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

IPC94144SFW-X25-F40C

Key Features

| Smart Intrusion Prevention | Face Capture | Deep People Counting | Linkage | Lighthunter | Edge Storage | Ultra H.265 | POE |

- Fixed camera and PTZ camera integration, dual channels with one IP, look at overall situation and consider details at the same time
- 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
- Face capture, automatic selection of best snapshots, support face detection masked area
- 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 light warning, makes warning and alarming more noticeable
- Lighthunter technology ensures ultra-high image quality in low illumination environment
- IR & warm light illumination to deal with different scenes and achieve full-color illumination
- DC12V or PoE+(IEEE 802.3at) power supply
- Alarm 2 in and 1 out, Audio 1 in and 1 out

Specifications

	IPC94144SFW-X25-F40C	
Camera	Panorama	Detail
Sensor	1/1.8", 4MP, CMOS	1/2.7", 4MP, CMOS
Min. Illumination	Color:0.0005 lux (F1.0, AGC ON) 0 lux with warm light	Color:0.003 lux (F1.5, AGC ON) 0 lux with IR
Day/Night	N/A	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s	
WDR	120dB	
S/N	> 56dB	
Lens		
Lens type	4mm@F1.0	4.8~120mm@F1.5, AF automatic focusing and motorized zoom lens
Optical Zoom	N/A	25X
Iris	Fixed aperture; F1.0	Auto; F1.5(W)~F3.8(T)
Field of View (H)	94.9°	55.46° ~ 3.09°
Field of View (V)	51.5°	32.94° ~ 1.73°
Field of View (D)	116.7°	68.22° ~ 3.65°

DORI					
	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
DORI Distance	4 (Panorama)	62.1 (203.6 ft)	24.8 (81.5 ft)	12.4 (40.7 ft)	6.2 (20.4 ft)
	4.8 (Detail)	123.8 (406.0 ft)	49.5 (162.4 ft)	24.8 (81.2 ft)	12.4 (40.6 ft)
	120 (Detail)	2475.0 (8120.1 ft)	990.0 (3248.0 ft)	495.0 (1624.0 ft)	247.5 (812.0 ft)

Illuminator		
IR Range	N/A	Up to 100m (328.1 ft)
Warm Light Range	Up to 30m (98.4 ft)	N/A
Wavelength	N/A	850nm (IR)
Light On/Off Control	Auto/Manual	
Video		
Video Compression	Ultra 265, H.265, H.264, MJPEG	
Frame Rate	Main Stream: 4MP (2688*1520),Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps;	Main Stream: 4MP (2688*1520),Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; Third Stream: D1 (720*576), Max 30fps;
Video Bit Rate	128 Kbps ~ 16 Mbps	
U-code	Support	
ROI	Up to 8 areas	
Video stream	Triple streams	
OSD	Up to 8 OSDs	
Privacy Mask	Up to 4 areas per scene	24 areas, up to 4 areas per scene
Image		
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
Defog	Digital defog

Intelligent		
Smart Intrusion Prevention	Support false alarm filtering: Cross line detection, Intrusion detection, Enter area detection, Leave area detection	
Face Capture	Support. Face attributes: Gender, Age range, Glasses, Mask	Support
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

Events		
Basic Detection	Motion detection, Audio detection, Tampering Alarm	
Auto Tracking	N/A	Support
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication	

Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz

Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS(NFS)

Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, operator and common user
Security	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
Client	EZStation EZLive EZView
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above

Pan & Tilt		
Pan Range	N/A	360°
Pan Speed	N/A	0.1°/s ~ 80°/s
	Preset speed: N/A	Preset speed: 80°/s
Tilt Range	18° ± 5°	-15° ~ 90°
Tilt Speed	N/A	0.1°/s ~ 80°/s
	Preset speed: N/A	Preset speed: 80°/s
Number of Presets	1024	
Preset Patrol	16 patrols, up to 64 presets for each patrol	
Route Patrol	16 patrols, up to 32 actions for each patrol	
Recorded Patrol	16 patrols, up to 128 actions for each patrol	
Patrol Stay Time	15s~1800s	
Preset Image Freeze	N/A	
Home Position	Support	

| Interface	
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	1 RS485
Built-in Mic	N/A
Built-in Speaker	Support
Wi-Fi	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 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) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)
General	
Power	DC12V (±25%), PoE+(IEEE 802.3at)
	Power consumption: MAX 24W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Φ163 x 304mm (Φ6.4" x 12.0")
Weight	2.27kg (5.00lb)
Working Environment	-40℃ ~ +65℃(-40°F ~ +149°F)，Humidity: ≤95% RH (non-condensing)
Storage Environment	-40℃ ~ +70℃(-40°F ~ +158°F)，Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Reset button	Support

