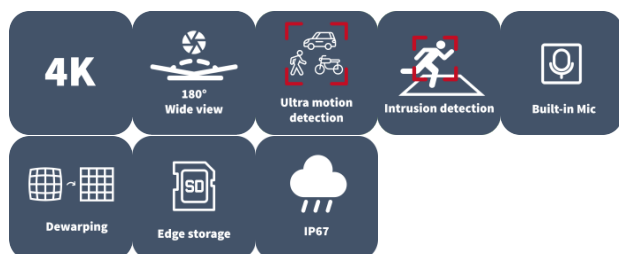


# 8MP HD Wide Angle Intelligent IR Fixed Bullet Network Camera IPC2108SB-ADF16KM-I0



## Features

- High quality image with 8 MP, 1/2.7" CMOS sensor
- 8 MP (3840 × 2160)@30/25 fps; 5 MP (3072 × 1728)@30/25 fps; 4 MP (2560 × 1440)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Wide angle technology realizes the horizontal viewing angle of 180°
- The dewarp level can be configured in the range of 1 to 9
- Ultra 265, H.265, H.264, MJPEG
- 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
- 120 dB true WDR technology enables clear image in strong light scene
- Built-in mic
- Smart IR, up to 20 m (65.6 ft.) IR distance
- MicroSD, up to 512 GB
- DC 12 V, PoE (IEEE 802.3af) power supply
- IP67 protection

## Specifications

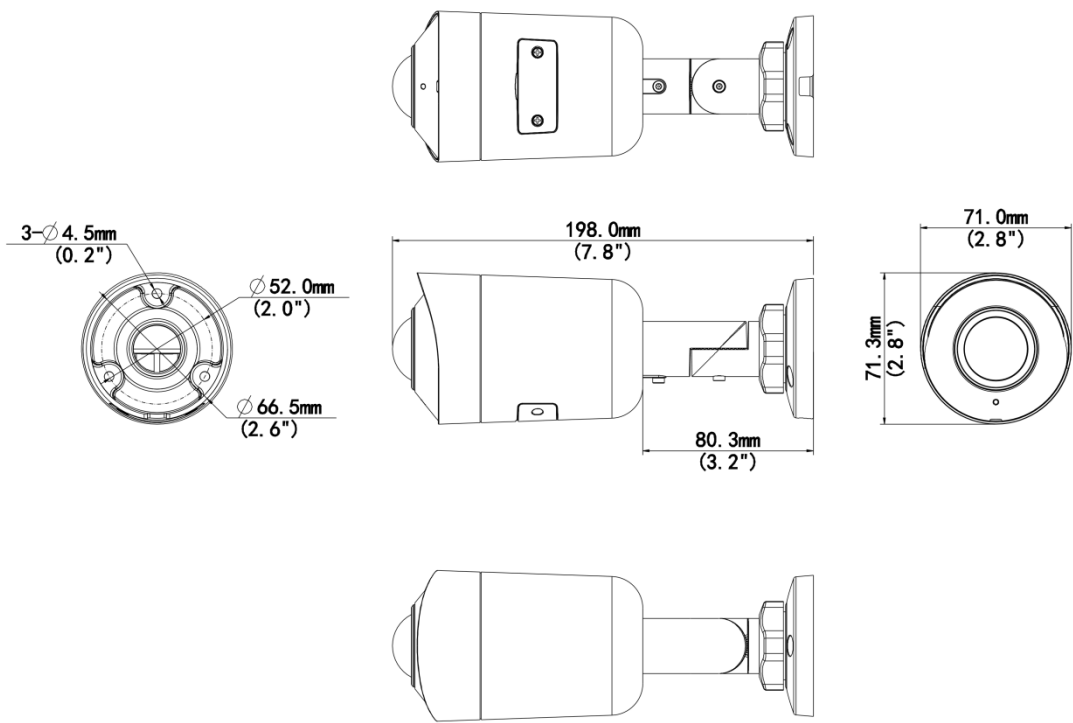
|                |                      |
|----------------|----------------------|
| Model          | IPC2108SB-ADF16KM-I0 |
| Camera         |                      |
| Max Resolution | 8 MP                 |

