

# 2MP HD Intelligent LightHunter IR VF Dome Network Camera

IPC3232SB-ADZK-IO



## Key Features



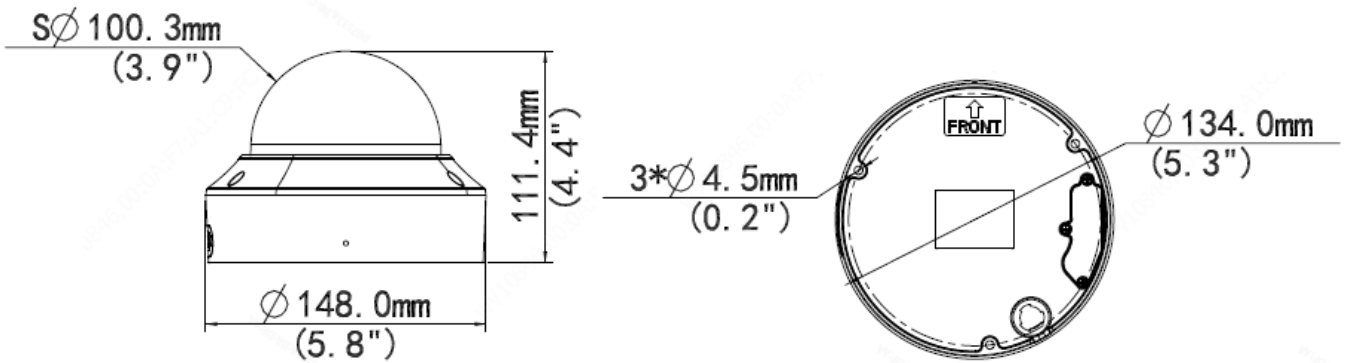
- High quality image with 2MP, 1/2.8"CMOS sensor
- 2MP (1920\*1080)@30/25fps; 720P (1280\*720)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Intelligent perimeter protection, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- LightHunter technology ensures ultra-high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Alarm:1 in/1 out, Audio: 1 in/1 out
- Smart IR, up to 40m (131ft) IR distance
- Supports 256 G Micro SD card
- IK10 vandal resistant
- IP67 protection
- Support PoE power supply

## Specifications

| IPC3232SB-ADZK-IO       |   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
|-------------------------|---|-------------------|----------------|-------------------|---------------|--------------|-----|------|------|-----|-----|------|-------|------|------|------|
| Camera                  |   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Sensor                  | 1/2.8", 2.0 megapixel, progressive scan, CMOS   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Lens                    | 2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| DORI Distance           | <table border="1"> <thead> <tr> <th>Lens (mm)</th> <th>Detect (m)</th> <th>Observe (m)</th> <th>Recognize (m)</th> <th>Identify (m)</th> </tr> </thead> <tbody> <tr> <td>2.7</td> <td>41.9</td> <td>16.8</td> <td>8.4</td> <td>4.2</td> </tr> <tr> <td>13.5</td> <td>209.5</td> <td>83.8</td> <td>41.9</td> <td>20.9</td> </tr> </tbody> </table> | Lens (mm)         | Detect (m)     | Observe (m)       | Recognize (m) | Identify (m) | 2.7 | 41.9 | 16.8 | 8.4 | 4.2 | 13.5 | 209.5 | 83.8 | 41.9 | 20.9 |
|                         | Lens (mm)   | Detect (m)        | Observe (m)    | Recognize (m)     | Identify (m)  |              |     |      |      |     |     |      |       |      |      |      |
|                         | 2.7   | 41.9              | 16.8           | 8.4               | 4.2           |              |     |      |      |     |     |      |       |      |      |      |
| 13.5                    | 209.5   | 83.8              | 41.9           | 20.9              |               |              |     |      |      |     |     |      |       |      |      |      |
| Angle of View (H)       | 107.4° ~ 29.2°  |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Angle of View (V)       | 54.2° ~ 16.3°   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Angle of View (O)       | 111.0° ~ 33.1°  |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Adjustment angle        | <table border="1"> <tr> <td>Pan: 0° ~ 355°</td> <td>Tilt: 0° ~ 80°</td> <td>Rotate: 0° ~ 355°</td> </tr> </table>   | Pan: 0° ~ 355°    | Tilt: 0° ~ 80° | Rotate: 0° ~ 355° |               |              |     |      |      |     |     |      |       |      |      |      |
| Pan: 0° ~ 355°          | Tilt: 0° ~ 80°  | Rotate: 0° ~ 355° |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s  |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Minimum Illumination    | Colour: 0.0005Lux (F1.2, AGC ON)<br>0Lux with IR on   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Day/Night               | IR-cut filter with auto switch (ICR)  |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| S/N                     | >52dB   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| IR Range                | Up to 40m (131ft) IR range  |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Wavelength              | 850nm   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| IR On/Off Control       | Auto/Manual   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Defog                   | Digital Defog   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| WDR                     | 120dB   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Video                   |   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Video Compression       | Ultra 265, H.265, H.264, MJPEG  |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| H.264 code profile      | Baseline profile, Main profile, High profile  |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Frame Rate              | Main Stream: 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps;<br>CIF(352*288), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;               |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Video Bit Rate          | 128 Kbps~16 Mbps  |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| 9:16 Corridor Mode      | Supported   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| OSD                     | Up to 8 OSDs  |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Privacy Mask            | Up to 4 areas   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| ROI                     | Up to 8 areas   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Motion Detection        | Up to 4 areas   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Image                   |   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| White Balance           | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Digital Noise Reduction | 2D/3D DNR   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Smart IR                | Supported   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Flip                    | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise  |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| Dewarping               | N/A   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |
| HLC                     | Supported   |                   |                |                   |               |              |     |      |      |     |     |      |       |      |      |      |

