

4MP+4MP LightHunter Dual-lens Network PTZ Camera

IPC94144SR-X25-F40C





Features

- Fixed camera and PTZ camera integration, dual channels with one IP, look at overall situation and consider details at the same time
- High quality image with 4MP,1/2.7" CMOS sensor
- Ultra 265, H.265, H.264, MJPEG
- 25X optical zoom of PTZ channel allows for closer viewing of subjects
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
- PTZ channel can be linked to fixed channel's smart intrusion prevention to track the objects triggering the rule
- Support sound and light warning, makes warning and alarming more noticeable
- LightHunter technology ensures ultra-high image quality in low illumination environment
- DC12V or PoE+(IEEE 802.3at) power supply
- Alarm 2 in and 1 out, Audio 1 in and 1 out

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Specifications

Channel	Channel 1 (Panorama)	Channel 2 (Detail)	
Camera			
Min. Illumination	Color: 0.003 lux (F1.6, AGC ON)	Color: 0.003 lux (F1.5, AGC ON)	
	0 lux with IR	0 lux with IR	
Day/Night	IR-cut filter with auto switch (ICR)		
Shutter	Auto/Manual, 1 to 1/100000 s		
WDR	120 dB		
S/N	>56 dB		
Lens			
Focal Length	4.8 to 120 mm		
DORI			
DORI Distance (Detect)	90.0m (295.3ft)	123.8m ~ 2475.0m (406.0ft ~ 8120.1ft)	
DORI Distance (Observe)	36.0m (118.1ft)	49.5m ~ 990.0m (162.4ft ~ 3248.0ft)	
DORI Distance (Recognize)	18.0m (59.1ft)	24.8m ~ 495.0m (81.2ft ~ 1624.0ft)	
DORI Distance (Identify)	9.0m (29.5ft)	12.4m ~ 247.5m (40.6ft ~ 812.0ft)	
Illuminator			
Illumination Distance (IR)	30 m (98.4 ft)	100 m (328.1 ft)	
Wavelength	850 nm		
Supplemental Light	IR		
Light On/Off Control	Auto/Manual		
Intelligent			
People Counting	Support People Flow Counting and Crowd Density Monitoring		
Linkage Function	Support. Triggered by fixed lens via smart intrusion prevention function to track target	N/A	
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)		
PTZ			
Pan Range	N/A	360°	
Pan Speed	N/A	0.1°/s ~ 80°/s	
Tilt Speed	N/A	0.1°/s ~ 80°/s	





Tilt Range	18° ± 5°	−15° ~ 90°
Number of Presets (IPC)	N/A	1024
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Preset Patrol	N/A	16 patrols, up to 64 presets for each patrol
Route Patrol	N/A	16 patrols, up to 32 actions for each patrol
Recorded Patrol	N/A	16 patrols, up to 128 actions for each patrol
Patrol Stay Time	15 s to 1800 s	
Preset Image Freeze	N/A	
Home Position	N/A	Support
Video		
Frame Rate Privacy Mask Frame Rate-Main Stream	Main Stream: 4MP (2688×1520), Max 30fps; Sub Stream: 720P (1280×720), Max 30fps; Third Stream: D1 (720×576), Max 30fps; Up to 4 areas 4MP (2688 × 1520) @ 25 fps (Default) 4MP (2688 × 1520), Max 30fps; 4MP (2560 × 1440), Max 30fps; 2MP (1020 × 1080), Max 20fps;	Main Stream: 4MP (2688×1520), Max 30fps; Sub Stream: 1080P (1920×1080), Max 30fps; Third Stream: D1 (720×576), Max 30fps; 24 areas, up to 4 areas per scene
Frame Rate-Main Stream	2MP (1920 × 1080), Max 30fps; 720P (1280 × 720), Max 30fps; D1 (720 × 576), Max 30fps; 640 × 360, Max 30fps;	
Frame Rate-Sub Stream	720P (1280 × 720), Max 30fps; D1 (720 × 576), Max 30fps; 640 × 360, Max 30fps;	2MP (1920 × 1080), Max 30fps; 720P (1280 × 720), Max 30fps; D1 (720 × 576), Max 30fps; 640 × 360, Max 30fps;
Frame Rate-Third Stream	D1 (720 × 576), Max 30fps; 640 × 360, Max 30fps; 2CIF (704 × 288), Max 30fps; CIF (352 × 288), Max 30fps;	





