



Features

- ATEX/IECEx certified
- Applicable for Gas Zone 1 & Zone 2; Dust Zone 21 & Zone 22
- Rated for Groups IIA, IIB, IIC; Temperature Classes T1~T6
- Ex db IIC T6 Gb / Ex tb IIIC T80°C Db
- Max 8MP (3840*2160) @20fps
- 1/2.8" progressive scan CMOS
- 2.8 to 12 mm motorized AF zoom lens
- 60 m (196 ft) IR range
- 120 dB True WDR for high-contrast light scenes
- LightHunter technology ensures ultra-high image quality in low-light
- Ultra 265, H.265, H.264, MJPEG compression
- Smart intrusion prevention
- Intelligent People Flow Counting and Crowd Density Monitoring
- 1 in / 1 out Alarm and Audio interfaces
- 128 GB Micro SD card slot
- PoE support
- IP66, IP68 (2m 2h), IP69 enclosure protection
- Stainless steel 304/316L housing
- Optional electropolished or corrosion-resistant paint finish

Specifications

CAMERA	
Sensor	1/2.8", 8.0 megapixel, progressive scan, CMOS
Minimum Illumination	Color: 0.0025 lux (F1.6, AGC ON) 0 lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1~1/100000s

WDR	120 dB			
S/N	>56 dB			
LENS				
Lens	2.8~12 mm, AF automatic focusing and motorized zoom lens			
Iris	Fixed			
Field of View	(H)	107.4°~29.2°		
	(V)	54.2°~16.3°		
	(D)	111°~33.1°		
DORI DISTANCE				
Lens	Detect	Observe	Recognize	Identify
2.8 mm	86.9 m (285 ft)	34.8 m (114 ft)	17.4 m (57 ft)	8.7 m (28.5 ft)
12 mm	372.4 m (1222 ft)	149 m (489 ft)	74.5 m (244 ft)	37.2 m (122 ft)
ILLUMINATOR				
IR Range	Up to 60 m (196 ft)			
Wavelength	850 nm			
IR On/Off Control	Auto/Manual			
VIDEO				
Video Compression	Ultra 265, H.265, H.264, MJPEG			
H.264 Code Profile	Baseline profile, Main profile, High profile			
Frame Rate	Main Stream	8MP (3840×2160), Max 20fps; 5MP (3072×1728), Max 30fps; 4MP (2560×1440), Max 30fps; 1080P (1920×1080), Max 30fps		
	Sub Stream	1080P (1920×1080), Max 30fps; 720P (1280×720), Max 30fps; D1 (720×576), Max 30fps; 640×360, Max 30fps; 2CIF (704×288), Max 30fps; CIF (352×288), Max 30fps		
	Third Stream	D1 (720×576), Max 30fps; 640×360, Max 30fps; 2CIF (704×288), Max 30fps; CIF (352×288), Max 30fps		
Video Bit Rate	128 Kbps~16 Mbps			
U-code	Support			

Specifications

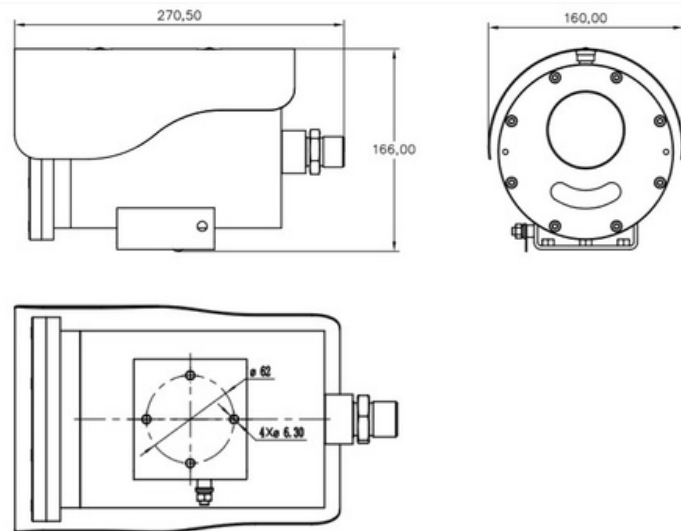
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Triple streams
IMAGE	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90° Clockwise/90° Anti-clockwise
Dewarping	Support
HLC	Support
BLC	Support
Defog	Digital Defog
INTELLIGENT	
Smart Intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Statistical Analysis	People counting, support people flow counting and crowd density monitoring
EVENTS	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
AUDIO	
Audio Compression	G.711
Audio Bitrate	64 Kbps
Two-Way Audio	Support
Suppression	Support

