

# 8MP HD Intelligent LighterHunter IR VF Dome Network Camera

IPC3238SB-ADZK-I0



## Features

- High quality image with 8MP, 1/2.8"CMOS sensor
- 8MP (3840\*2160)@20fps; 5MP (3072\*1728)@30/25fps; 4MP (2560\*1440)@30/25fps; 2MP (1920\*1080) @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 512 G Micro SD card
- IK10 vandal resistant
- IP67 protection
- Support PoE power supply

## Specifications

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                      | IPC3238SB-ADZK-I0                                                                                                                                                                                                                                                                                                                                                                                                        |
| 聚合 BOM                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 聚合 BOM                     | 0235C4NU                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Camera                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Max Resolution             | 8 MP                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sensor                     | 1/2.8" CMOS                                                                                                                                                                                                                                                                                                                                                                                                              |
| Min. Illumination          | Colour: 0.0025 lux (F1.6, AGC ON)<br>0 lux with IR                                                                                                                                                                                                                                                                                                                                                                       |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                                                                                                                                                                                                                                                                                                                     |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                                                                                                                                                                                                                               |
| WDR                        | 120 dB                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Adjustment Angle           | Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotate: 0° ~ 355°                                                                                                                                                                                                                                                                                                                                                                        |
| S/N                        | >52 dB                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Lens                       |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Focal Length               | 2.8 to 12 mm                                                                                                                                                                                                                                                                                                                                                                                                             |
| Iris                       | F1.6                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Field of View (H)          | 107.4°~ 29.2°                                                                                                                                                                                                                                                                                                                                                                                                            |
| Lens Type                  | Motorized                                                                                                                                                                                                                                                                                                                                                                                                                |
| Field of View (V)          | 54.2°~ 16.3°                                                                                                                                                                                                                                                                                                                                                                                                             |
| Field of View (D)          | 111.0°~33.1°                                                                                                                                                                                                                                                                                                                                                                                                             |
| Iris Type                  | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DORI                       |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DORI Distance (Lens)       | 2.8mm, 12mm                                                                                                                                                                                                                                                                                                                                                                                                              |
| DORI Distance (Detect)     | 86.9m(285.1ft), 372.4m(1121.8ft)                                                                                                                                                                                                                                                                                                                                                                                         |
| DORI Distance (Observe)    | 34.8m(114.2ft), 149.0m(488.8ft)                                                                                                                                                                                                                                                                                                                                                                                          |
| DORI Distance (Recognize)  | 17.4m(57.1ft), 74.5m(244.4ft)                                                                                                                                                                                                                                                                                                                                                                                            |
| DORI Distance (Identify)   | 8.7m(28.5ft), 37.2m(112.0ft)                                                                                                                                                                                                                                                                                                                                                                                             |
| Illuminator                |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Illumination Distance (IR) | 40 m (131.2 ft)                                                                                                                                                                                                                                                                                                                                                                                                          |
| Wavelength                 | 850 nm                                                                                                                                                                                                                                                                                                                                                                                                                   |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                                                                                                                                                                                                                                                              |
| Supplemental Light         | IR                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Video                      |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| H.264 Code Profile         | Baseline profile, Main profile, High profile                                                                                                                                                                                                                                                                                                                                                                             |
| Frame Rate                 | Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps;<br>Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; 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 Compression          | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                                                                                                                                                                                                                           |

