



## VALUE

### Value Motorized Enhance Dome 2MP/5MP/8MP Network Camera

#### Real-time High Definition Camera

Real-time High Definition Camera Using the state of art video compression engine, real time HD video streams of 1080i/720p can be delivered for recording and monitoring. As a result, ultimate low speed without fluctuations as well as ultra high speed without jerks can be obtained.

#### Triple codec, Simultaneous Multi Streaming

Triple codec, Simultaneous Multi Streaming Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to monitor video remotely using H.265 and transmit to Network Video Recorder as well.

#### Day & Night by ICR

Day & Night by ICR For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengaged from image path automatically in the low light environment.

#### 90° Tilting

90° Tilting The 3 axis mechanism and sophisticated bubble dome design support wider tilting angle up 90 degrees. For various applications, this provides more choices and options in installation.

## FEATURES

- 1/2.8" progressive scan CMOS.
- Upto 8MP(3840×2160) @25/30fps resolution.
- 2.7~13.5mm motorized lens.
- WDR, 3D DNR, ROI, HLC, BLC, Defog.
- Support face, human, vehicle detection.
- Smart IR up to 40m.



## VALUE SERIES

### TECHNICAL SPECIFICATION

#### CAMERA

	AX-V227-VMED (2MP)	AX-V527-VMED (5MP)	AX-V827-VMED (8MP)
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	2MP 1080P	5MP	8MP
Effective Pixels	1920(H)×1080(V)	2880(H)×1620(V)	3840(H)×2160(V)
Electronic Shutter Time	Auto/Manual, 1/5 ~ 1/20,000s		
Minimum Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), B/W: 0 Lux @ (IR LED ON)	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux @ (IR LED ON)
S/N Ratio	55dB		
Day/Night	IR cut filter	Auto(ICR)/Day/Night/Time	IR cut filter
Wide Dynamic Range	True WDR		
IR Range	Up to 40 m (131.2 ft)		
IR On/Off Control	Auto/Manual		
Pan/Tilt/Rotation Range	Pan: 0° ~ 355°, Tilt: 0° ~ 75°, Rotation: 0° ~ 355°		

#### LENS

	Motorized lens		
Lens Type	Motorized lens		
Iris	Fixed Iris		
Focal Length & DORI	2.7mm, D:80m O:32m R:16m I:8m 13.5mm, D:208m O:83.2m R:41.6m I:20.8m	2.7mm, D:80m O:32m R:16m I:8m 13.5mm, D:208m O:83.2m R:41.6m I:20.8m	2.7mm, D:96m O:38.4m R:19.2m I:9.6m 13.5mm, D:272m O:108.8m R:54.4m I:18.3m
F Number	F1.6		
Angle of View	H: 102.3°~33.1°, V: 54.3°~18.5°	H: 102.3° ~ 33.1°, V: 54.3° ~ 18.5°	H: 102.8°~32.6°, V: 54.5°~18.3°

#### VIDEO

	3 Streams		
Streaming Capability	3 Streams		
Stream 1	25/30@1920×1080fps 25/30@1280×720fps	25/30@2880×1620fps 25/30@2560×1440fps 25/30@2304×1296fps 25/30@1920×1080fps 25/30@1280x720fps	25/30@3840×2160fps 25/30@2880×1620fps 25/30@2592×1520Fps 25/30@2560×1440fps 25/30@2304x1296fps 25/30@1280x720fps
Stream 2	D1, VGA, CIF @ 25/30fps		D1, VGA, CIF @ 25fps
Stream 3	VGA, CIF, QVGA @25/30fps		
Bit Rate Control	CBR/VBR		
Bit Rate Stream1	200kbps~12Mbps	200kbps~12Mbps	200kbps~12Mbps
Bit Rate Stream2	100kbps~6Mbps	100kbps~6Mbps	100kbps~6Mbps
Bit Rate Stream3	100kbps~3Mbps	100kbps~3Mbps	100kbps~3Mbps
Region of Interest	Off/On (8 Zone, Rectangle)		

#### IMAGE

Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Aisle Mode	Support
Mirror	Support
White Balance	Auto/Manual
Day/Night Setting	Auto, Day, Night, Time
Smart IR	Support
Noise Reduction	2D/3D DNR
Image Enhancement	HLC, BLC, Defog, WDR



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### TECHNICAL SPECIFICATION

#### IMAGE

	AX-V227-VMED (2MP)	AX-V527-VMED (5MP)	AX-V827-VMED (8MP)
Motion Detection	Support		
Privacy Masking	Support		

#### AI Function

	Supports face, human, vehicle detection and capture	Supports face, human, vehicle detection and capture	Supports face, human, vehicle detection and capture
Multi-Object Detection	Supports face, human, vehicle detection and capture	Supports face, human, vehicle detection and capture	Supports face, human, vehicle detection and capture
Smart Events	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, People counting Support alarm triggering by specified target types (human and vehicle)	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, People counting Support alarm triggering by specified target types (human and vehicle)	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, People counting Support alarm triggering by specified target types (human and vehicle)
People Counting	Support		

#### AUDIO

Compression	G.711 A-law, G.711 $\mu$ -law, RAM PCM
Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)

#### NETWORK

Protocols	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL
Interoperability	ONVIF, SDK, CGI
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge

#### INTERFACE

Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Reset Button	Support
SD Card Slot	Built-in, up to 1TB

#### GENERAL

Power Supply	DC12V (-25%~+10%)/POE (IEEE 802.3af)	DC12V(-15% to +25%)/POE (IEEE 802.3af)	DC12V (-25%~+10%)/POE (IEEE 802.3af)
Power Consumption	Max 5.5 W	Max 6 W	Max 6 W
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140 °F)	-30°C ~ 55°C (-22°F ~ 131 °F)	-30°C ~ 60°C (-22°F ~ 140 °F)
Operating Humidity	Less than 90% RH		
Ingress Protection	IP66, IK10		
Certifications	CE/FCC		
Casing	Aluminum alloy body, bubble: plastic		
Dimensions	Ø130 × 113mm (Ø5.12" × 4.45")		
Net Weight	0.75 kg (1.65 lb)		