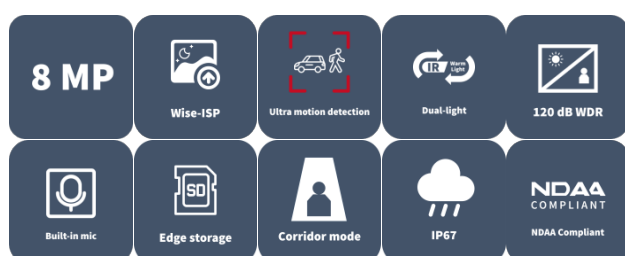


## 8MP WDR Dual-light VF Bullet NetWork Camera IPC2328SR-ADZK-DL3



## Features

- High quality image with 8 MP, 1/2.7" CMOS sensor
- 8 MP (3840 × 2160)@20 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 (Sub Stream Only)
- Wise-ISP technology ensures 24-hour full-color images
- Support cross line, intrusion detection (based on human body detection)
- Support ultra motion detection (human/ vehicle detection)
- 120 dB true WDR technology enables clear image in strong light scene
- Built in mic
- Supports 9:16 corridor mode
- Smart IR, up to 50 m (164.0 ft.) IR distance
- Warm light, up to 50 m (164.0 ft.) warm light distance
- IP67 protection
- MicroSD, up to 512 GB

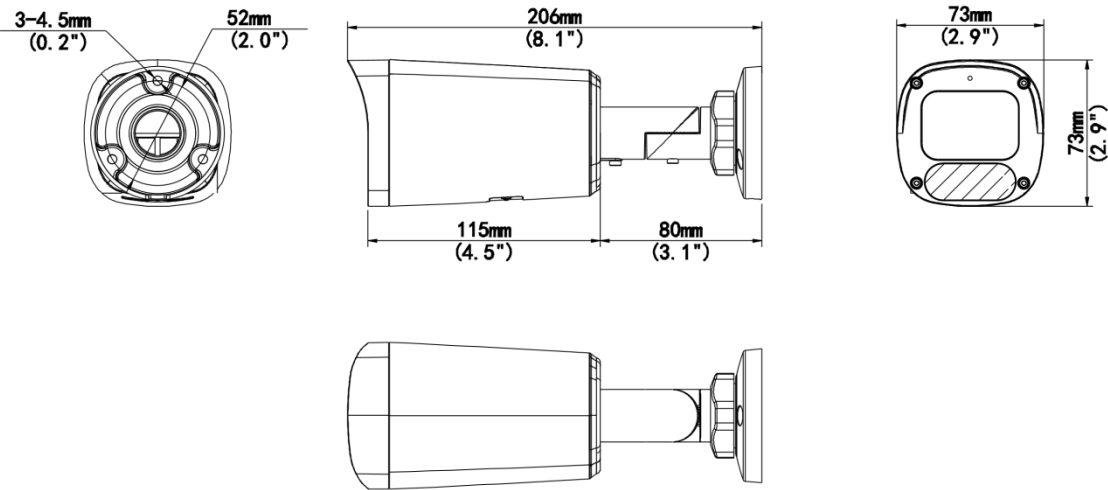
## Specifications

| Model                              | IPC2328SR-ADZK-DL3                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>                      |                                                                                                                                                                                                                                                                                                                                                                                      |
| Max Resolution                     | 8 MP                                                                                                                                                                                                                                                                                                                                                                                 |
| Sensor                             | 1/2.7" CMOS                                                                                                                                                                                                                                                                                                                                                                          |
| Min. Illumination                  | Color: 0.002 Lux (F1.6, AGC ON), 0 Lux with IR on                                                                                                                                                                                                                                                                                                                                    |
| 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 90°, Rotate: 0° to 360°                                                                                                                                                                                                                                                                                                                                 |
| S/N                                | > 52 dB                                                                                                                                                                                                                                                                                                                                                                              |
| WDR                                | 120 dB                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Lens</b>                        |                                                                                                                                                                                                                                                                                                                                                                                      |
| Focal Length                       | 2.8 to 12 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Iris                               | F1.6                                                                                                                                                                                                                                                                                                                                                                                 |
| 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                                                                                                                                                                                                                                                                                                                                                                                |
| <b>DORI</b>                        |                                                                                                                                                                                                                                                                                                                                                                                      |
| DORI Distance (Lens)               | 2.8 to 12 mm                                                                                                                                                                                                                                                                                                                                                                         |
| DORI Distance (Detect)             | 84.0 m to 315.0 m (275.5 ft. to 1033.2 ft.)                                                                                                                                                                                                                                                                                                                                          |
| DORI Distance (Observe)            | 33.6 m to 126.0 m (110.2 ft. to 413.3 ft.)                                                                                                                                                                                                                                                                                                                                           |
| DORI Distance (Recognize)          | 16.8 m to 63.0 m (55.1 ft. to 206.4 ft.)                                                                                                                                                                                                                                                                                                                                             |
| DORI Distance (Identify)           | 8.4 m to 31.5 m (27.6 ft. to 103. 3ft.)                                                                                                                                                                                                                                                                                                                                              |
| <b>Illuminator</b>                 |                                                                                                                                                                                                                                                                                                                                                                                      |
| Illumination Distance (Warm Light) | 50 m (164.0 ft.)                                                                                                                                                                                                                                                                                                                                                                     |
| Illumination Distance (IR)         | 50 m (164.0 ft.)                                                                                                                                                                                                                                                                                                                                                                     |
| Light On/Off Control               | Auto/Manual                                                                                                                                                                                                                                                                                                                                                                          |
| Wavelength                         | 850 nm                                                                                                                                                                                                                                                                                                                                                                               |
| Supplemental Light                 | Dual light                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Video</b>                       |                                                                                                                                                                                                                                                                                                                                                                                      |
| Video Compression                  | Ultra 265, H.265, H.264, MJPEG (Sub Stream Only)                                                                                                                                                                                                                                                                                                                                     |
| H.264 Code Profile                 | Baseline profile, Main profile, High profile                                                                                                                                                                                                                                                                                                                                         |
| Frame Rate                         | Main Stream: 8 MP (3840 × 2160), max. 20 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; |
| Video Bit Rate                     | 128 Kbps to 16 Mbps                                                                                                                                                                                                                                                                                                                                                                  |
| OSD                                | Up to 4 OSDs                                                                                                                                                                                                                                                                                                                                                                         |
| U-code                             | Support                                                                                                                                                                                                                                                                                                                                                                              |

