



Features

- Ex d I Mb explosion-proof marking
- 2MP varifocal bullet camera with 2.8–12 mm motorized lens
- Includes Aux lights for up to 60 meters night vision
- 304/316L Stainless steel construction
- IP68 rated
- AC 127V voltage input
- Optional heater, cooling kit
- Optional audio & alarm I/O
- Suitable for coal mining, where there is an explosive mixture of methane and coal dust underground, but no corrosive gas that breaks the insulation

Available Models

MODEL	MATERIAL
2MEB04-IP2MZ	304 Stainless Steel
2MEB16-IP2MZ	316L Stainless Steel

Specifications

CERTIFICATION				
Explosion-Proof Marking		Ex d I Mb		
MA Certificate No.		CCCMT15.0384		
CAMERA				
Image Sensor		1/2.7" Progressive Scan CMOS		
Maximum Image Resolution		2.0 Megapixel		
Min. Illumination		0.01 Lux (F1.6, AGC ON), 0 Lux with IR		
Day & Night		IR-cut filter with auto switch		
Shutter		Auto/Manual, 1/100,000 s		
S/N		>52 dB		
WDR		DWDR		
LENS				
Focal Length		2.8–12 mm		
Lens Type		Motorized		
Field of View	Horizontal	112.7°–28.1°		
	Vertical	60.1°–15.4°		
	Diagonal	146.5°–33.2°		
DORI DISTANCE				
Lens	Detect	Observe	Recognize	Identify
2.8 mm	42 m (137.8 ft)	16.8 m (55.1 ft)	8.4 m (27.6 ft)	4.2 m (13.8 ft)
12 mm	180 m (590.5 ft)	72 m (236.2 ft)	36 m (118.1 ft)	18 m (59.1 ft)
AUX LIGHTS				
Illumination Distance	White Light	60 m (196.85 ft)		
	IR Lights	60 m (196.85 ft)		
VIDEO				
Video Compression		Ultra 265, H.265, H.264, MJPEG		
H.264 Type		Baseline Profile, Main Profile		

Specifications

Frame Rate	Main Stream	1080P (1920 × 1080), Max. 30 fps
	Sub Stream	720P (1280 × 720), Max. 30 fps
	Third Stream	D1 (704 × 576), Max. 30 fps
IMAGE		
Image Enhancement		2D/3D DNR
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		
Compatible Integration		ONVIF (Profile S, Profile G, Profile T), API
Protocols		IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS
STORAGE		
Edge Storage		MicroSD, up to 256 GB
Net Weight		13 kg (28.7 lb)
INTERFACE		
Network		10/100 Mbps, TCP/IP Full Duplex Communication
Cable Output		Integrated cable, 2 m (6.6 ft) long
Video Output		1 RJ45 100M Base-TX Ethernet
Fiber Optional (Optional)		2 port - Standard: Single Mode Single Fiber, 1310T/1550R; Optional: Multi Mode Single Fiber, 1310T/1550R

ELECTRICAL

Voltage Input AC 127V

Power Consumption <50 VA

ENVIRONMENT

Atmospheric Pressure 80 KPa to 106 KPa

Ambient Temperature 0°C to 40°C (32°F to 104°F)

Relative Humidity ≤95% (±25°C)

GENERAL

Ingress Protection IP68

Material 304 or 316L Stainless Steel

Window Glass Strong tempered glass

Cable Gland 2 pcs M24 × 1.5

Overall Dimensions (L × W × H) 418 mm × 360 mm × 171 mm (16.5" × 14.2" × 6.7")

Net Weight 13 kg (28.7 lb)

Dimensions – [mm]

