



Features

- Stainless steel 316L
- Protection enclosure: IP68
- Exd II CT6 Gb / Ex tD A21 IP68 T80°C
- Suitable for gas Zone 1, Zone 2, dust zone 21, 22
- Input power: AC85V ~ AC265V or DC24V or AC24V
- Lights for night vision: 0-20m, or 20-60m or 60-100m (choose two)
- Day/night functionality
- Smart IR , up to 30 m (98 ft) IR distance
- Up to 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor mode
- Customized OSD
- ONVIF Conformance
- Wide temperature range: - 35 °C to 60°C (-31 °F to 140°F)
- Wide voltage range of ±25%

HOUSING	
Atmospheric Pressure	80KPa ~ 110Kpa
Ambient Temperature	-20°C ~ 60°C [-4°F ~ 140°F]
Relative Humidity	≤ 95% (25°C) (77°F)
Ex-Proof Mark	Exd II CT6 Gb/ Ex tD A21 IP68 T80°C
Ingress Protection	IP68
Housing Materials	Stainless Steel 316L (also available in 304)
Input Voltage	DC 12V ± 25% PoE (IEEE 802.3af)
Power Consumption	7.5W Max
Cable Output	Integrated cable 2m
Cable Gland	1pcs G3 / 4 or M25 x 1.5
Dimensions (LxWxH)	319 x 144 x 168 (mm) [12.4" x 5.7" x 6.6" (in)]
Housing Net Weight	7.5Kg [16.5 lbs]
CAMERA	
Sensor	1/3", 4 megapixel, progressive scan CMOS
Lens	2.8~12mm @F1.4
Angle of View(H)	95°~29°
Shutter	Auto/Manual, 1/6~1/100000 s
Minimum Illumination	Color: 0.02 Lux (F1.4, AGC ON); 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Zoom/focus	Motor drive
S/N	>55dB
IR Range	Up to 30m (98 ft) IR range
WDR	Optical WDR (up to 120 dB)
VIDEO	
Video Compression	H.265, H.264, MJPEG
Max. Resolution	2592 × 1520
Frame Rate	4MP (2592×1520): Max. 20 fps; 4MP (2560×1440): Max. 25 fps 3MP (2048×1520): Max. 30 fps; 1080P (1920×1080): Max. 30 fps
9:16 Corridor Mode	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
ROI	Supported
Video Streaming	Triple
SMART	
Behavior Detection	Intrusion, cross line, motion detection
Exception Detection	Audio detection
Intelligent Identification	Face detection
Statistical Analysis	People counting
AUDIO	
Audio Compression	G.711
Two-way Talking	Supported
STORAGE	
Edge Storage	Micro SD, up to 128 GB

STORAGE	
Protocols	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SIP, 802.1x
Compatible Integration	ONVIF, API
INTERFACE	
Audio I/O	Audio cable Input: impedance 35 kK; amplitude 2 V [p-p] Output: impedance 600 K; amplitude 2 V [p-p]
Alarm I/O	1 / 1
Network	10M/100M Base-TX Ethernet

GENERAL	
Power	12 V DC, or PoE (IEEE802.3 af)
Power Consumption	Max 9W
Dimensions (L×W×H)	253.4 × 86 × 71.7 mm (9.98" × 3.4" × 2.8")
Weight	0.93 kg (2.05 lb)
Working Temperature	-35°C ~ +60°C (-31°F ~ 140°F)
Working Humidity	≤ 95% RH (non-condensing)
Material	Cast aluminum
Ingress Protection	IP66

Optional Accessories



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

