

2MEW16-IP4MZ

4MP IP Motorized Infrared Bullet Camera with
ATEX Explosion proof CCTV Housing and Sunshade - 316L Stainless Steel



Features

- Day/night functionality
- Smart IR, up to 30m (98 ft) IR distance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- ONVIF Conformance
- Wide temperature range: -30°C to 60°C (-22°F to 140°F)
- Wide voltage range of $\pm 25\%$
- IP67
- IK10 vandal resistant
- 3-Axis
- Constructed of stainless steel 316L
- IP68 ingress protection
- Cable thread M25 x 1.5, or M27 x 1.25
- Sunshield and wiper included

CERTIFICATES

ATEX Certificate Mark	ExII 2G Ex db IIC T6 Gb, ExII 2D Ex tb IIC T80°C Db
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MECHANICAL

Housing	Stainless steel 316L (also available in 304)
Surface	Optional electro-polish or painting
IP	IP68 (1.2m/ 45min)
Cable Thread Hole	M25 x 1.5, or M27 x 1.25

ELECTRICAL

Voltage	AC100V~AC240V or AC24V
Power	15W/25W (with thermostat)
Surge Protect	Optional, TVS6000V surge protect
Optical Fiber Output	Optional, multimode or single mode
Optical Video Signal	1-way video output
Optional Network Signal	RJ45
Optical Audio	1-way input, 1-way output
Optical Alarm	2-way alarm input, 1-way alarm output
Address Code	0/1
Trail Cable	2m integrated cable

AMBIENT

Ambient Temperature	-25°C ~ 60°C / -40°C~60°C [-13°F ~ 140°F / -40°F ~ 140°F]
Air Pressure	80Kpa to 110Kpa
Relative Humidity	≤95% (no condensation)

COMMUNICATION

Communication Type	RS485
Protocol	Pelco-D, Pelco-P
Communicate Rate	2400~19200bps adjustable
485 Communication	Support

GENERAL

Sunshield	Yes
Wiper	Yes
Overall Dimensions	20.6" x 7" x 8.5" (in) [524 x 179 x 215 (mm)]
Inner Dimensions	9.8" x 3" x 3" (in) [250 x 75 x 75 (mm)] (L x W x D)
Weight	34.2 lbs (15.5 kgs)

CAMERA SPECIFICATIONS

Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8~12 mm, motorized zoom lens				
DORI Distance	Lens	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8mm	63	25.2	12.6	6.3
	12mm	270	108	54	27
Angle of View (H)	91.0°~27°				
Angle of View (V)	54.4°~13.7°				
Angle of View (O)	118.3°~33.2°				
Adjustment Angle	Pan: 0°~360°; Tilt: 0°~90°; Rotate: 0°~360°				
Shutter	Auto/Manual, 1~1/100000 s				

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Minimum Illumination	Color: 0.02 Lux (F1.6, AGC ON); 0 Lux with IR on
Digital noise reduction	2D/3D DNR
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>52dB
IR Range	Up to 30m (98 ft) IR range
WDR	DWDR
VIDEO	
Video Compression	Ultra265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream: 4MP (2048*1520): Max. 20fps; Sub Stream: 720P (1280*720): Max. 30 fps; Third Stream: D1 (704*576): Max. 30fps
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 8 areas
ROI	Up to 2 areas
Motion Detection	Up to 4 areas
NETWORK	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, TFTP, HTTP, HTTPS, SMTP, SSL
Compatible Integration	ONVIF(Profile S, Profile G), API
INTERFACE	
Network	1 RJ45 100M Base-TX Ethernet
Edge Storage	MicroSD, up to 128GB
GENERAL	
Power	12 V DC $\pm$ 25%, PoE (IEEE802.3 af)
Power Consumption	Max 6.5W
Dimensions (L x W x H)	253.4x86x71.7mm (9.98"x3.4"x2.8")
Weight	1kg (2.2lb)
Working Environment	-30°C ~ +60°C (-22°F ~ 140°F),
Ingress Protection	IP67
Vandal Resistant	IK10

Optional Accessories



Wall Bracket	2MEWB04 (304); 2MEWB16 (316L)
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ATEX Markings Breakdown