|                            |   |
|----------------------------|---|
| BLC                        | Supported   |
| <b>Intelligent</b>         |   |
| Smart Intrusion Prevention | Cross line, intrusion, enter area, leave area detection;  |
| <b>Events</b>              |   |
| Basic Detection            | Motion detection, Tampering alarm, Audio detection  |
| General Function           | Watermark, IP address filtering, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication |
| <b>Audio</b>               |   |
| Audio Compression          | G.711   |
| Two-way Audio              | Supported   |
| Suppression                | Supported   |
| Sampling Rate              | 8KHZ  |
| <b>Storage</b>             |   |
| Edge Storage               | Micro SD, up to 256GB   |
| Network Storage            | ANR, NAS(NFS)   |
| <b>Network</b>             |   |
| Protocols                  | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS      |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T), API  |
| Client                     | EZStation<br>EZView<br>EZLive   |
| Web Browser                | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below   |
|                            | Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+   |
| <b>Interface</b>           |   |
| Audio I/O                  | 1 Input: impedance 35kΩ; amplitude 2V [p-p]   |
|                            | 1 Output: impedance 600Ω; amplitude 2V [p-p]  |
| Alarm I/O                  | 1/1   |
| Built-in Mic               | Supported   |
| Network                    | 1 RJ45 10M/100M Base-TX Ethernet  |
| <b>Certifications</b>      |   |
| Certifications             | CE: EN 60950-1<br>UL: UL60950-1<br>FCC: FCC Part 15   |
| <b>General</b>             |   |
| Power                      | DC 12V±25%, PoE (IEEE 802.3af)  |
|                            | Power consumption: Max 7.0W   |
| Dimensions (Ø x H)         | Φ148.0 x 111.4mm (Φ5.8" x 4.4")   |
| Net Weight                 | 0.97kg (2.14lb)   |
| Material                   | Metal + Plastic   |
| Working Environment        | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)  |
| Storage Environment        | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)  |
| Surge Protection           | 6KV   |
| Ingress Protection         | IP67  |
| Vandal Resistant           | IK10  |

## Dimensions



## Accessories

TR-JB04-C-IN



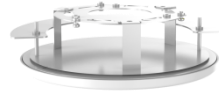
TR-JB07/WM04-B-IN



TR-WM04-IN



TR-FM152-A-IN



TR-UP06-IN



TR-A01-IN



TR-SM04-IN



TR-SE24-IN

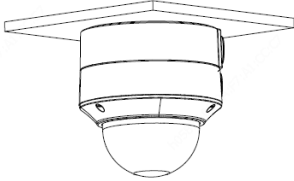
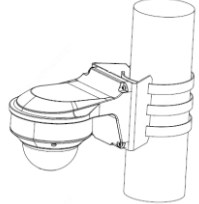
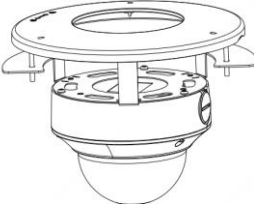
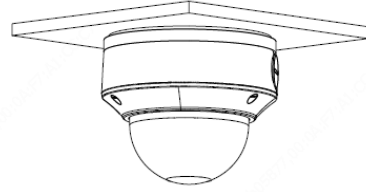
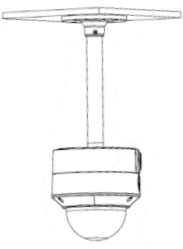


TR-SE24-A-IN



TR-CM24-IN



|   |   |
|---|---|
| Junction box  | Pole mount  |
| TR-JB04-C-IN+TR-A01-IN  | TR-JB07/WM04-B-IN (TR-WM04-IN)+ TR-UP06-IN  |
|    |  |
| In-ceiling mount  | Electric-box Transfer plate   |
| TR-FM152-A-IN   | TR-SM04-IN  |
|    |   |
| Indoor pendent mount  |   |
| TR-JB04-D-IN+TR-A01-IN+ TR-SE24-IN(TR-SE24-A-IN)+ TR-CM24-IN                        |   |
|  |   |

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