

AMX-8S3B3-MZ

8MP HD Vari-Focal Dome Network Camera

4K
ULTRA HD



MODEL(S) AVAILABLE

KEY FEATURES

- ▶ H.265+/H.265/H.264+/H.264/MJPEG coding
- ▶ Max. resolution: 8MP (3840 × 2160)
- ▶ ICR auto switch, true day / night vision
- ▶ 3D DNR, true WDR, HLC, BLC, smart IR and ROI coding
- ▶ 30~50m IR night view distance; Motorized zoom lens
- ▶ 1CH audio input; 1CH built-in Mic
- ▶ Built-in micro SD card slot, up to 256 GB
- ▶ 12 V DC / PoE power supply
- ▶ Support 3 streams
- ▶ IP67 & IK10 protection
- ▶ Support mobile surveillance by smart phones with iOS and Android OS
- ▶ Intelligent analytics

Product Specifications

Camera	
Image Sensor	1/2.8" 8MP CMOS
Image Resolution	3840 (H) × 2160 (V)
Electronic Shutter	1 s ~ 1/100,000 s
Minimum Illumination	0.02 lux @ F1.6, AGC ON; 0 lux with IR
Smart IR	N/A
IR Distance	30-50m
Lens Type	Motorized
Iris Type	DC Iris
Focal Length	2.8 ~ 12 mm
Angle of View	Horizontal:102°~32.1°
	Vertical :69.6°~18.4°
	Diagonal:109.6°~36.5°
Max. Aperture	F1.6
Pan / Tilt / Rotation	Pan:0° ~ 360°; Tilt:0° ~ 80°; Rotation:0° ~ 360°

Compression Standards	
Video Compression	H.265+ / H.264+ / H.265 / H.264 / MJPEG
Streaming Capability	3 Streams
Video Frame Rate	Main Stream: 8MP @ 20 fps; 6MP/5MP/4MP/2K/3MP/1080P/720P @ 25/30 fps
	Sub Stream: 720P @ 12 fps; D1/480×240 @ 25/30 fps
	Third Stream: D1/CIF/480×240 @ 25/30 fps
Video Resolution	8MP (3840 × 2160), 6MP(3072 × 2048),5MP (2592 × 1944), 4MP (2560 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Video Bitrate	64 Kbps ~ 12 Mbps
Video Bitrate Type	VBR / CBR

Image and Feature Support	
Wide Dynamic Range	120 dB true WDR
Day / Night	ICR
BLC Mode	Yes
HLC Mode	Yes
Digital Noise Reduction	3D DNR
Motion Detection	Yes
Electronic Image Stabilization	N/A
Defog	Yes
Digital Zoom	N/A
Flip	N/A
Mirror	N/A
Privacy Masking	N/A
Image Rotation	N/A
ROI	Each ROI to be configured separately
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser
Alarm Input	N/A
Alarm Output	N/A

Audio Compression	G711A/U
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Intelligent and Functions	
Intelligent Analytics	Scene change, video blur detection, video color cast detection , line crossing detection, intrusion detection

Network & Interface	
Ethernet	RJ-45
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPs, QoS
Network Interoperability	ONVIF
Streaming Method	N/A
Network Max. Users	10
Storage	Built-in Micro SD Card (support max. 256 GB)
Video Output	N/A
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction
Audio Interface	1/1
Built-in MIC	Yes
RS485	N/A
Reset Button	Yes

General	
Power Supply	DC 12 V / PoE
Power Consumption	< 10.5 W
Operating Temperature	-30 ~ 60°C (-22 ~ 140°F) / Less than 95% RH
Storage Temperature	-30 ~ 65°C (-22 ~ 149°F) / Less than 95% RH
Ingress Protection	IP67, IK10
Casing	-
Dimensions	Φ 141 × 100.2
Net Weight	Approx. 0.91KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

Product Accessories



B10-W

Product Dimensions (mm)

