

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

#### IPC94144SR-X25-F40C



#### **Key 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

|                                 | IPC94144SR-X25-F40C                             |                                      |                                |  |                   |                  |  |
|---------------------------------|---|--------------------------------------|--------------------------------|--|-------------------|------------------|--|
| Camera                          | Panorama  |                                      |                                | Detail   |                   |                  |  |
| Sensor                          | 1/2.7", 4MP, CMOS                               |                                      |                                | 1/2.7", 4MP, CMOS  |                   |                  |  |
| Color:0.003 lux (F1.6, AGC ON)  |   |                                      | Color:0.003 lux (F1.5, AGC ON) |  |                   |                  |  |
| Min. Illumination 0 lux with IR |   |                                      | 0 lux with IR                  |  |                   |                  |  |
| Day/Night                       | IR-cut filter with auto sw                      | IR-cut filter with auto switch (ICR) |                                |  |                   |                  |  |
| Shutter                         | Auto/Manual, 1 ~ 1/100                          | 000s                                 |                                |  |                   |                  |  |
| WDR                             | 120dB   | 120dB                                |                                |  |                   |                  |  |
| S/N                             | > 56dB  |                                      |                                |  |                   |                  |  |
| Lens                            |   |                                      |                                |  |                   |                  |  |
| Lens type                       | 4mm@F1.6  |                                      |                                | 4.8~120mm@F1.5,  AF automatic focusing and motorized zoom lens |                   |                  |  |
| Optical Zoom                    | N/A   | N/A                                  |                                |  | 25X               |                  |  |
| Iris                            | Fixed aperture; F1.6                            |                                      |                                | Auto; F1.5(W)~F3.8(T)  |                   |                  |  |
| Angle of View (H)               | 91.3°   |                                      |                                | 55.46° ~ 3.09°   |                   |                  |  |
| Angle of View (V)               | 51.5°   |                                      |                                | 32.94° ~ 1.  | 73°               |                  |  |
| Angle of View (O)               | 112.3°  |                                      |                                | 68.22° ~ 3.65°   |                   |                  |  |
| DORI                            |   |                                      |                                | ı  |                   |                  |  |
|                                 | Lens (mm)                                       | Detect (m)                           | Observe (m                     | n)   | Recognize (m)     | Identify (m)     |  |
|                                 | 4 (Panorama)                                    | 90.0 (295.3 ft)                      | 36.0 (118.1                    | . ft)  | 18.0 (59.1 ft)    | 9.0 (29.5 ft)    |  |
| DORI Distance                   | 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 (324                     | 8.0 ft)  | 495.0 (1624.0 ft) | 247.5 (812.0 ft) |  |
| Illuminator                     |   |                                      |                                | <u>-</u>   |                   |                  |  |
| IR Range                        | Up to 30m (98.4 ft)                             |                                      |                                | Up to 100m (328.1 ft)  |                   |                  |  |
| Wavelength                      | 850nm (IR)                                      |                                      |                                |  |                   |                  |  |
| Light On/Off Control            | Auto/Manual                                     |                                      |                                |  |                   |                  |  |
| Video                           |   |                                      |                                |  |                   |                  |  |
| Video Compression               | Ultra 265, H.265, H.264,                        | MJPEG                                |                                |  |                   |                  |  |
|                                 | Main Stream: 4MP (2688*1520),Max 30fps;         |                                      |                                | Main Stream: 4MP (2688*1520),Max 30fps;                        |                   |                  |  |
| Frame Rate                      | Sub Stream: 1080P (1920*1080), Max 30fps;       |                                      |                                | Sub Stream: 720P (1280*720), Max 30fps;                        |                   |                  |  |
|                                 | Third Stream: D1 (720*576), Max 30fps;          |                                      |                                | Third Stream: D1 (720*576), Max 30fps;                         |                   |                  |  |
| Video Bit Rate                  | 128 Kbps ~ 16 Mbps                              |                                      |                                |  |                   |                  |  |
| U-code                          | Support   |                                      |                                |  |                   |                  |  |
| ROI                             | Up to 8 areas                                   | Up to 8 areas                        |                                |  |                   |                  |  |
| Video stream                    | Triple streams                                  | Triple streams                       |                                |  |                   |                  |  |
| OSD                             | Up to 8 OSDs                                    | Up to 8 OSDs                         |                                |  |                   |                  |  |
| Privacy Mask                    | Up to 4 areas per scene                         |                                      |                                | 24 areas, up to 4 areas per scene                              |                   |                  |  |
| Image                           | I   |                                      |                                |  |                   |                  |  |
| 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   |                                      |                                |  |                   |                  |  |



## DATASHEET

| Defog                      | Digital defog  |                     |  |  |  |
|----------------------------|--|---------------------|--|--|--|
| Intelligent                |  |                     |  |  |  |
| Smart Intrusion Prevention | Support false alarm filtering: Cross line detection, Intrusion detection, Enter area detection, Leave area detection   |                     |  |  |  |
| 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°                |  |  |  |
|                            | N/A  | 0.1°/s ~ 80°/s      |  |  |  |
| Pan Speed                  | Preset speed: N/A  | Preset speed: 80°/s |  |  |  |
| Tilt Range                 | 18° ± 5°   | -15° ~ 90°          |  |  |  |
|                            | N/A  | 0.1°/s ~ 80°/s      |  |  |  |
| Tilt Speed                 | 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  |                     |  |  |  |
|                            | I IN/A   |                     |  |  |  |
| Home Position              |  |                     |  |  |  |
| Home Position Interface    | Support  |                     |  |  |  |

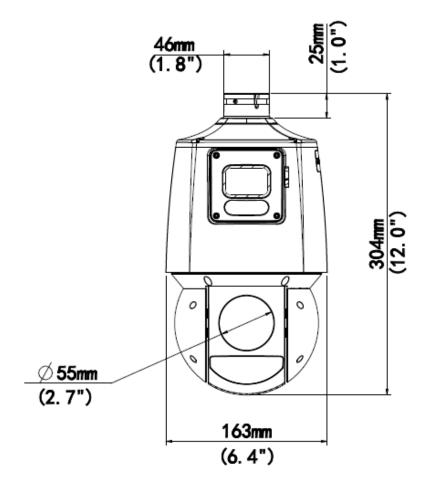


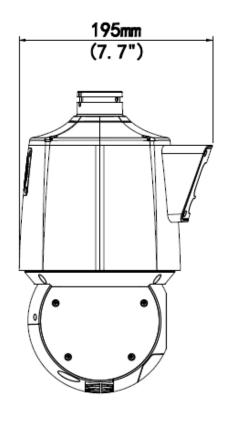
# DATASHEET

| 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) |  |  |  |
|                     |  |  |  |  |
|                     | CE LVD (EN 62368-1:2014+A11:2017)  |  |  |  |
| Safety              | 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               | Power consumption: MAX 24W   |  |  |  |
| Power Interface     | Ø 5.5mm coaxial power plug   |  |  |  |
| Dimensions (Ø x H)  | Ф163 x 304mm (Ф6.4" 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    | бку  |  |  |  |
| Reset button        | Support  |  |  |  |



### **Dimensions**





#### **Accessories**





| 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 |  |
|  |  |  |

#### Zhejiang Uniview Technologies Co., Ltd.

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China (310051)

Email: overse as business@uniview.com; global support@uniview.com

http://www.uniview.com

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 ${}^{*}\operatorname{Product}$  specifications and availability are subject to change without notice