Dimensions
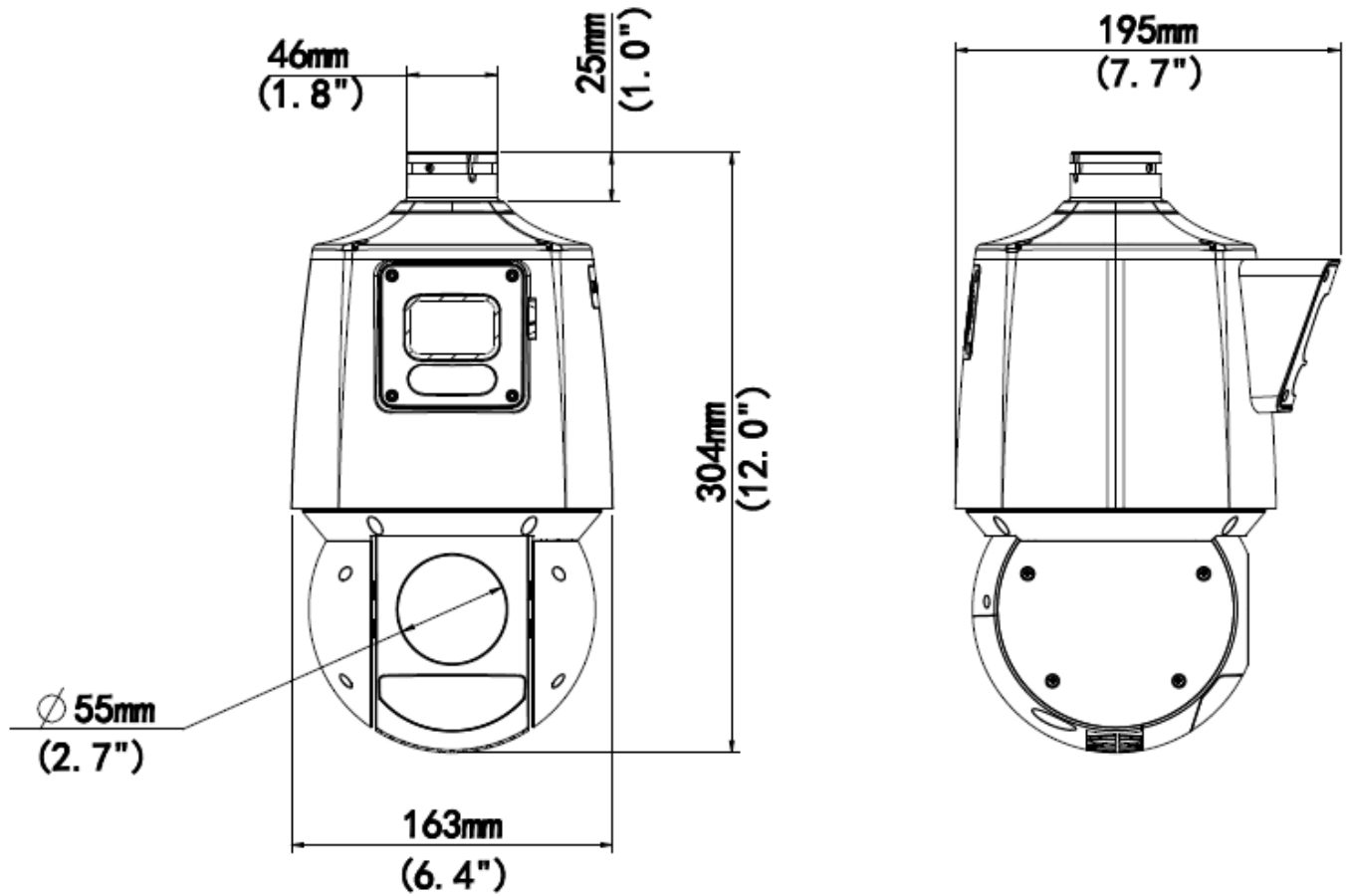
Accessories

TR-CE45-IN	TR-WE45-IN	TR-UF45-A-IN	TR-JB12-IN	TR-SE45-A-IN
Pendent Mount	Wall Mount	Pendent Mount	Junction Box	Pendent Mount

TR-SE45-IN	TR-UP08-A-IN/TR-UP08-B-IN	TR-UC08-A-IN/ TR-UC08-B-IN	TR-WE45-B-IN	TR-WE45-A-IN
Pendent Mount	Pole Mount	Corner Mount	Wall Mount	Wall Mount
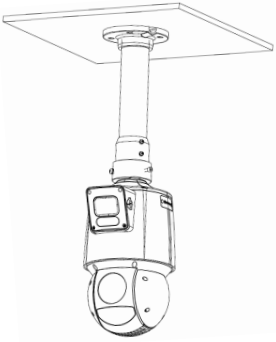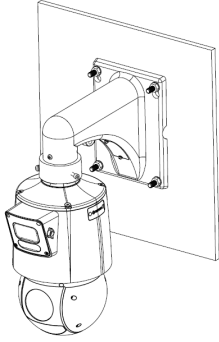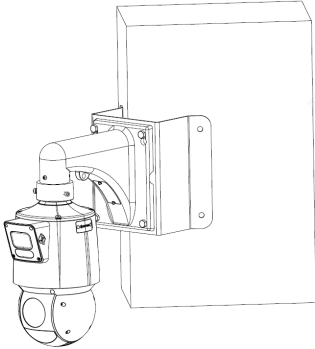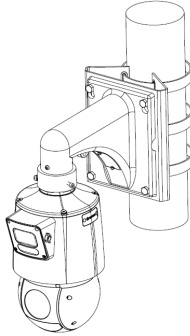
Pendent Mount (Indoor Use)	Wall Mount
TR-CE45-IN	TR-WE45-IN / TR-WE45-A-IN
Corner Mount	**Pole Mount**
TR-UC08-A-IN + TR-JB12-IN + TR-WE45-IN	TR-UP08-A-IN + TR-JB12-IN + TR-WE45-IN

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*Product specifications and availability are subject to change without notice