

# 8MP Intelligent Dual-light VF Turret Network Camera IPC3638SB-ADZKM-DL-I1



## Features

- High quality image with 8 MP, 1/2.7" CMOS sensor
- 8 MP (3840 × 2160)@25/24 fps; 5 MP (3072 × 1728)@30/25 fps; 4 MP (2560 × 1440)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Supports Wise-ISP technology, deeply optimizing color, detail, and smear effects in extremely low-light scenes
- Smart intrusion prevention, including cross line, intrusion, enter area, leave area detection
- Intelligent intrusion prevention system based on target classification significantly reduces false alarms caused by leaves, birds, and lights, accurately focusing on humans, vehicles, and non-motor vehicles
- Support ultra motion detection
- Intelligent people flow counting and crowd density monitoring
- 120 dB true WDR technology enables clear image in strong light scene
- Supports 9:16 corridor mode
- MicroSD, up to 512 GB
- IK10 vandal resistant and IP67 protection

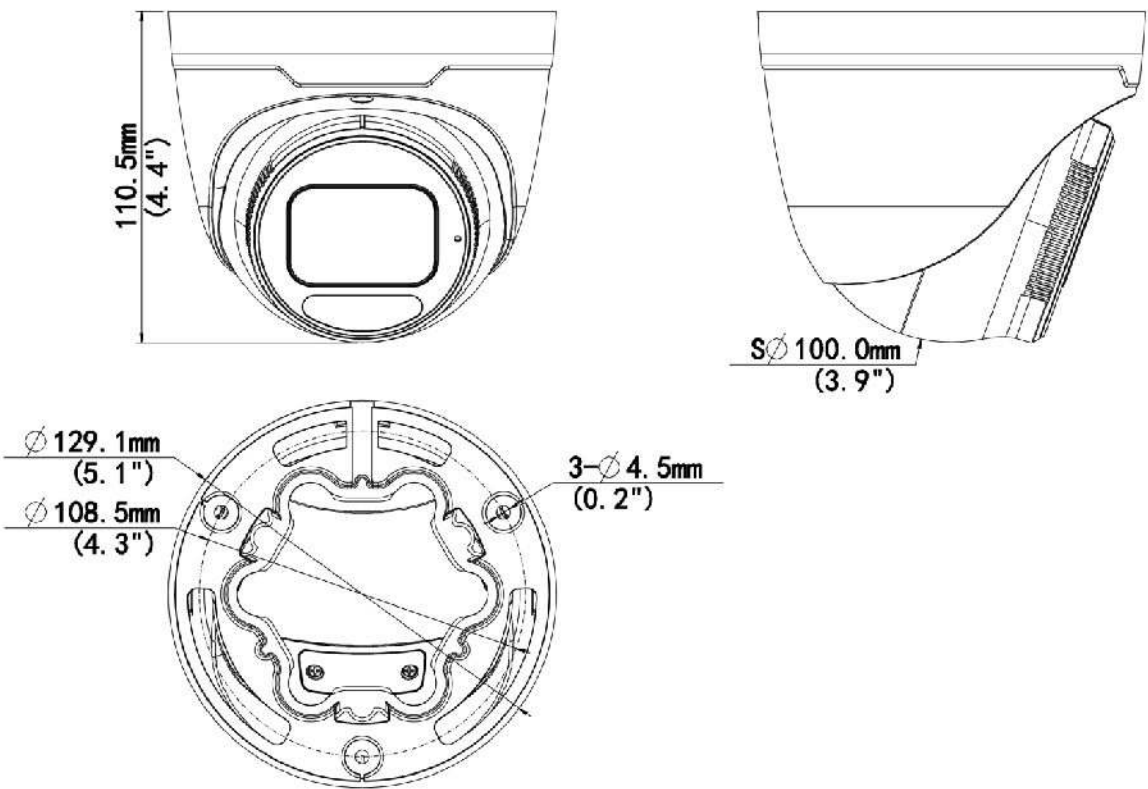
# Specifications

| Model                              | IPC3638SB-ADZKM-DL-I1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Max Resolution                     | 8 MP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sensor                             | 1/2.7" CMOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Min. Illumination                  | Color: 0.002 Lux (F1.4, AGC ON), 0 Lux with IR                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Day/Night                          | IR-cut filter with auto switch (ICR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Shutter                            | Auto/Manual, 1 to 1/100000 s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Adjustment Angle                   | Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| WDR                                | 120 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| S/N                                | > 52 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Lens                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Focal Length                       | 2.8 to 12 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Iris                               | F1.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Field of View (H)                  | 111.5° to 34.4°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Field of View (V)                  | 58.7° to 19.2°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Field of View (D)                  | 132.5° to 39.4°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Lens Type                          | Motorized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Iris Type                          | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DORI                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DORI Distance (Lens)               | 2.8 to 12 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DORI Distance (Detect)             | 81.0 m to 405.0 m (265.7 ft. to 1328.7 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DORI Distance (Observe)            | 32.4 m to 162.0 m (106.3 ft. to 531.5 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DORI Distance (Recognize)          | 16.2 m to 81.0 m (53.1 ft. to 265.7 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DORI Distance (Identify)           | 8.1 m to 40.5 m (26.6 ft. to 132.9 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Illuminator                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Illumination Distance (IR)         | 40 m (131.2 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Illumination Distance (Warm Light) | 40 m (131.2 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Light On/Off Control               | Auto/Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Wavelength                         | 850 nm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Supplemental Light                 | Dual light                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Video                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Video Compression                  | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| H.264 Code Profile                 | Baseline profile, Main profile, High profile                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Frame Rate                         | Main Stream: 8 MP (3840 × 2160), max. 25 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps;<br>Sub Stream: 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps;<br>Third Stream: D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps; |
| Video Bit Rate                     | 128 Kbps to 16 Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

