

# 4K Starlight OmniView Network Camera

IPC8542ER5-DUG



## Key Features

### Optics

- Fifth-generation infrared technology, up to 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 a horizontal viewing angle of 180°

### Compression

- Ultra H.265, H.265, H.264, MJPEG
- Triple streams
- Customized OSD
- 4096×1800@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					
<b>Camera</b>					
Sensor	1/1.8" progressive scan, 2.0 megapixel, CMOS				
Lens	4 × 4.2mm lens				
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
	4.2mm	50.4 (165.4ft)	20.2(66.3ft)	10.1(33.1ft)	5.0(16.4ft)
Angle of View (H)	180°				
Angle of View (V)	80°				
Angle of View (O)	221.4°				
Adjustment angle	Pan: -90°~90°			Tilt: -45°~60°	
Shutter	Auto/Manual, shutter time: 1 s ~ 1/100000 s				
Minimum Illumination	Colour: 0.002lux (F1.8,AGC ON) 0lux 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				
<b>Video</b>					
Video Compression	Ultra H.265,H.265, H.264, MJPEG				
Frame Rate	Main Stream: 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 8 areas
ROI	Up to 8 areas
<b>Smart</b>	
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
<b>Audio</b>	
Audio Compression	G7.11
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8KHz
<b>Storage</b>	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
<b>Network</b>	
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
<b>Interface</b>	
Audio I/O	1 Input: impedance 35 k $\Omega$ ; amplitude 2 V [p-p]
	1 Output: impedance 600 $\Omega$ ; amplitude 2 V [p-p]
Alarm I/O	2/1
Network	1*100M/1000M Base-FX SFP + 2*10M/100M/1000M Base-TX Ethernet
<b>General</b>	
Power	AC24V/DC24V $\pm$ 25%
	Power consumption: 48W MAX
Dimensions	259mmx211mmx115mm
Weight	2.4kg(5.3lb)
Working Environment	-40°C ~ +70°C (-40°F ~ 158°F), Humidity:10%~95% RH(non-condensing)
Ingress Protection	IP67
Reset Button	Supported

## Dimensions

