

# 3MP WDR LightHunter IR Network Bullet Camera

IPC2323SB-HDZK-PI-I0



## Features

- High quality image with 3MP, 1/2.8" CMOS sensor
- 2408\*1536@30fps in the main stream, deliver detailed live while 30fps making it smooth and closer to the real image
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Face capture, automatic selection of best snapshots, support face detection masked area
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
- LightHunter product technology ensures ultra-high image quality in low illumination environment
- Support 9:16 Corridor Mode
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- DC12V or PoE (IEEE 802.3af) power supply
- Wide voltage range of  $\pm 25\%$  in DC
- Audio 1 in and 1 out, Alarm 1 in and 1 out

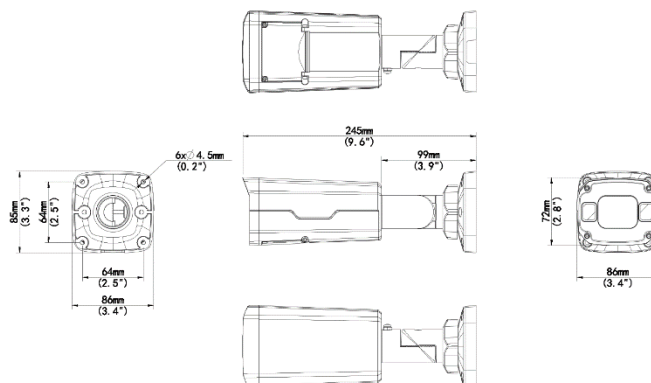
## Specifications

| Camera                    | Description   |
|---------------------------|---|
| Sensor                    | 1/2.8"CMOS  |
| Min. Illumination         | Colour:0.001 lux (F1.4, 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°<br>tilt: 0° to 90°<br>rotate: 0° to 360°  |
| WDR                       | 120dB   |
| S/N                       | >52dB   |
| Lens                      | Description   |
| Lens type                 | 2.8~12mm  |
| Digital Zoom              | 16X   |
| Optical Zoom              | 4X  |
| Auto Iris                 | F1.4 P-iris   |
| Field of View (H)         | 100.3° ~32°   |
| Field of View (V)         | 54° ~18.3°  |
| Field of View (D)         | 130.4° ~39.4°   |
| DORI                      | Description   |
| DORI Distance (Lens)      | 2.8~12(mm)  |
| DORI Distance (Detect)    | 43.4m(142.5ft)~186.2m(610.9ft)  |
| DORI Distance (Observe)   | 17.4m(57.0ft)~74.5m(244.4ft)  |
| DORI Distance (Recognize) | 8.7m(28.5ft)~37.2m(122.2ft)   |
| DORI Distance (Identify)  | 4.3m(14.3ft)~18.6m(61.1ft)  |
| Illuminator               | Description   |
| IR Range                  | Up to 50m (164 ft) IR range   |
| Wavelength                | 850nm   |
| IR On/Off Control         | Auto/Manual   |
| Video                     | Description   |
| Video Compression         | Ultra 265;H.265;H.264;MJPEG   |
| Frame Rate                | Main Stream: 3MP (2408*1536),Max 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   |
| <b>Image</b>               | <b>Description</b>  |
| 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   |
| <b>Intelligent</b>         | <b>Description</b>  |
| Smart intrusion prevention | Support false alarm filtering:&Cross Line detection&Intrusion detection&Enter Area detection&Leave Area detection   |
| Face Capture               | Support;Face attributes: Gender, Age range, Glasses, Mask   |
| People Counting            | Support people flow counting and crowd density monitoring   |
| Exception Detection        | Object Removed;Object Left Behind;Scene Change  |
| <b>Events</b>              | <b>Description</b>  |
| Basic Detection            | Motion detection;Tampering alarm;Audio detection  |
| General Function           | Watermark;IP Address Filtering;Access Policy;ARP Protection;RTSP Authentication;User Authentication;HTTP authentication;Alarm input;Alarm output  |
| <b>Audio</b>               | <b>Description</b>  |
| Audio Compression          | G.711U;G.711A   |
| Audio Bitrate              | 128 Kbps  |
| Two-way Audio              | Support   |
| Suppression                | Support   |
| Sampling Rate              | 16KHZ   |
| <b>Storage</b>             | <b>Description</b>  |
| Edge Storage               | Micro SD, up to 256 GB  |
| Network Storage            | ANR;NAS(NFS)  |
| <b>Network</b>             | <b>Description</b>  |
| Protocols                  | IGMP;RTP;SMTP;IPv4;IPv6;ICMP;ARP;TCP;UDP;DHCP;PPPoE;RTSP;RTCP;RTMP;DNS;DDNS;NTP;FTP;UPnP;HTTP;HTTPS;802.1x;SNMP;QoS;SSL/TLS;SSH   |
| Compatible Integration     | API;SDK;ONVIF (Profile S,Profile G,Profile T)   |
| User/Host                  | Up to 32 users. 3 user levels: administrator,common user and operator   |
| 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;Plug-in free live view: Chrome 57.0 and above,Firefox 58.0 and above,Edge 16 and above       |
| <b>Interface</b>           | <b>Description</b>  |
| Audio I/O                  | 1/1   |

|                     |   |
|---------------------|---|
| Alarm I/O           | 1/1   |
| 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>CB (IEC 62368-1:2014)<br>UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)  |
| Environment         | CE-<br>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(±25%), PoE(IEEE 802.3af)  |
| Power Consumption   | Max 8W  |
| Power Interface     | Ø 5.5mm coaxial power plug  |
| Dimensions          | 245.0x86.0x85.0mm (9.6' ' x3.4' ' x3.4' ' )   |
| Weight              | 0.92kg(2.03lb)  |
| Working Environment | -30° C ~ 60° C (-22° 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   |

## Dimensions



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