

# 4K Ultra-HD Network IR PTZ Dome Camera

IPC6858SR-X22



## Key Features

### Optics

- 22X Optical Zoom
- Fifth-generation infrared technology, more than 250m (820ft) IR distance
- IR anti-reflection window to increase the infrared transmittance
- Optical glass window with higher light transmittance
- Smart IR
- EIS (Electronic Image Stabilization)

### Compression

- 12 Megapixel image
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- Customized OSD

### Network

- ONVIF Conformance

## Structure

- Innovative snow-removing functionality
- Intelligent temperature control technology
- More effective heat dissipation system
- 6KV surge protection designed for network interface

## Specifications

IPC6858SR-X22					
<b>Camera</b>					
Sensor	1/1.7", 12.0 megapixel, progressive scan, CMOS				
Lens	6.5 ~ 143mm				
Digital Zoom	16				
Optical Zoom	22				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	6.5	158.1	63.2	31.6	15.8
	143	3478.4	1391.4	695.7	347.8
Angle of View (H)	56.69° ~ 3.19°				
Angle of View (V)	34.2° ~ 1.6°				
Angle of View (O)	69.7° ~ 3.7°				
Shutter	Auto/Manual, shutter time: 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.01Lux (F1.5,AGC ON) 0Lux with IR				
Iris	Auto/Manual, F1.5 ~ F3.4				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>55dB				
IR Range	UP to 250m (820ft)				
Defog	Digital Defog				
WDR	DWDR				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 12MP (4000*3000), Max 20fps; 8MP (3840*2160), Max 25fps; 2MP (1920*1080), 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps				
HLC	Supported				
BLC	Supported				
EIS	Supported				
ROI	Up to 8 areas				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 24 areas				

Motion Detection	Up to 4 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	G.711
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
<b>Storage</b>	
Edge Storage	Micro SD, up to 256GB
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>Pan &amp; Tilt</b>	
Pan Range	360°
Pan Speed	0.1°/s ~ 240°/s
	Preset speed: 300°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1° ~ 160°/s
	Preset speed: 240°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Home Position	Supported
<b>Interface</b>	
Audio I/O	Audio cable
	1 Input: impedance 35kΩ; amplitude 2V [p-p]
	1 Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
Serial Port	1 RS485
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
<b>General</b>	
Power	AC 24V±25% (Default), DC 24V±25%
	Power consumption: 16 ~ 56W
Dimensions (Ø x H)	Φ270 × 496.7mm (Φ10.6" x 19.6")
Weight	9.69kg (21.4lb)
Working Environment	-40°C ~ 70°C (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP66

## Dimensions

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