



4K Ultra HD Vandal-resistant Fisheye Dome Camera



Key Feature



OPTICS

Optics

- Ultra Wide Angle Lens, 360° Panoramic Image
- Embedded infrared light, 360°fill-in light, Up to 20 m (65 ft) IR distance
- 3D DNR (Digital Noise Reduction)



COMPRESSION

Compression

- 4K, Max 4000*3000 Resolution
- Built-In Pick Up, Loudspeaker, Two-way talk Supported
- Broadband audio encode, HD Audio
- Quintuple streams
- ROI(Region of interest)
- Distortion correction supported, Panoramic or partial screen support hardware calibration.



NETWORK

Network

- ONVIF Conformance



STRUCTURE

Structure

- Support PoE power supply (Optional)
- Wide temperature range : -30°C to 60° (-22°F to 140°F)
- Wide Voltage range of +-25%
- IK10, IP66



Specifications IPC868ER-VF18

Camera

Sensor	1/1.7", 12 megapixel, progressive scan, CMOS
Shutter	Auto/Manual , shutter time : 1/6 s ~1/8000 s
Minimum Illumination	Color: 0.02 Lux (F1.6, 50IRE)0 Lux with IR
S/N ratio	>55dB
Day/Night	IR-cut filter for day & night function
Focal Length	1.8mm
Aperture	F1.6

Video

Video Compression	H.264
Frame Rate	12MP (4000*3000): Max.20fps; 4K (3008*3000): Max.25fps
Maximum Streams	Six streams(1 fisheye view, 1 overall view, 4 PTZ View)
ROI(Region of Interest)	Supported
OSD	Up to 8 OSDs
Privacy Mask	Supported

Audio

Audio Compression	G.711
Two-way audio	Supported

Storage

Edge Storage	Micro SD , up to 128GB
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Network

Protocols	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, SNMP, SIP etc.
Compatible Integration	ONVIF

Interface

Audio I/O	Audio interface
	Input: impedance 35 kΩ; amplitude 2 V [p-p]
	Output: impedance 600 Ω; amplitude 2 V [p-p]
Alarm	2 / 1
	Multiple Alarm linkage editable
Interface	1 channel RS485 interface
Network	10M/100M Base-TX Auto-adaptive Ethernet
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]

General

Power	DC12V±25%, PoE (IEEE802.3at)
	Power consumption: Max. 21 W
Dimensions (L x W x H)	Φ149mm x 51.5mm (Φ5.9" x 2.0")
Weight	<0.5kg(1.1lb)
Working Environment	-30°C~60°C(-22°F ~ 140°F), Humidity ≤ 90% RH
Vandal Resistant	IK10
Ingress Protection	IP66



Dimensions

