

# 4MP Lighthunter WDR IR Network Bullet Camera

IPC2A24SE-ADZK-IO



## Key Features



- High quality image with 4MP, 1/1.8" CMOS sensor
- 2688\*1520@30fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- 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
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Built-in heater, support normal start-up at low temperature
- DC12V or PoE (IEEE 802.3af) power supply
- Wide voltage range of  $\pm 25\%$  in DC
- Audio 1 in and 1 out, Alarm 2 in and 1 out

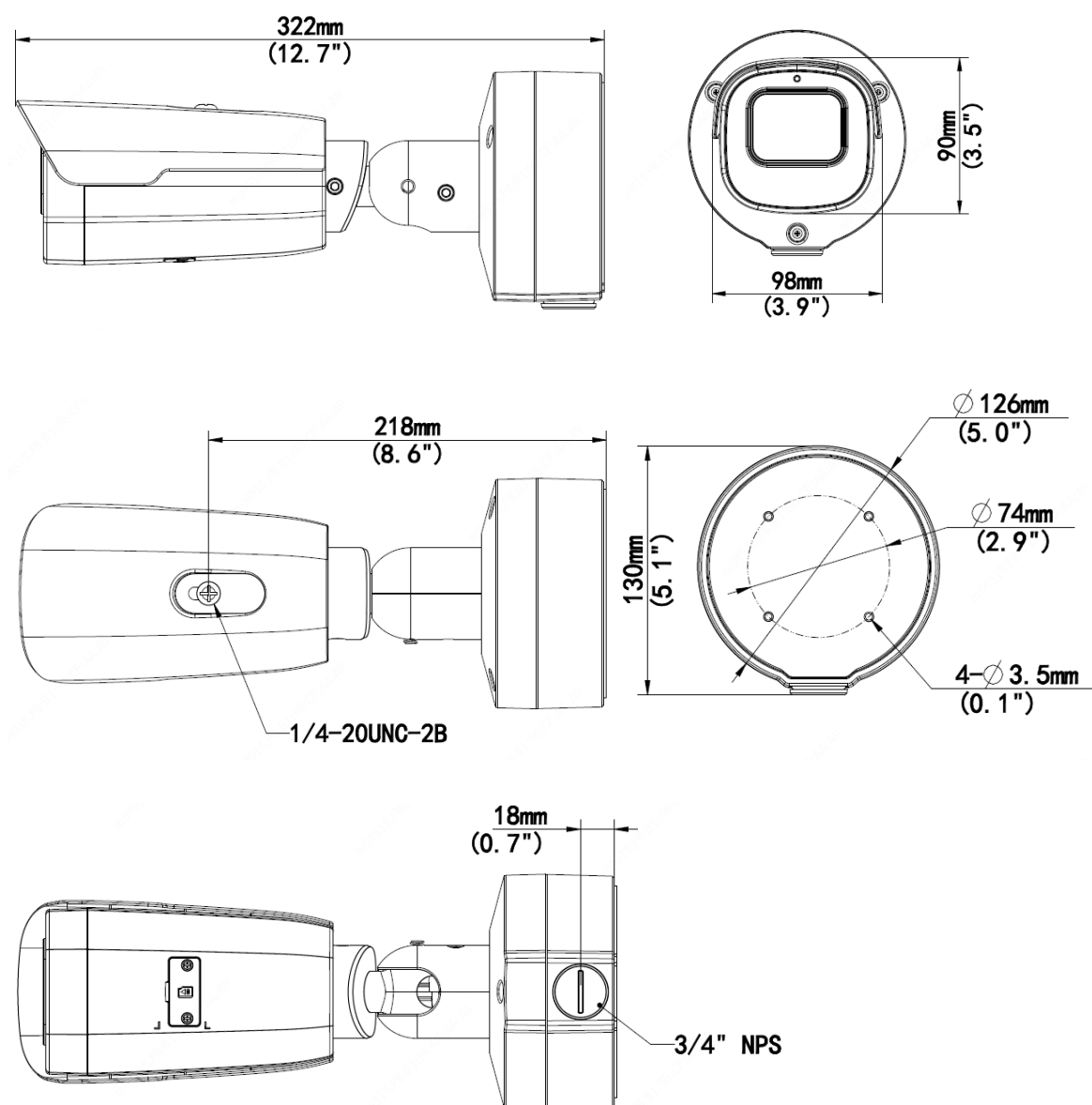
## Specifications

|                         |                                                                                                                                 |                   |               |               |              |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|---------------|--------------|
|                         |                                                                                                                                 | IPC2A24SE-ADZK-I0 |               |               |              |
| Camera                  |                                                                                                                                 |                   |               |               |              |
| Sensor                  | 1/1.8", 4.0 megapixel, progressive scan, CMOS                                                                                   |                   |               |               |              |
| Min. Illumination       | Colour:0.0005 lux (F1.2, AGC ON)<br>0 lux with IR                                                                               |                   |               |               |              |
| Day/Night               | IR-cut filter with auto switch (ICR)                                                                                            |                   |               |               |              |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s                                                                                                      |                   |               |               |              |
| WDR                     | 120dB                                                                                                                           |                   |               |               |              |
| S/N                     | >56dB                                                                                                                           |                   |               |               |              |
| Lens                    |                                                                                                                                 |                   |               |               |              |
| Lens type               | 2.8~12mm@F1.2, AF automatic focusing and motorized zoom lens                                                                    |                   |               |               |              |
| Iris                    | Fixed                                                                                                                           |                   |               |               |              |
| Field of View (H)       | 42.6°~113.7°                                                                                                                    |                   |               |               |              |
| Field of View (V)       | 24.1°~59.0°                                                                                                                     |                   |               |               |              |
| Field of View (D)       | 4.12°~74.38°                                                                                                                    |                   |               |               |              |
| DORI                    |                                                                                                                                 |                   |               |               |              |
| DORI Distance           | Lens (mm)                                                                                                                       | Detect (m)        | Observe (m)   | Recognize (m) | Identify (m) |
|                         | 2.8                                                                                                                             | 68.0(223.0ft)     | 27.2(89.2ft)  | 13.6(44.6ft)  | 6.8(22.3ft)  |
|                         | 12                                                                                                                              | 166.2(545.2ft)    | 66.5(218.1ft) | 33.2(109.0ft) | 16.6(54.5ft) |
| Illuminator             |                                                                                                                                 |                   |               |               |              |
| IR Range                | Up to 80m (262 ft) IR range                                                                                                     |                   |               |               |              |
| Wavelength              | 850nm                                                                                                                           |                   |               |               |              |
| IR On/Off Control       | Auto/Manual                                                                                                                     |                   |               |               |              |
| Video                   |                                                                                                                                 |                   |               |               |              |
| Video Compression       | Ultra 265, H.265, H.264, MJPEG                                                                                                  |                   |               |               |              |
| Frame Rate              | Main Stream: 4MP (2688*1520), Max 30fps;<br>Sub Stream: 1080P (1920*1080), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps; |                   |               |               |              |
| Video Bit Rate          | 128 Kbps~16 Mbps                                                                                                                |                   |               |               |              |
| ROI                     | Up to 8 areas                                                                                                                   |                   |               |               |              |
| Video stream            | Triple streams                                                                                                                  |                   |               |               |              |
| OSD                     | Up to 8 OSDs                                                                                                                    |                   |               |               |              |
| Privacy Mask            | Up to 4 areas per scene                                                                                                         |                   |               |               |              |
| Media Stream            | Unicast/Multicast                                                                                                               |                   |               |               |              |
| 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°/90°Clockwise/90°Anti-clockwise                                                        |                   |               |               |              |
| HLC                     | Support                                                                                                                         |                   |               |               |              |
| BLC                     | Support                                                                                                                         |                   |               |               |              |
