



IPC94144SFW-X25-F40C-NB



Key Features



- Fixed camera & PTZ camera integration, dual channels with one IP, look at overall situation & 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
- People Counting, support people flow counting & 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 & alarming more noticeable
- LightHunter technology ensures ultra-high image quality in low illumination environment IR & warm light illumination to deal with different scenes & achieve full-color illumination
- DC12V or PoE+(IEEE 802.3at) power supply
- Alarm 2 in & 1 out, Audio 1 in & 1 out



Specifications

IPC94144SFW-X25-F40C-NB					
Camera					
Panorama		Detail			
Sensor	1/2.8" 2MP 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		
Day/Night	N/A		IR-Cut filter with auto switch (ICR)		
Shutter	Auto, manual, 1 ~ 1/100000s				
WDR	120 dB				
S/N	>56dB				
Lens					
Lens Type	4mm@F1.0		4.8 ~ 120mm@F1.5 AF automatic focusing & 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)	116.67°		68.22° ~ 3.65°		
DORI					
DORI Distance	Lens (mm)	Detect (mm)	Observe (m)	Recognize (m)	Identify (m)
	4 (Panorama)	62.1 (203.6ft)	24.8 (81.5ft)	12.4 (40.7ft)	6.2 (20.4ft)
	4.8 (Detail)	123.8 (406.0ft)	49.5 (162.4ft)	24.8 (81.2ft)	12.4 (40.6ft)
	120 (Detail)	2475.0 (8120.1ft)	990.0 (3248.0ft)	495.0 (1624.0ft)	247.5 (812.0ft)
Illuminator					
IR Range	N/A		Up to 100m (328.1ft)		
Warm Light Range	Up to 30m (98.4ft)		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 x 1520) max. 30fps Sub Stream: 1080p (1920 x 1080) max. 30fps Third Stream: D1 (720 x 576) max. 30fps	Main Stream: 4MP (2688 x 1520) max. 30fps Sub Stream: 720p (1280 x 720) max. 30fps Third Stream: D1 (720 x 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 & leave area detection	
People Counting	Support people flow counting & 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 & User authentication	

Audio

Audio Compression	G.711U, G.711A
Audio Bitrate	65 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 & common user
Security	Password protection, strong password, HTTPS encryption, export operation logs, basic & digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE & digest authentication for ONVIF
Client	EZStation EZLive EZView
Web Browser	Plug-in required live view: IE 10 & above, Chrome 45 & above, Firefox 52 & above, Edge 79 & above

Pan & Tilt

Pan Range	N/A	360°
Pan Speed	N/A Preset Speed: N/A	0.1°/s ~ 80°/s Preset Speed: 80°/s



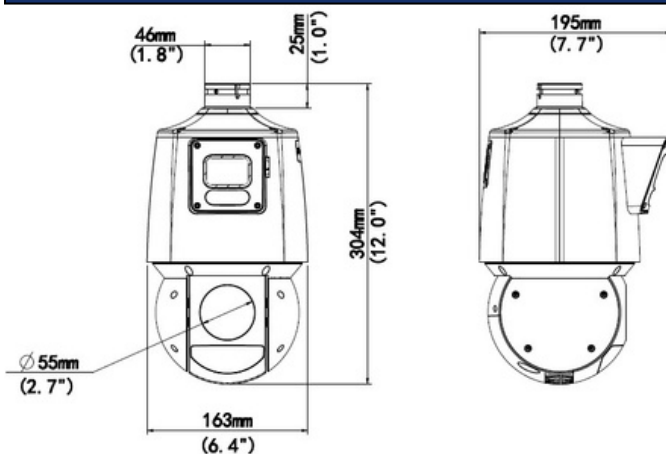
Tilt Range	18° ± 5°	-15° ~ 90°
Tilt Speed	N/A Preset Speed: N/A	0.1°/s ~ 80°/s Preset Speed: 80°/s
Number of Presets	1024	
Preset Patrol	16 patrols, up to 64 presets for each patrol	
Route Patrol	16 patrols, up to 32 actions for each patrol	
Recorded Patrol	16 patrols, up to 128 actions for each patrol	
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 ($\pm 25\%$), PoE+ (IEEE 802.3at) Power consumption: MAX 24W
Power Interface	$\varnothing$ 5.5mm coaxial power plug
Dimensions	$\varnothing 163 \times 304\text{mm}$ ($\varnothing 6.4" \times 12.0"$) ($\Phi \times H$)
Weight	2.27kg (5.00lb)
Working Environment	$-40^{\circ}\text{C} \sim +65^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim +149^{\circ}\text{F}$), Humidity: $\leq 95\%$ RH (non-condensing)
Storage Environment	$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim +158^{\circ}\text{F}$), Humidity: $\leq 95\%$ RH (non-condensing)
Surge Protection	6KV
Reset Button	Support

Dimensions



Accessories



TR-CE45-IN
Pendent Mount



TR-WE45-IN
Wall Mount



TR-UF45-A-IN
Pendent Mount



TR-JB12-IN
Junction Box



TR-SE45-A-IN
Pendent Mount



TR-UP08-B-IN
Pole Mount



TR-UC08-B-IN
Corner Mount



TR-WE45-B-IN
Wall Mount



TR-WE45-A-IN
Wall Mount