

# 4MP Lighthunter WDR IR Network Bullet Camera

IPC-B2405-ADZK-I



## 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

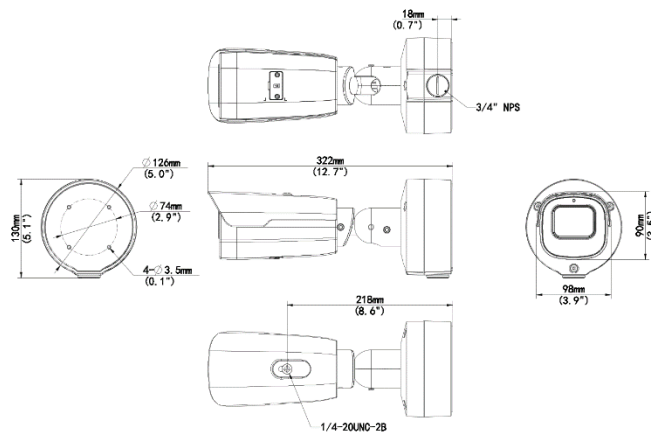
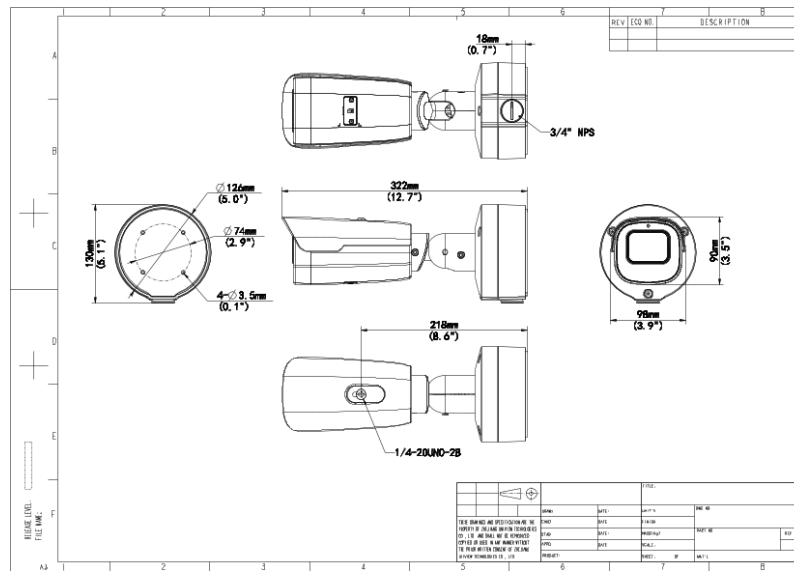
## Specifications

| Camera                    | Description  |
|---------------------------|--|
| Sensor                    | 1/1.8"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,<br>1 ~ 1/100000s                        |
| Adjustment angle          | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° |
| WDR                       | 120dB  |
| S/N                       | >56dB  |
| Lens                      | Description  |
| Lens type                 | 2.8~12mm   |
| Digital Zoom              | 16X  |
| Optical Zoom              | 5X   |
| Iris Type                 | Fixed  |
| Iris                      | F1.2   |
| Field of View (H)         | 113.7°~42.6°   |
| Field of View (V)         | 59.0°~24.1°  |
| Field of View (D)         | 139.9°~52.4°   |
| DORI                      | Description  |
| DORI Distance(Lens)       | 2.8~12(mm)   |
| DORI Distance(Detect)     | 68.0m(223.0ft)~166.2m(545.2ft)                       |
| DORI Distance(Observe)    | 27.2m(89.2ft)~66.5m(218.1ft)                         |
| DORI Distance(Recognize)  | 13.6m(44.6ft)~33.2m(109.0ft)                         |
| DORI Distance(Identify)   | 6.8m(22.3ft)~16.6m(54.5ft)                           |
| Illuminator               | Description  |
| Illumination Distance(IR) | 80m  |
| Wavelength                | 850nm  |
| IR On/Off Control         | Auto/Manual  |
| Video                     | Description  |
| Video Compression         | Ultra 265; H.265; H.264; MJPEG                       |
| Frame Rate—Main Stream    | 4MP (2688*1520), Max 30fps                           |
| Frame Rate—Sub Stream     | 1080P (1920*1080), Max 30fps                         |
| Frame Rate—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 10 OSDs  |
| Privacy Mask               | Up to 4 areas  |
| Image                      | Description  |
| 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  |
| Heatwave Reduction         | N/A  |
| Intelligent                | Description  |
| 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  |
| Exception Detection        | Object Removed; Object Left Behind; Scene Change; Defocus Detection  |
| Events                     | Description  |
| Basic Detection            | Motion detection; Audio detection; Tampering alarm   |
| General Function           | Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP authentication; Alarm input; Alarm output   |
| Audio                      | Description  |
| Audio Compression          | G.711U; G.711A   |
| Audio Bitrate              | 128 Kbps   |
| Two-way Audio              | Support  |
| Suppression                | Support  |
| Sampling Rate              | 16KHZ  |
| Storage                    | Description  |
| Edge Storage               | Micro SD, up to 512 GB   |
| Network Storage            | ANR; NAS(NFS)  |
| Network                    | Description  |
| Protocols                  | SSH; IGMP; RTP; RTCP; SMTP; IPv4; IPv6; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTSP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; 802.1x; SNMP; QoS; SSL/TLS   |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T, Profile M); API; SDK   |
| User/Host                  | Up to 32 users. 3 user levels: administrator, common user and operator   |
| Security                   | TLS1.3; 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                     | UNV-Link; UNV-Link Pro; EZStation  |
| Web Browser                | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above,  |

|                     |  |
|---------------------|--|
|                     | Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above  |
| Interface           | Description  |
| Audio I/O           | 1/1  |
| Alarm I/O           | 2/1  |
| Built-in Mic        | Support  |
| Network             | 1 * RJ45 10M/100M Base-TX Ethernet   |
| Video Output        | 1 BNC  |
| Certification       | Description  |
| 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>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)   |
| General             | Description  |
| Power               | DC12V( $\pm 25\%$ ), PoE(IEEE 802.3af)   |
| Power Consumption   | Max 10W  |
| Power Interface     | Ø 5.5mm coaxial power plug   |
| Dimensions          | Ø 130×322mm (Ø 5.1' ' x 12.7' ' )  |
| Weight              | 1.3Kg(2.87lb)  |
| 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  |
| Web Client Language | 22 Languages Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak |

## Dimensions



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