

4MP VF Dome Network Camera EV-IPVF4MPSD



Key Features

Optics

- Day/night functionality
- Smart IR, up to 50m (164 ft) IR distance
- Up to 120dB Optical WDR (Wide Dynamic Range)
- Low light surveillance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor mode

Network

- ONVIF Conformance

Structure

- Built-in PoE splitter that outputs DC 12V
- Wide temperature range: -40°C ~ 60°C (-40°F ~ 140°F)
- Wide voltage range of $\pm 25\%$

- IK10 vandal resistant
- IP67
- 3-Axis

Specifications

	EV-IPVF4MPSD				
Camera					
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8 ~ 12mm@F1.4				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63	25.2	12.6	6.3
	12	270	108	54	27
Angle of View (H)	91.0° ~ 27°				
Angle of View (V)	54.4° ~ 13.7°				
Angle of View (O)	118.3° ~ 33.2°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.005Lux (F1.4, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>55dB				
IR Range	Up to 50m (164 ft) IR distance				
Defog	Digital Defog (Optional)				
WDR	120dB (Optional)				
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 (Optional)				
Intrusion	Enter and loiter in a pre-defined virtual region (Optional)				
cross line	Cross a pre-defined virtual line (Optional)				
motion detection	Moving within a pre-defined virtual region (Optional)				

Recognition	Face detection, Audio detection (Optional)
Intelligent Identification	Defocus, Scene Change, Object Left, Object Moving (Optional)
Statistical Analysis	People counting (Optional)
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication (Optional)
Audio	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB (Optional)
Network Storage	ANR (Optional)
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	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: Max 7.2W
Dimensions (Ø x H)	Φ148 x 111.3mm (Ø5.8" x 4.4")
Weight	0.92kg (2.0lb)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	Supported
Certification	BIS, CE, FCC, RoHS & ISO