|                            |                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Bit Rate             | 128 Kbps to 16 Mbps                                                                                                                                                                                        |
| U-code                     | Support                                                                                                                                                                                                    |
| ROI                        | Support                                                                                                                                                                                                    |
| Video Stream               | Triple Streams                                                                                                                                                                                             |
| OSD                        | Up to 8 OSDs                                                                                                                                                                                               |
| Privacy Mask               | Up to 4 areas                                                                                                                                                                                              |
| <b>Image</b>               |                                                                                                                                                                                                            |
| Dewarping                  | Support                                                                                                                                                                                                    |
| 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>         |                                                                                                                                                                                                            |
| Smart Intrusion Prevention | Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)                       |
| Statistical Analysis       | N/A                                                                                                                                                                                                        |
| People Counting            | Support People Flow Counting and Crowd Density Monitoring                                                                                                                                                  |
| <b>Events</b>              |                                                                                                                                                                                                            |
| Basic Detection            | Motion Detection, Ultra Motion Detection, Tampering Alarm, Audio Detection                                                                                                                                 |
| General Function           | Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication                                                                              |
| <b>Audio</b>               |                                                                                                                                                                                                            |
| Audio Compression          | G.711U, G.711A                                                                                                                                                                                             |
| Audio Bitrate              | 64 Kbps                                                                                                                                                                                                    |
| Two-way Audio              | Support                                                                                                                                                                                                    |
| Suppression                | Support                                                                                                                                                                                                    |
| Sampling Rate              | 8 kHz                                                                                                                                                                                                      |
| <b>Storage</b>             |                                                                                                                                                                                                            |
| Edge Storage               | Micro SD, up to 512 GB                                                                                                                                                                                     |
| Network Storage            | ANR, NAS (NFS)                                                                                                                                                                                             |
| <b>Network</b>             |                                                                                                                                                                                                            |
| Protocols                  | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP, SSH                                                        |
| 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                   | 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                                                                                                                                                                          |

|                      |                                                                                                                                                                                                                                                                     |
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| Web Browser          | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+                                                                                                                                    |
| <b>Interface</b>     |                                                                                                                                                                                                                                                                     |
| Audio I/O            | 1 Input: impedance 35 kΩ, amplitude 2 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p]                                                                                                                                                                       |
| Alarm I/O            | 1/1                                                                                                                                                                                                                                                                 |
| Serial Port          | N/A                                                                                                                                                                                                                                                                 |
| Built-in Mic         | Support                                                                                                                                                                                                                                                             |
| Built-in Speaker     | N/A                                                                                                                                                                                                                                                                 |
| WIFI                 | N/A                                                                                                                                                                                                                                                                 |
| Network              | 1 × RJ45 10 M/100 M Base-TX Ethernet                                                                                                                                                                                                                                |
| Video Output         | N/A                                                                                                                                                                                                                                                                 |
| <b>Certification</b> |                                                                                                                                                                                                                                                                     |
| EMC                  | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035)<br>FCC (FCC 47 CFR part15 B)                                                                                                                                                                            |
| Safety               | CE LVD (EN 62368-1)<br>CB (IEC 62368-1)<br>UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)                                                                                                                                                                           |
| Environment          | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);                                                                                                                                                                                                               |
| Protection           | IP67 (IEC 60529)<br>IK10 (IEC 62262)                                                                                                                                                                                                                                |
| <b>General</b>       |                                                                                                                                                                                                                                                                     |
| Power                | DC 12V±25%, PoE (IEEE 802.3af)                                                                                                                                                                                                                                      |
| Power Consumption    | Max 9.0W                                                                                                                                                                                                                                                            |
| Power Interface      | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                          |
| Dimensions           | Ø148 x 111.4mm (Ø5.8" x 4.4") (Ø x H)                                                                                                                                                                                                                               |
| Weight               | 0.97kg (2.14lb)                                                                                                                                                                                                                                                     |
| Storage Environment  | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)                                                                                                                                                                                             |
| Working Environment  | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)                                                                                                                                                                                             |
| Surge Protection     | 6 KV                                                                                                                                                                                                                                                                |
| Reset Button         | Support                                                                                                                                                                                                                                                             |
| Material             | Metal                                                                                                                                                                                                                                                               |
| Web Client Language  | 20 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 |

## Accessories

TR-JB04-C-IN

Junction Box for 323 Series Fix-dome(Support wiring from behind)



TR-JB07/WM04-B-IN

4 Inch Back Hole Hemisphere Wall Mounting Assembling Bracket



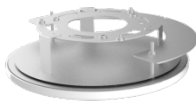
TR-WM04-IN

4 Inch Hemisphere Wall Mounting Bracket



TR-FM152-A-IN

In-ceiling Bracket for 323 Series Fix-dome



TR-SM04-IN

Switch Box Adapter for 323 Series Fix-dome



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-UP06-IN

Universal Pole Mounting Bracket



TR-UC08-C

Bullet&Dome Corner Mounting Bracket



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