

CM44007 Dome 4MP 1.6mm POE Fish Eye Camera



Key Features:

Optics

- ✓ Ultra wide angle lens, 180° panoramic image
- ✓ Smart IR, Up to 10m (33ft) IR distance
- ✓ 2D/3D DNR (Digital Noise Reduction)

Compression

- ✓ Ultra 265, H.264, MJPEG
- ✓ Built-in omni directional microphone
- ✓ Triple stream (3 panoramic view)

Network

- ✓ ONVIF Conformance

Structure

- ✓ Support PoE power supply
- ✓ Wide temperature range: -40°C ~ 60°C (-40°F ~ 140°F)
- ✓ Wide voltage range of ±25%
- ✓ IP66
- ✓ IK10

Specifications

Camera					
Image sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	1.6mm@F1.6				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	1.6	36	14.4	7.2	3.7
Angle of View	180°				
Shutter	Auto/Manual, shutter time: 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.01Lux (F1.6, AGC ON) 0Lux with IR				
Day / Night	IR-cut filter for day & night function				
Digital noise reduction	2D/3D DNR				
S/N	>55dB				
IR Range	UP to 10m (33ft)				
Defog	Digital Defog				
WDR	120dB				
Video					
Compression	Ultra265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				

Frame Rate	Main Stream : 4MP (2560*1440), Max 25fps; Sub Stream: 1080P (1920*1080), Max 25fps; Third Stream: D1 (720*576), Max 25fps
BLC	Supported
OSD	Up to 8 OSDs
ROI	Up to 8 areas
Privacy Mask	Up to 8 areas
Motion Detection	Up to 4 areas
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
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
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
Live View Display	
Mount Type	Support table, wall, and ceiling
Interface	
Audio I/O	Audio interface
	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
	3 built-in omnidirectional microphone
Alarm I/O	1/1
Built-in Mic	Supported
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
Network	1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 11W
Dimensions (Ø x H)	Φ125 x 43.7mm (Φ4.9" x 1.7")
Weight	0.39kg (0.86lb)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F), Humidity: ≤95% RH
Ingress Protection	IP66
Vandal Resistant	IK10
Reset Button	Supported

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