



## Features

- Stainless steel 304
- 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
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- Smart IR, up to 50m (164ft) IR distance
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- 2D/3D DNR (Digital Noise Reduction)
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor mode
- ONVIF Conformance
- Support PoE power supply
- Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

HOUSING					
<b>Atmospheric Pressure</b>	80KPa ~ 110Kpa				
<b>Ambient Temperature</b>	-20°C ~ 60°C [-4°F ~ 140°F]				
<b>Relative Humidity</b>	≤ 95% (25°C) (77°F)				
<b>Ex-Proof Mark</b>	Exd II CT6 Gb/ Ex tD A21 IP68 T80°C				
<b>Ingress Protection</b>	IP68				
<b>Housing Materials</b>	Stainless Steel 304 (also available in 316L)				
<b>Input Voltage</b>	DC 12V ± 25% PoE (IEEE 802.3af)				
<b>Power Consumption</b>	7.5W Max				
<b>Cable Output</b>	Integrated cable 2m				
<b>Cable Gland</b>	1pcs G3 / 4 Atau M25 x 1.5				
<b>Dimensions (LxWxH)</b>	319 x 144 x 168 (mm) [12.4" x 5.7" x 6.6" (in)]				
<b>Housing Net Weight</b>	7.5Kg [16.5 lbs]				
CAMERA					
<b>Image Sensor</b>	1/2", 8MP progressive scan, CMOS				
<b>Lens</b>	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
<b>DORI Distance</b>	<b>Lens (mm)</b>	<b>Detect (m)</b>	<b>Observe (m)</b>	<b>Recognize (m)</b>	<b>Identify (m)</b>
	2.8	63	25.2	12.6	6.3
	12	270	108	54	27
<b>Angle of View (H)</b>	114.8° ~ 47.3°				
<b>Angle of View (V)</b>	75.3° ~ 20.4°				
<b>Angle of View (O)</b>	141.2° ~ 55.8°				
<b>Adjustment angle</b>	Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotate: 0° ~ 360°				
<b>Shutter</b>	Auto/Manual, 1 ~ 1/100000s				
<b>Minimum Illumination</b>	Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR on				
<b>Day/Night</b>	IR-cut filter with auto switch (ICR)				
<b>Digital Noise Reduction</b>	2D/3D DNR				
<b>S/N</b>	>52dB				
<b>IR Range</b>	Up to 50m (164ft) IR range				
<b>Defog</b>	Digital Defog				
<b>WDR</b>	120dB				
VIDEO					
<b>Video Compression</b>	Ultra 265, H.265, H.264, MJPEG				
<b>Frame Rate</b>	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (2592*1944), Max 30fps; 5MP (2944*1656), Max 30fps; 4MP (2560*1440), Max 30fps; 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps				
<b>9:16 Corridor Mode</b>	Supported				
<b>HLC</b>	Supported				
<b>BLC</b>	Supported				
<b>OSD</b>	Up to 8 OSDs				
<b>Privacy Mask</b>	Up to 8 areas				
<b>ROI</b>	Up to 8 areas				
<b>Motion Detection</b>	Up to 4 areas				

STORAGE	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
NETWORK	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Audio I/O	Audio cable
	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]

GENERAL	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Power consumption: Max 10W
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)

### Optional Accessories



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

