

IPC94144SFW-X25-F40C

IPC94144SFW-X25-F40C 4MP+4MP Lighthunter Dual-lens Network PTZ Camera

- Fixed camera and PTZ camera integration, dual channels with one IP, look at the 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
- 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

|                   |       |
|-------------------|-------|
| Type              | IP    |
| Megapixel         | 4 MP  |
| Objective         | PTZ   |
| Focus             | 4 mm  |
| Lighting          | IR    |
| Lighting distance | 30 m  |
| Protection        | IP66  |
| Material          | Metal |



| Model             | 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)<br>0 lux with warm light | Color:0.003 lux (F1.5, AGC ON)<br>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                 |                                  |                    |                                                               |                   |                  |
| DORI Distance        | Lens (mm)                        | Detect (m)         | Observe (m)                                                   | Recognize (m)     | Identify (m)     |
|                      | 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 |                    | Main Stream: 4MP (2688*1520),Max                              |                   |                  |

|                         |                                                                                                                                     |                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|                         | 30fps;<br>Sub Stream: 1080P (1920*1080), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps;                                       | 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps;<br>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                                                                                                                       |                                                                                             |
| 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                                                                                                                             |                                                                                             |
|                         |                                                                                                                                     |                                                                                             |

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Suppression            | Support                                                                                                                                                                                                    |                     |
| Sampling Rate          | 8 kHz                                                                                                                                                                                                      |                     |
| Storage                |                                                                                                                                                                                                            |                     |
| Edge Storage           | Micro SD, up to 256 GB                                                                                                                                                                                     |                     |
| Network Storage        | ANR                                                                                                                                                                                                        |                     |
| 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<br>EZLive<br>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                                                                                                                                                           |
| <b>Interface</b>     |                                                                                                                                                                   |
| 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                                                                                                                                                               |
| <b>Certification</b> |                                                                                                                                                                   |
| 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)<br>FCC (FCC CFR 47 part15 B, ANSI C63.4-2014) |
| Safety               | CE LVD (EN 62368-1:2014+A11:2017)<br>CB (IEC 62368-1:2014)<br>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)                                                                                                                         |
| <b>General</b>       |                                                                                                                                                                   |
| 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°C ~ +65°C(-40°F ~ +149°F)□Humidity: ≤95% RH (non-condensing) |
| Storage Environment | -40°C ~ +70°C(-40°F ~ +158°F)□Humidity: ≤95% RH (non-condensing) |
| Surge protection    | 6KV                                                              |
| Reset button        | Support                                                          |

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