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensor                     | 1/2.7" CMOS                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Min. Illumination          | Color: 0.01 Lux (F2.0, AGC ON), 0 Lux with IR on                                                                                                                                                                                                                                                                                                                                                                                                   |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Adjustment Angle           | Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°                                                                                                                                                                                                                                                                                                                                                                                               |
| S/N                        | >52 dB                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| WDR                        | 120 dB                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Lens                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Focal Length               | 1.68 mm                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Iris Type                  | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Iris                       | F2.0                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Field of View (H)          | 180°                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Field of View (V)          | 100°                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Field of View (D)          | 180°                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Lens Type                  | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DORI                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DORI Distance (Lens)       | 1.68 mm                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DORI Distance (Detect)     | 37.8 m (124.0 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DORI Distance (Observe)    | 15.1 m (49.6 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DORI Distance (Recognize)  | 7.6 m (24.9 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DORI Distance (Identify)   | 3.8 m (12.5 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Illuminator                |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Supplemental Light         | IR                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Illumination Distance (IR) | 20 m (65.6 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Wavelength                 | 850 nm                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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. 30 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps;<br>Sub Stream: 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; 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                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Auto Scene Match (ASM)     | Support (only WDR)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| White Balance              | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2                                                                                                                                                                                                                                                                                                                                                                                               |

|                                  |                                                                                                                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Smart IR                         | Support                                                                                                                                                                                                    |
| Digital Noise Reduction          | 2D/3D DNR                                                                                                                                                                                                  |
| Flip                             | Normal, Flip vertical, Flip horizontal, 180°                                                                                                                                                               |
| Dewarping                        | Support                                                                                                                                                                                                    |
| HLC                              | Support                                                                                                                                                                                                    |
| BLC                              | Support                                                                                                                                                                                                    |
| Defog                            | Digital defog                                                                                                                                                                                              |
| Image Stabilization              | N/A                                                                                                                                                                                                        |
| Low Illumination Characteristics | Low-light                                                                                                                                                                                                  |
| <b>Intelligent</b>               |                                                                                                                                                                                                            |
| Attribute Collection             | SIP with color retrieval                                                                                                                                                                                   |
| 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)                       |
| <b>Events</b>                    |                                                                                                                                                                                                            |
| Basic Detection                  | Motion detection, Ultra motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind                                                                                             |
| 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                    | N/A                                                                                                                                                                                                        |
| Suppression                      | Support                                                                                                                                                                                                    |
| Sampling Rate                    | 8 kHz                                                                                                                                                                                                      |
| <b>Storage</b>                   |                                                                                                                                                                                                            |
| Edge Storage                     | MicroSD, up to 512 GB                                                                                                                                                                                      |
| Network Storage                  | ANR, NAS (NFS)                                                                                                                                                                                             |
| <b>Network</b>                   |                                                                                                                                                                                                            |
| Protocols                        | IPv4, IPv6, IGMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS                                                                             |
| Compatible Integration           | API, SDK, ONVIF (Profile S, Profile G, Profile T, Profile M)                                                                                                                                               |
| 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                                                                                                                                                                          |
| 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                        | 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                                                                                                                                                                                                                                                                 |
| <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>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)                                                                                                                                                                                                                                                    |
| <b>General</b>       |                                                                                                                                                                                                                                                                     |
| Power                | DC 12 V±25%, PoE (IEEE 802.3af)                                                                                                                                                                                                                                     |
| Power Consumption    | Max. 5.5 W                                                                                                                                                                                                                                                          |
| Power Interface      | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                          |
| Dimensions           | 198 mm × 71 mm × 71 mm (7.8" × 2.8" × 2.8") (L × W × H)                                                                                                                                                                                                             |
| Weight               | 0.42 kg (0.93 lb.)                                                                                                                                                                                                                                                  |
| Material             | Metal                                                                                                                                                                                                                                                               |
| 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                                                                                                                                                                                                                                                             |
| 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

### TR-JB05-B-IN

Small Bullet Junction Box(Elegant White)



### TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction  
Box Only



### TR-A01-IN

NPT 3/4" Waterproof Cable Gland



### TR-UC08-C

Bullet&Dome Corner Mounting Bracket



# Unlimited New View

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