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Privacy Mask            | Up to 4 areas                                                                                                                                                                                              |
| ROI                     | Support                                                                                                                                                                                                    |
| Video Stream            | Dual streams                                                                                                                                                                                               |
| Snapshot                | Support                                                                                                                                                                                                    |
| <b>Image</b>            |                                                                                                                                                                                                            |
| White Balance           | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance                                                                                                                                   |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                                                  |
| Smart IR                | Support                                                                                                                                                                                                    |
| Flip                    | Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise                                                                                                                            |
| HLC                     | Support                                                                                                                                                                                                    |
| Dewarping               | N/A                                                                                                                                                                                                        |
| BLC                     | Support                                                                                                                                                                                                    |
| Defog                   | Digital defog                                                                                                                                                                                              |
| <b>Events</b>           |                                                                                                                                                                                                            |
| Basic Detection         | Motion detection, Ultra motion detection (human/ vehicle detection) , Tampering alarm, Audio detection, Cross line (based on human body detection), Intrusion (based on human body 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, 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                                                                                                                                                        |
| <b>Storage</b>          |                                                                                                                                                                                                            |
| Edge Storage            | MicroSD, up to 512 GB                                                                                                                                                                                      |
| Network Storage         | ANR, NAS (NFS)                                                                                                                                                                                             |
| <b>Network</b>          |                                                                                                                                                                                                            |
| Protocols               | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, SNMP, PPPoE, 802.1x                                                        |
| Compatible Integration  | ONVIF (Profile S, Profile G, Profile T), API, SDK                                                                                                                                                          |
| 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+                                                                           |
| 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 |
| User/Host               | Up to 32 users. 3 user levels: administrator, common user and operator                                                                                                                                     |
| <b>Interface</b>        |                                                                                                                                                                                                            |
| 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)                                                                                     |
| Protection          | IP67 (IEC 60529)                                                                                                                                          |
| Environment         | CE-RoHS (2011/65/EU ; (EU) 2015/863) ; WEEE (2012/19/EU)                                                                                                  |
| General             |                                                                                                                                                           |
| Power               | DC 12 V±25%, PoE (IEEE 802.3af)                                                                                                                           |
| Power Consumption   | Max. 5.5 W                                                                                                                                                |
| Power Interface     | Ø5.5 mm coaxial power plug                                                                                                                                |
| Dimensions          | 206.0 mm × 73.0 mm × 73.0 mm (8.1" × 2.9" × 2.9") (L × W × H)                                                                                             |
| Weight              | 0.53 kg (1.17 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                                                                                                                                                      |
| Material            | Graphene + Metal                                                                                                                                          |
| Reset Button        | Support                                                                                                                                                   |
| Web Client Language | 14 Languages: English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese, Spanish, Spanish (Europe), Italian, Turkish |

# Dimensions



# Accessories

| TR-A01-IN                                                                           | TR-JB05-B-IN                                                                        | TR-UP06-C-IN-V2                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| NPT 3/4" Waterproof Cable Gland                                                     | Small Bullet Junction Box(Elegant White)                                            | Pole Mounting Bracket For Bullet Junction Box Only                                    |
|  |  |  |
| TR-UC08-C-V2                                                                        |                                                                                     |                                                                                       |
| Bullet&Dome Corner Mounting Bracket                                                 |                                                                                     |                                                                                       |
|  |                                                                                     |                                                                                       |

# Unlimited New View

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