
 - 4 Modes: Open, FIFO, Override, Chairman
 - Rec Out, Monitor Speaker
 - 19" Rack Mount, 230V
- AP-CU32 Chairman Unit, Priority, Speaker/Headphone
 AP-DU33 Delegate Unit, Speaker/Headphone Jack

Basic Conference System

AP-CS1 Series



Features :

- Supports 180pcs
 - Power upto 60pcs
 - Noise Cancellation
 - Acoustic Feedback Suppression
 - Rec Out for Recording
 - 19" Rack Mount, 230V
- AP-CU2 Chairman Unit, Priority Control, Gooseneck MIC
 AP-DU3 Delegate Unit, Gooseneck MIC

Multi-function Conference

AP-CS21 Series



Features :

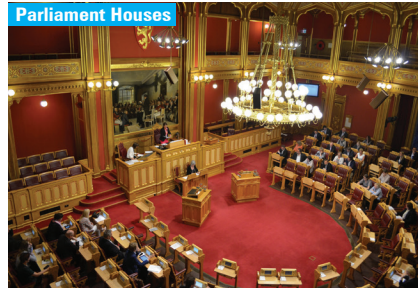
- Supports 250pcs, Power 60pcs
 - Unidirectional Capsule for Noise cancellation, 9 Units same time
 - 4 Modes: Open, FIFO, Override, Chairman
 - Rec Out, Monitor Speaker
 - 19" Rack Mount, 230V
- AP-CU22 Chairman Unit, Priority, Speaker/Headphone Jack
 AP-DU23 Delegate Unit, Speaker/Headphone

APPLICATIONS

Government & Corporate Offices



Parliament Houses



High Courts



Dedicated Pre & Post Sales Support



CUSTOMIZED SOLUTION



STANDARD & EXTENDED WARRANTY



Volume Controller, Microphone & Accessories

Volume Controller

AP-VC120 120W



Features :

- 5 Steps Volume Control
 - Surface or In-Wall Mount
 - 120W Load Control
 - White color, ABS Material
- Opt. Model & Features**
6W, 30W, 60W, 24V DC Override

Wireless Microphone Set

AP-WM102



Features :

- 2 set of Handheld Microphone
 - Service Range 100 mtr
 - UHF 750~950MHz
 - Table Top, DC Power
- Opt. Model & Features**
3 IN 1 MIC(Handheld, Caller, Headphone)

Wired Microphone

AP-HM113



Features :

- Handheld Microphone
- 50Hz-13KHz
- Uni-direction
- Zinc Alloy Body
- Included Cable

Desktop Microphone

AP-DP204



Features :

- Gooseneck Microphone
 - 50Hz-15KHz
 - Condenser MIC
 - Phantom Power
 - Table Top, Included cable
- Opt. Model & Features**
DC Power, Eco Series

Microphone Stand

AP-MS210



Features :

- Stainless Steel Coating
 - Adjustable length 92 ~ 150cm
 - Table Top/Floor Top
- Opt. Model & Features**
Small Size, Big Size

19" PA Equipment Rack

AP-PER



Features :

- 19" Standard Cabinet
- Fan, Power strip
- All doors open-able
- Heavy Duty Castor Wheels
- Fixed stands, Rackets and Screws

APPLICATIONS

Auditoriums



Radio & TV Rooms



Podium/Stage/Studios



AUDIO VIDEO EXTENDERS



Extender, Converter, Switcher, Splitter & Matrix

- Up to 500M HDMI Extenders (wired & Wireless)
- Up to 16 Port HDMI Splitter
- 8x8 HDMI Matrix Switch
- 2x2 Video Wall Controller
- Video + Audio to HDMI Converter

HDbiT HDMI Extender

AVT-HE171IR PAIR 120M



Features :

- HDMI Over CAT5/6 394ft.(120M)
- Supported 1080P @60Hz
- IR Pass-back, Zero Latency
- Transmitter & Receiver
- Auto Adjust Input Resolution
- LED Indicator, DC Powered

Opt. Model & Features

200M/130M/60M,30M, 4K/2K, VGA, SDI
HDbiT/HDBaseT, HDMI loop out, EDID dial switch, POT

HDMI Matrix Switcher

AVT-HS155E 5+1



Features :

- 5 Input & 1 Output
- HDMI reso. Upto 4K x 2K
- HDCP pass-through
- HDMI1080p@24Hz, 720p@50Hz/60Hz
- Compressed Audio DTS & Dolby

Opt. Model & Features

4 In 4 Out, 8 In 8 Out, 3 in 1,
2x2 Video Wall, Quad Display

SDI & Multi Video Converter

AVT-SC662



Features :

- Auto Detect HD-SDI, SD-SDI, 3G-SDI
- Full HDMI with Audio Sync Output
- 75 Ohms Impedance
- SDI Input 720P/1080P @50Hz/60Hz
- HDMI Out Reso.:720P @50Hz/60Hz,
- 1080i @/50Hz/60Hz, 1080P @24/25/30/50/60H

Opt. Model & Features

Audio/Video, YpbPr, Composite/S-Video to HDMI
SDI to BNC/VGA, Scart & HDMI to HDMI

Wireless HDMI

AVT-HE222WL-200M



Features :

- HDMI over Wi-Fi 200M
- 1080P HDMI and HDCP
- IR Pass-back, Trans. & Rece.
- Auto Adjust Input Resolution
- LED Indicator, DC Powered

Opt. Model & Features

20M/50M/200M/500M, 4K/2K, HDMI, VGA

Universal HD VIDEO Balun

AVT-16HD 16CH 5MP



Features :

- Up to 5MP Camera Input
- AHD/CVI/TVI & Analog Input
- Passive to Active up to 700M
- Built-in Surge Protection
- Press to Fit Jack
- No Power Required

Opt. Model & Features

4CH, 8CH

Universal HD VIDEO Balun

AVT-41HD Pair 1CH 5MP



Features :

- Up to 5MP Camera Input
- AHD/CVI/TVI & Analog Input
- Passive to Active up to 700M
- Built-in Surge Protection
- Press to Fit Jack
- No Power Required

Opt. Model & Features

Eco-Series, 2MP Input

APPLICATIONS

Broadcasting Control Room



Video Conferencing Room



Media House



Clientele

Mangalore City Surveillance



Indian Navy, Kochi



Air Force Station



Nirma Group of Companies



Vibrant Gujarat



Radisson Hotel



T.D Medical College Kochi



UN Mehta Hospital Ahmedabad



Meghalaya High Court



JSW Steel



District Council Latur



Center For Marine Living Resources & Ecology



Clientele



CELEBRITY PROPERTIES

- Karan Johar
- Jackie Shroff
- Dharmendra
- John Abraham
- Irfan Khan
- Yash Chopra

MAHALAXMI RACECOURSE MUMBAI



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

* Camera snapshot images used in this catalog are for reference only.



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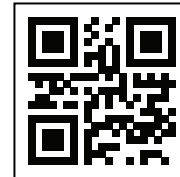


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