



4K ULTRA-HD NETWORK IR PTZ DOME CAMERA



Key Feature



OPTICS

Optics

- Accurate and fast focusing
- 22x optical zoom
- Fourth-generation infrared technology, more than 150m (492ft) IR distance
- IR anti-reflection window to increase the infrared transmittance
- Optical glass window with higher light transmittance
- Smart IR



COMPRESSION

Compression

- 4000×3000 resolution supported
- H.264 High Profile
- Triple streams
- Customized OSD



NETWORK

Network

- Network auto-adaptability
- ONVIF Conformance
- Https security supported
- RTSP access authentication
- ARP binding



STRUCTURE

Structure

- Special structure and window design to battle bad weather (especially in dusty weather)
- Innovative snow-removing functionality
- Intelligent temperature control technology
- More effective heat dissipation system
- 6 KV surge protection designed for network interface



Specifications IPC6248SR-X22

Camera

Sensor	1/1.7" progressive scan, 12 megapixel, CMOS
Focus/Zoom	6.5~ 143 mm (22x optical zoom)
Iris	Auto/Manual, F1.5 ~ F3.4
Shutter	Auto/Manual, shutter time: 1/6 s ~ 1/8000 s
Minimum Illumination	Color: 0.02 lux (F1.5, 50IRE) B/W: 0 lux
S/N	>55dB
Day/Night	IR-cut filter with auto switch (ICR)

Video

Video Compression	H.264
Frame Rate	12 megapixel (4000×3000): Max. 20 fps; 4K (3840×2160): Max. 30 fps
Video Streaming	Triple
OSD	Time OSD, custom OSD
Privacy Mask	Supported

Audio

Audio Compression	G.711
Two-way Audio	Supported

Storage

Edge Storage	Micro SD, up to 64 GB
--------------	-----------------------

Network

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

Pan & Tilt

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 Preset	256
Patrol	Preset patrol, route patrol, recorded patrol
Home Position	Supported

Interface

Audio I/O	Audio interface
	1 Input: impedance 35 kΩ; amplitude 2 V [p-p] 1 Output: impedance 600 Ω; amplitude 2 V [p-p]
Alarm I/O	2 alarm inputs, 1 alarm output
Serial Port	1 RS485
Network	10M/100M Base-TX adaptive Ethernet
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]

General



Power	24 V AC±25% (default power supply), 24 V DC±25%
	Power consumption: 14 W ~ 48 W
	Overvoltage/overcurrent protection
Dimensions (Ø x H)	Ø227 mm x 359.4 mm (Ø8.9" x 14.2")
Weight	5.5 kg (12.1 lb)
Working Environment	-40°C ~ +70°C (-40°F ~ 158°F), Humidity ≤ 90% RH(non-condensing)
Ingress Protection	IP66

Accessories

Installation mode	Accessories	Description
Pendant mount	TR-CE45-IN bracket	/
	Pendant components:	
	TR-UF45-A-IN indoor ceiling plate	Ceiling plate is optional with different pendant rod for various applications
	TR-UF45-B-IN outdoor ceiling plate	
	TR-SE45-IN pendant rod (200mm)	
TR-SE45-A-IN pendant rod (500mm)		
Standing pole mount	Customized bracket	The interface is designed with internal G1½ screws. The screw depth must be more than 23 mm.
Wall mount	TR-WE45-IN bracket	/
Corner mount	TR-WE45-IN bracket + TR-UC08-A-IN bracket	/
Pole mount	TR-WE45-IN bracket + TR-UP08-A-IN bracket	/

Dimensions

