

# 8MP HD Wide Angle Intelligent IR Fixed Eyeball Network Camera

IPC3608SB-ADF16KM-I0



## Features

- High quality image with 8MP, 1/2.7"CMOS sensor
- 8MP (3840\*2160) @30/25fps; 5MP (3072\*1728)@30/25fps; 4MP(2560\*1440) @30/25fps; 2MP (1920\*1080) @30/25fps;
- Wide Angle technology realize the horizontal viewing angle of 180
- The dewarp level can be configured in the range of 1-9
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- 120dB true WDR technology enables clear image in strong light scene
- Built-in Mic
- Smart IR, up to 20m (66ft) IR distance
- Supports 512 GB Micro SD card
- IP67 protection
- IK10 vandal resistant

## Specifications

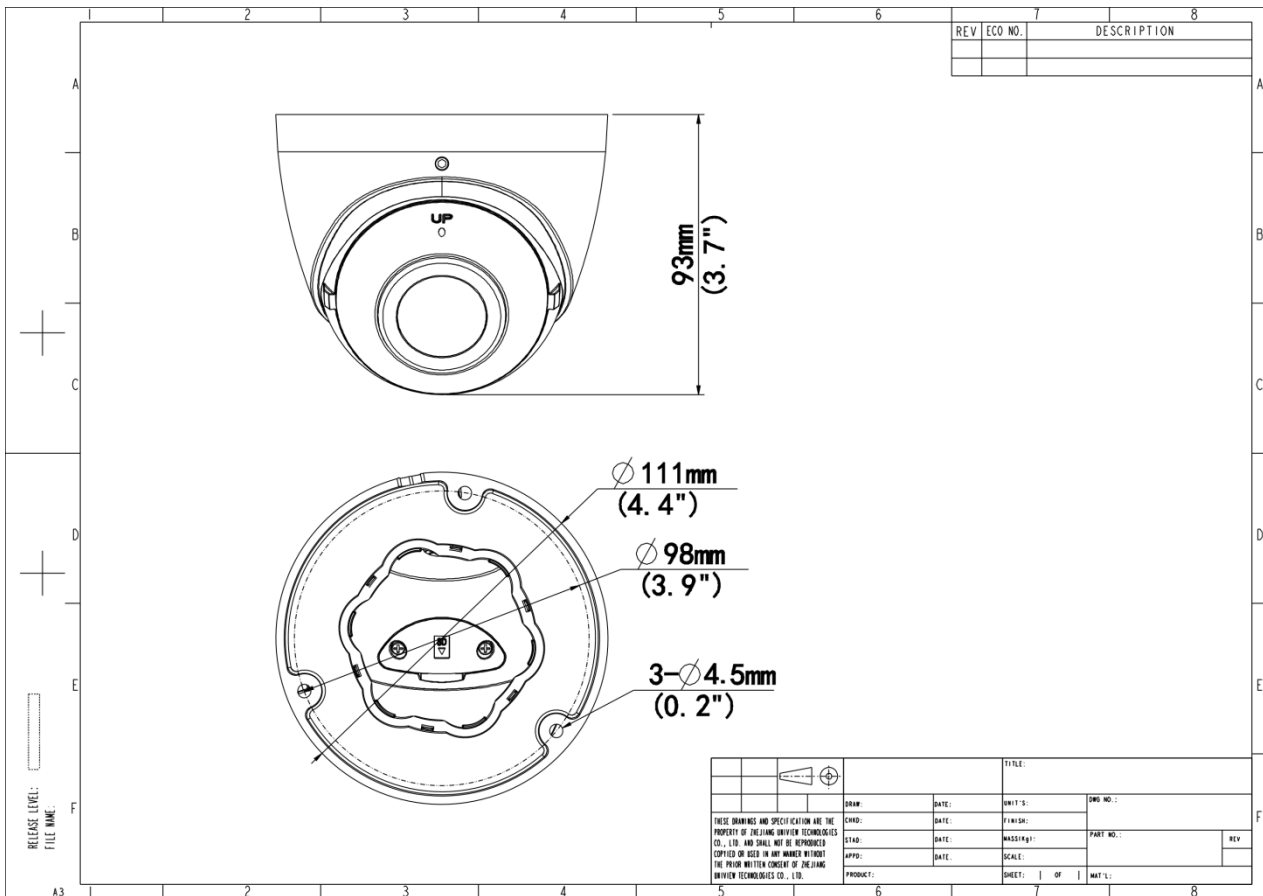
|                            |   |
|----------------------------|---|
| Model                      | IPC3608SB-ADF16KM-I0                                |
| <b>Camera</b>              |   |
| Max Resolution             | 8 MP  |
| Sensor                     | 1/2.7" CMOS   |
| Min. Illumination          | Colour: 0.01 lux (F2.0, AGC ON)<br>0 lux with IR on |
| Day/Night                  | IR-cut filter with auto switch (ICR)                |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                          |
| Adjustment Angle           | Pan: 0° ~ 360°, Tilt: 0° ~ 75°, Rotate: 0° ~ 360°   |
| S/N                        | >52 dB  |
| WDR                        | 120 dB  |
| <b>Lens</b>                |   |
| 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   |
| <b>DORI</b>                |   |
| DORI Distance (Lens)       | 1.68mm  |
| DORI Distance (Detect)     | 37.8(124.0ft)                                       |
| DORI Distance (Observe)    | 15.1(49.6ft)  |
| DORI Distance (Recognize)  | 7.6(24.8ft)   |
| DORI Distance (Identify)   | 3.8(12.4ft)   |
| <b>Illuminator</b>         |   |
| Supplemental Light         | IR  |
| Illumination Distance (IR) | 20 m (65.6 ft)                                      |
| IR On/Off Control          | Auto/Manual   |