Sampling Rate	8 KHz	
STORAGE		
Edge Storage	Micro SD, up to 256 GB	
Network Storage	ANR, NAS (NFS)	
NETWORK		
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS, SSH	
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK	
User/Host	Up to 32 users; 2 user levels: administrator and common user	
Security	Password protection, strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF	
Client	EZStation, EZView, EZLive	
Web Browser	Plugin Live View	IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
	Plugin-Free Live View	Chrome 57 and above, Firefox 58 and above, Edge 16 and above
INTERFACE		
Audio I/O	Input	impedance 35kΩ; amplitude 2V [p-p]
	Output	impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1	
RS485	N/A	
Built-In Mic	N/A	
Built-In Speaker	N/A	
WiFi	N/A	
Network	1×RJ45 10M/100M Base-TX Ethernet	
Video Output	N/A	

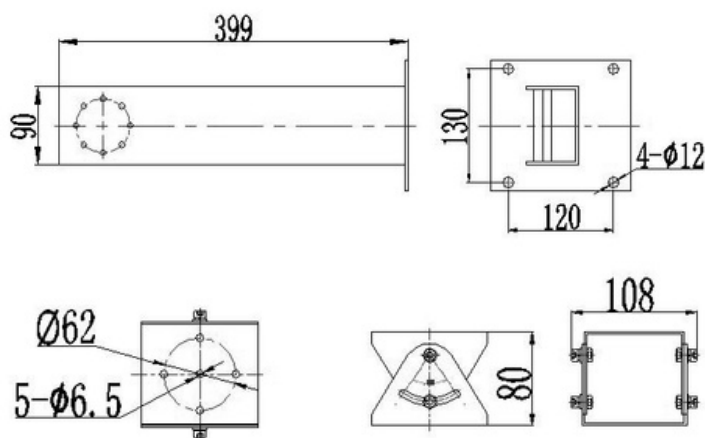
Specifications

CERTIFICATIONS	
Certifications	ATEX, IECEx certified
Explosion Proof Certification	DNV 22 ATEX 51565X IECEx DNV 22.0097X
ATEX Explosion Proof Marking	II 2 G Ex db IIC T6 Gb II 2 D Ex tb IIIC T80°C Db
IECEx Explosion Proof Marking	Ex db IIC T6 Gb/Ex tb IIIC T80°C Db
GENERAL	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 10.5 W
Pigtail Cable	2 meters; standard combined cable (power+UTP)
Dimensions (L × W × H)	270.5 mm × 166 mm × 160 mm 10.6" × 6.5" × 6.3"
Net Weight	5.6 kg (12.34 lb)
Gross Weight	6.5 kg (14.33 lb)
Material	Stainless Steel 304/316L
Ambient Temperature	-40°C to +60°C (-40°F to +140°F)
Ambient Humidity	≤95% RH (non-condensing)
Storage Temperature	-30°C to +60°C (-22°F to +140°F)
Storage Humidity	≤95% RH (non-condensing)
Surge Protection	6 kV
Ingress Protection	IP66, IP68 (2m 2h), IP69
Reset Button	N/A
Bracket	2MEWB04 (304) / 2MEWB16 (316L) Wall bracket with adapter

Diagrams



Dimensions



Accessories



2MEWB04 / 2MEWB16 - Wall bracket with adapter