

CM44006 Dome 4MP 3.6mm POE AI Camera



Key Features:

Optics

- ✓ Day/night functionality
- ✓ Smart IR, up to 30m (98ft) IR distance
- ✓ Up to 120 dB WDR (Wide Dynamic Range)
- ✓ 2D/3D DNR (Digital Noise Reduction)

Compression

- ✓ Ultra 265, H.264, MJPEG
- ✓ Embedded smart algorithm
- ✓ ROI (Region of Interest)
- ✓ Customized OSD

Network

- ✓ ONVIF Conformance

Structure

- ✓ Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)
- ✓ Wide input voltage range of ±25%
- ✓ IK10 vandal resistant
- ✓ IP67
- ✓ 3-Axis

Specifications

Camera					
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	3.6mm@F2.0				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63	25.2	12.6	6.3
	3.6	81	32.4	16.2	8.1
	6.0	135	54	27	13.5
Angle of View (H)	86.4°				
Angle of View (V)	53.2°				
Angle of View (O)	112.3°				
Adjustment angle	Tilt: 0° ~ 75°				
Shutter	Auto/Manual, 1 ~ 1/100000s				

Minimum Illumination	Colour: 0.03Lux (F2.0, AGC ON) 0Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
S/N	>55dB
IR Range	Up to 30m (98ft) IR range
Defog	Digital Defog
WDR	120dB
Video	
Video Compression	Ultra 265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream: 4MP (2592*1520), Max 20fps; 4MP (2560*1440), Max 25fps; 3MP (2048*1520), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps
HLC	Supported
BLC	Supported
9:16 Corridor Mode	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Smart	
Behavior Detection	Intrusion, cross line, motion detection
Intrusion	Enter and loiter in a pre-defined virtual region
cross line	Cross a pre-defined virtual line
motion detection	Moving within a pre-defined virtual region
Recognition	Face detection, Audio detection
Intelligent Identification	Defocus, Scene Change, Object Left, Object Moving
Statistical Analysis	People counting
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

Interface	
Audio I/O	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
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 5W
Dimensions (Ø x H)	Φ108.5 x 81mm (Ø4.28" x 3.2")
Weight	0.45kg (0.99lb)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP67
Vandal Resistant	IK10

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