|                                  |  |
|----------------------------------|--|
| Wavelength                       | 850 nm   |
| <b>Video</b>                     |  |
| Video Compression                | Ultra 265, H.265, H.264, MJPEG   |
| H.264 Code Profile               | Baseline profile, Main profile, High profile   |
| Frame Rate                       | Main Stream: 8MP (3840*2160), Max 30fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; |
| Video 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   |
| <b>Image</b>                     |  |
| White Balance                    | Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2   |
| Digital Noise Reduction          | 2D/3D DNR  |
| Smart IR                         | Support  |
| Flip                             | Normal, Flip Vertical, Flip Horizontal, 180°   |
| Dewarping                        | Support  |
| Auto Scene Match (ASM)           | Support (Only WDR)   |
| HLC                              | Support  |
| BLC                              | Support  |
| Defog                            | Digital Defog  |
| Image Stabilization              | N/A  |
| Low Illumination Characteristics | Low-light  |
| <b>Intelligent</b>               |  |
| Smart Intrusion Prevention       | Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)   |
| Attribute Collection             | SIP with color retrieval   |
| <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           | Micro SD, 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 | ONVIF (Profile S, Profile G, Profile T),<br>API, SDK   |
| User/Host              | Up to 32 users. 3 user levels: administrator, common user and operator   |
| Security               | Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF |
| Client                 | UNV-Link, UNV-Link Pro, EZStation  |
| 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)<br>IK10 (IEC 62262)  |
| <b>General</b>       |   |
| Power                | DC 12V±25%, PoE (IEEE 802.3af)  |
| Power Consumption    | Max 5.5W  |
| Power Interface      | Ø5.5 mm coaxial power plug  |
| Dimensions           | Ø111 x 93mm (Ø4.4"x 3.7") (Ø x H)   |
| Weight               | 0.48kg (1.06lb)   |
| 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<br>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-JB03-G-IN

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



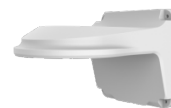
TR-JB07/WM03-G-IN

Wall Mounting Assembling Bracket For 32 Fix-dome&Mini Fix-dome&Plastic Turret Camera



TR-WM03-D-IN

Wall Mounting Bracket for 32 Fix-dome&Mini Fix-dome&Plastic Turret Camera



TR-UM06-E-IN

Slant Mounting Bracket for Fixed Dome



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-UP06-IN

Universal Pole Mounting Bracket



TR-UC08-C

Bullet&Dome Corner Mounting Bracket



TR-SE24-IN

Dome Pendant Mounting Pole 200m



TR-SE24-A-IN

Dome Pendant Mounting Pole 500m



TR-CM24-IN

Dome Pendant Mounting Bracket(Indoor)



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