Frame Rate Recommendation	2688 × 1520@30fps+720P@30fps+D1@16fps 2688 × 1520@30fps+720P@25fps+D1@30fps 2688 × 1520@25fps+720P@25fps+D1@25fps 2560 × 1440@30fps+720P@30fps+D1@30fps 2560 × 1440@30fps+720P@25fps+D1@30fps 2560 × 1440@25fps+720P@25fps+D1@25fps 1080P@30fps+720P@30fps+D1@30fps 1080P@25fps+720P@25fps+D1@25fps	2688 × 1520@30fps+1080P@30fps+D1@16fps 2688 × 1520@30fps+1080P@25fps+D1@30fps 2688 × 1520@25fps+1080P@25fps+D1@25fps 2560 × 1440@30fps+1080P@30fps+D1@30fps 2560 × 1440@30fps+1080P@25fps+D1@30fps 2560 × 1440@25fps+1080P@25fps+D1@25fps 1080P@30fps+1080P@30fps+D1@30fps 1080P@25fps+1080P@25fps+D1@25fps	
Video Compression	Ultra 265, H.265, H.264, MJPEG		
Video Bit Rate	128 Kbps to 16 Mbps		
U-code	Support		
ROI	Support		
Video Stream	Triple Streams		
OSD	Up to 8 OSDs		
Image			
Defog	Digital Defog		
White Balance	Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2		
Digital Noise Reduction	2D/3D DNR		
Smart IR	Support		
Flip	Normal, Flip Vertical, Flip Horizontal, 180°		
HLC	Support		
BLC	Support		
Heatwave Reduction	Support	Support	
Events			
Basic Detection	Motion Detection, Audio Detection, Tampering Alarm		
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, Alarm Input, Alarm Output		
Audio			
Audio Compression	G.711U, G.711A		
Audio Bitrate	128 Kbps		
Two-way Audio	Support		
Suppression	Support		
Sampling Rate	16 kHz		

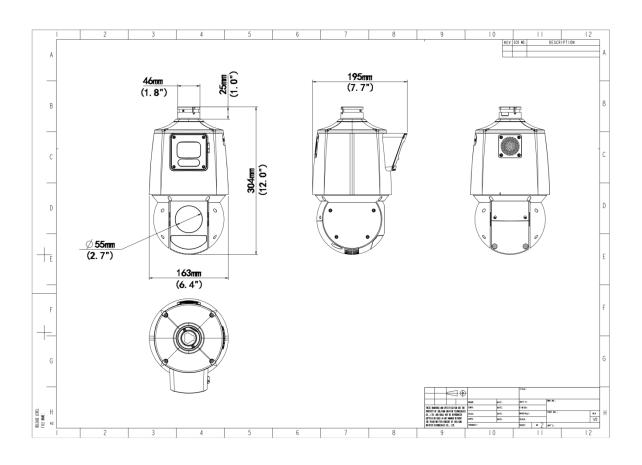


Storage			
Edge Storage	Micro SD, up to 512 GB		
Network Storage	ANR		
Network			
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS		
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK		
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator		
Security	TLS1.3, Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF	Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF, TLS1.3	
Client	EZStation, UNV-Link, UNV-Link Pro	EZStation, UNV-Link, UNV-Link Pro	
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Fire	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+	
Interface			
Audio I/O	1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p]		
Alarm I/O	2/1	2/1	
Serial Port	1 channel RS485 interface		
Built-in Mic	N/A		
Built-in Speaker	Support	Support	
WIFI	N/A		
Network	1 × RJ45 10 M/100 M Base-TX Ethernet		
Video Output	N/A	N/A	
Certification	Certification		
EMC	CE-EMC (EN 55032: 2015+A1: 2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 201 2021, EN 55035: 2017+A11: 2020)		
	FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)		
Safety	CE LVD (EN 62368-1: 2014+A11: 2017)		
	UL (UL 62368-1, 2nd Ed , Issue Date: 2014-12-01)		
Environment	CE-RoHS (2011/65/EU; (EU) 2015/863)		
Protection	IP66 (IEC 60529 : 1989+AMD1: 1999+AMD2: 2013)		
General			



Power	DC12V (±25%), PoE+ (IEEE 802.3at)
Power Consumption	MAX 24W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	304 x 195 x 163mm (12.0" x 7.7" x 6.4") (L x W x H)
Weight	2.27kg (5.00lb)
Working Environment	-40 °C to 65 °C (-40 °F to 149 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Web Client Language	22 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin
	America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak

Dimensions





Accessories

TR-UF45-A-IN

Dome Indoor Ceiling Mounting Pedes tal



Dome Ceiling Mounting Pole 500

TR-SE45-IN

Dome Ceiling Mounting Pole 200







TR-CE45-IN

Dome Indoor Ceiling Mounting Brack

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TR-WE45-IN TR-WE45-A-IN

Long Wall Mounting Bracket for Do me





Dome Wall Mounting Bracket



TR-WE45-B-IN

Dome Gooseneck Bracket



TR-JB12-IN

Dome Junction Box



TR-UP08-A-IN

Dome Pole Mounting Bracket



TR-UP08-B-IN

Aluminium Alloy Pole Mounting Bracket



TR-UC08-A-IN

Dome Corner Mounting Bracket



TR-UC08-B-IN

Aluminium Alloy Corner Mounting B racket



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