|                            |                                                                                                                                                                                                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| U-code                     | Support                                                                                                                                                                                                              |
| OSD                        | Up to 8 OSDs                                                                                                                                                                                                         |
| Privacy Mask               | Up to 4 areas                                                                                                                                                                                                        |
| ROI                        | Support                                                                                                                                                                                                              |
| Video Stream               | Triple streams                                                                                                                                                                                                       |
| Image                      |                                                                                                                                                                                                                      |
| White Balance              | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance                                                                                                                                             |
| Smart IR                   | Support                                                                                                                                                                                                              |
| Digital Noise Reduction    | 2D/3D DNR                                                                                                                                                                                                            |
| Dewarping                  | Support                                                                                                                                                                                                              |
| Flip                       | Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise                                                                                                                                      |
| HLC                        | Support                                                                                                                                                                                                              |
| BLC                        | Support                                                                                                                                                                                                              |
| Defog                      | Digital defog                                                                                                                                                                                                        |
| Intelligent                |                                                                                                                                                                                                                      |
| 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 detection                                                                                                                                                             |
| Events                     |                                                                                                                                                                                                                      |
| 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                                                                                        |
| Audio                      |                                                                                                                                                                                                                      |
| Audio Compression          | G.711U, G.711A, AAC-LC                                                                                                                                                                                               |
| Audio Bitrate              | G.711U/G.711A: 64 kbps, AAC-LC: 128 kbps                                                                                                                                                                             |
| Two-way Audio              | N/A                                                                                                                                                                                                                  |
| Suppression                | Support                                                                                                                                                                                                              |
| Sampling Rate              | G.711U/G.711A: 8 kHz, AAC-LC: 8 kHz, 16 kHz, 48 kHz                                                                                                                                                                  |
| Storage                    |                                                                                                                                                                                                                      |
| Edge Storage               | MicroSD, up to 512 GB                                                                                                                                                                                                |
| Network Storage            | ANR, NAS (NFS)                                                                                                                                                                                                       |
| Network                    |                                                                                                                                                                                                                      |
| Protocols                  | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, SSL/TLS, 802.1x, SNMP, QoS, HTTPS, SMTP, PPPoE                                                                  |
| 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, DTLS 1.2 |
| Client                     | EZStation, APP                                                                                                                                                                                                       |
| 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+                                                                                     |

| Interface           |                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Audio I/O           | N/A                                                                                                                                                                                                                                                                 |
| Alarm I/O           | N/A                                                                                                                                                                                                                                                                 |
| 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                                                                                                                                                                                                                                                                 |
| Certification       |                                                                                                                                                                                                                                                                     |
| EMC                 | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130-4)<br>FCC (FCC 47 CFR part15 B)                                                                                                                                                                          |
| Safety              | CE-LVD (EN 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)                                                                                                                                                                                                                                |
| General             |                                                                                                                                                                                                                                                                     |
| Power               | DC 12 V±25%, PoE (IEEE 802.3af)                                                                                                                                                                                                                                     |
| Power Consumption   | Max. 8.0 W                                                                                                                                                                                                                                                          |
| Power Interface     | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                          |
| Dimensions          | Ø129 mm × 110 mm (Ø5.1" × 4.3") (Ø × H)                                                                                                                                                                                                                             |
| Weight              | 0.68 kg (1.50 lb)                                                                                                                                                                                                                                                   |
| Working Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)                                                                                                                                                                                             |
| Storage Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)                                                                                                                                                                                             |
| Surge Protection    | 4 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 |

Dimensions



Accessories

|                                                                           |                                                                                                      |                                                                          |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>TR-JB03-H-IN-V2</b><br>Turret Junction Box(Support Wiring From Behind) | <b>TR-JB07/WM03-F-IN-V2</b><br>Wall Mounting Assembling Bracket with Back Hole for 3 Inch Hemisphere | <b>TR-WM03-B-IN-V2</b><br>3 Inches Dome Wall Mounting Assembling Bracket |
|                                                                           |                                                                                                      |                                                                          |
| <b>TR-A01-IN</b><br>NPT 3/4" Waterproof Cable Gland                       | <b>TR-UP06-C-IN-V2</b><br>Pole Mounting Bracket for Bullet Junction Box Only                         | <b>TR-UC08-C-V2</b><br>Bullet&Dome Corner Mounting Bracket               |
|                                                                           |                                                                                                      |                                                                          |

| TR-SE24-IN                                                                        | TR-SE24-A-IN                                                                      | TR-CM24-IN                                                                          |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Dome Pendent Mounting Pole 200mm                                                  | Dome Pendent Mounting Pole 500mm                                                  | Dome Pendent Mounting Bracket(Indoor)                                               |
|  |  |  |
| TR-JB03-J-IN                                                                      |                                                                                   |                                                                                     |
| VF Turret Junction Box(Support Wiring From Behind)                                |                                                                                   |                                                                                     |
|  |                                                                                   |                                                                                     |

# Unlimited New View

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