

2MEWC16-IP4MZ

4MP IP Motorized Infrared Bullet Camera with
Water Cooling Explosion Proof Camera Housing - 316L Stainless Steel



Features

- Day/night functionality
- Smart IR , up to 30 m (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
- Water cooling system
- 2x G3/4 or NPT3/4 cable entries
- Can be wall or pole mounted

CERTIFICATES

Certificate Mark	ExdIIIC T5 GB/DIP A20 TA, T5
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MECHANICAL

Housing	Stainless steel 316L (also available in 304)
IP	IP68
Cable Thread Hole	2pcs G3/4 or NPT3/4

ELECTRICAL

Voltage	AC85V~AC265V or DC24V or AC24V
Power	15W

AMBIENT

Ambient Temperature	Water cooling: 0°C – to +250°C [32 °F – 250°F]
Air Pressure	80Kpa to 106Kpa
Relative Humidity	≤95% (no condensation)

GENERAL

Size	374 x 163 x 185 (mm) 14.8" x 6.4" x 7.3" (in)
Housing Inner Size	260 x 80 x 80 (mm) 10.2" x 3.1" x 3.1" (in)
Weight	9.1kg (20.1 lbs)
Mounted	wall, pole
Wall Bracket	2MEWB04 (304); 2MEWB16 (316L)

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			
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

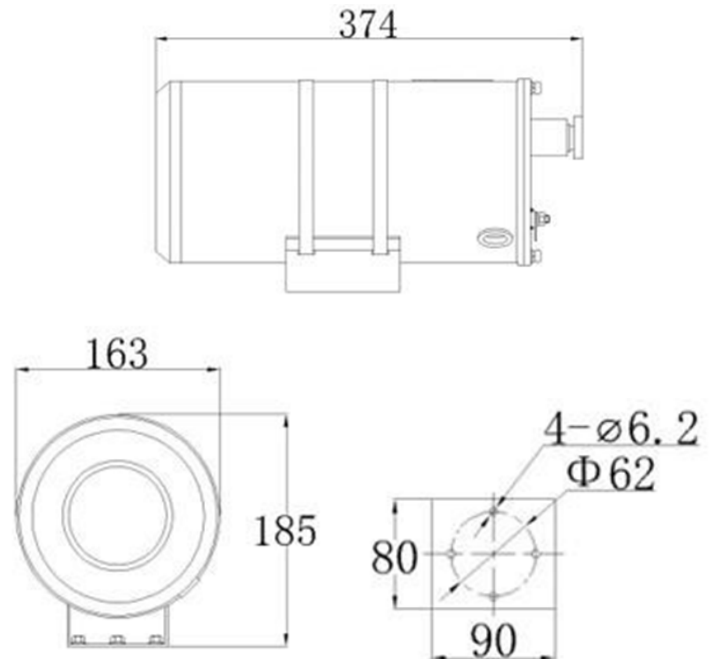
Video Compression	Ultra265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream:4MP (2048*1520): Max. 20fps; Sub Stream: 720P (1280*720): Max. 30 fps; Third Stream: D1 (704*576): Max. 30fps
HLC	Supported
BLC	Supported

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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 $\times$ W $\times$ H)	253.4 $\times$ 86 $\times$ 71.7mm (9.98" $\times$ 3.4" $\times$ 2.8")
Weight	1kg (2.2lb)
Working Environment	-30°C ~ +60°C (-22°F ~ 140°F),
Ingress Protection	IP67
Vandal Resistant	IK10

Dimensions



Dimensions in mm

Optional Accessories



Wall Bracket

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ATEX Markings Breakdown

