

4K Starlight Multi-sensor Panoramic Network Camera

IPC8542ER5-DUG



Key Features

Optics

- Fifth-generation infrared technology, more than 50m (164ft) IR distance
- Starlight illumination
- IR anti-reflection window to increase the infrared transmittance
- Smart IR
- 2D/3D DNR (Digital Noise Reduction)
- 120dB true WDR
- Support not less than 180 degree panoramic view control

Compression

- H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- Customized OSD
- 8MP@30fps supported

Network

- ONVIF Conformance

Structure

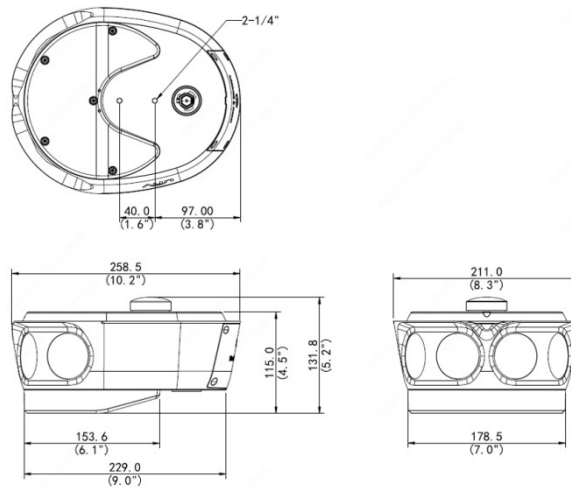
- Intelligent temperature control technology
- Wide temperature range: -40°C to 70°C (-40°F to 158°F)
- Wide voltage range of $\pm 25\%$
- More effective heat dissipation system
- IP67

Specifications

	IPC8542ER5-DUG				
Camera					
Sensor	1/1.8" progressive scan, 2.0 megapixel, CMOS*4				
Lens	4.2mm				
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
	4.2mm	50.4	20.2	10.1	5.0
Angle of View (H)	180°				
Angle of View (V)	80°				
Angle of View (O)	221.4°				
Adjustment angle	Pan: -90°~90°		Tilt: -60°~45°		
Shutter	Auto/Manual, shutter time: 1 s ~ 1/100000 s				
Minimum Illumination	Colour: 0.001lux (F1.8,AGC ON) 0.0001lux with IR				
Iris	F1.8				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>55 dB				
IR Range	UP to 50m (164ft)				
Defog	Digital Defog				
WDR	120dB				
Video					
Video Compression	H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream:8MP (4096×1800):Max. 30 fps; Sub Stream: 1920×832:Max. 30 fps; Third Stream: 1280×560: Max. 30 fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 24 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart					

Behavior Detection	Intrusion, cross line, motion detection, Legacy of goods, Moving objects	
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	
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	G7.11	
Two-way Audio	Supported	
Suppression	Supported	
Sampling Rate	8KHz	
Storage		
Edge Storage	Micro SD, up to 256 GB	
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	
Compatible Integration	ONVIF(Profile S, Profile G), API	
Interface		
Audio I/O	1 Input: impedance 35 kΩ; amplitude 2 V [p-p]	
	1 Output: impedance 600 Ω; amplitude 2 V [p-p]	
Alarm I/O	2/1	
Network	1 100M/1000M Base-FX SFP + 2 10M/100M/1000M Base-TX Ethernet	
General		
Power	AC24V/DC24V±25%	
	Power consumption: 40W	
Dimensions	259mmx211mmx132mm	
Weight	2.5kg(5.5lb)	
Working Environment	-40°C ~ +70°C (-40°F ~ 158°F), Humidity:10%~90% RH(non-condensing)	
Ingress Protection	IP67	
Reset Button	Supported	

Dimensions



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*Product specifications and availability are subject to change without notice.