| Defog                   | Digital Defog                                                                                                                   |                   |               |               |              |
| Corridor Mode           | Support                                                                                                                         |                   |               |               |              |
| 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                                                                                                                           |
| <b>Events</b>              |                                                                                                                                                                                     |
| Basic Detection            | Motion detection, Audio detection, Tampering alarm                                                                                                                                  |
| General Function           | Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication                                                 |
| <b>Audio</b>               |                                                                                                                                                                                     |
| Audio Compression          | G.711U, G.711A                                                                                                                                                                      |
| Audio Bitrate              | 64 Kbps                                                                                                                                                                             |
| Two-way Audio              | Support                                                                                                                                                                             |
| Suppression                | Support                                                                                                                                                                             |
| Sampling Rate              | 8KHz                                                                                                                                                                                |
| <b>Storage</b>             |                                                                                                                                                                                     |
| Edge Storage               | Micro SD, up to 256 GB                                                                                                                                                              |
| Network Storage            | ANR,NAS(NFS)                                                                                                                                                                        |
| <b>Network</b>             |                                                                                                                                                                                     |
| Protocols                  | IPv4, IPv6, 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, 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                                                                           |
| <b>Interface</b>           |                                                                                                                                                                                     |
| Audio I/O                  | 1/1                                                                                                                                                                                 |
| Alarm I/O                  | 2/1                                                                                                                                                                                 |
| Serial Port                | N/A                                                                                                                                                                                 |
| Built-in Mic               | Support                                                                                                                                                                             |
| Built-in Speaker           | N/A                                                                                                                                                                                 |
| Built-in Heater            | Support                                                                                                                                                                             |
| Video output               | 1 BNC                                                                                                                                                                               |
| Network                    | 1 * RJ45 10M/100M Base-TX Ethernet                                                                                                                                                  |
| <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); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)                                                                                          |
| Protection                 | IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013)<br>IK10 (IEC 62262:2002)                                                                                                                  |
| <b>General</b>             |                                                                                                                                                                                     |
| Power                      | DC12V(±25%), PoE(IEEE 802.3af)                                                                                                                                                      |
|                            | Power consumption: Max 12W                                                                                                                                                          |

|                        |                                                                  |
|------------------------|------------------------------------------------------------------|
| Dimensions (L x W x H) | Ø 130×322mm (Ø 5.1" x 12.7")                                     |
| Weight                 | 1.5Kg(3.31lb)                                                    |
| Working Environment    | -40°C ~ 60°C (-40°F ~ 140°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                                                          |
| Protection             | Ingression protection: IP67<br>Vandal resistant: IK10            |

## Dimensions

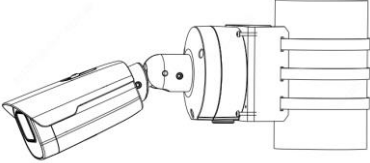
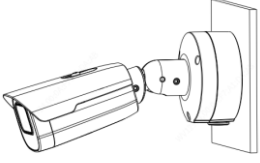
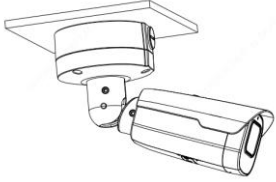


## Accessories

TR-UP06-C-IN

Pole Mount



| Pole Mount                                                                          | Wall mount                                                                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| TR-UP06-C-IN                                                                        | /                                                                                   |
|    |  |
| Pendent mount                                                                       |                                                                                     |
| /                                                                                   |                                                                                     |
|  |                                                                                     |

### Zhejiang Uniview Technologies Co., Ltd.

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

Email: [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

<http://www.uniview.com>

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\*Product specifications and availability are subject to change without notice.