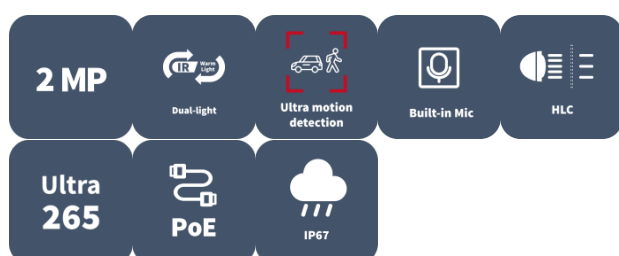


## 2MP HD Smart Dual Light Fixed Turret Network Camera IPC3612LB-AF28K-DL2



## Features

- High quality image with 1080P, 1/3.0" CMOS sensor
- 1080P (1920 × 1080)@25/30 fps; 720P (1280 × 720)@25/30 fps
- Smart dual-light ensures high quality image
- Ultra 265, H.265, H.264
- Supports ultra motion detection
- Built-in mic
- Up to 30 m (98.4 ft.) IR and warm light distance
- MicroSD, up to 512 GB
- IP67 protection
- 3-axis
- Supports PoE power supply

## Specifications

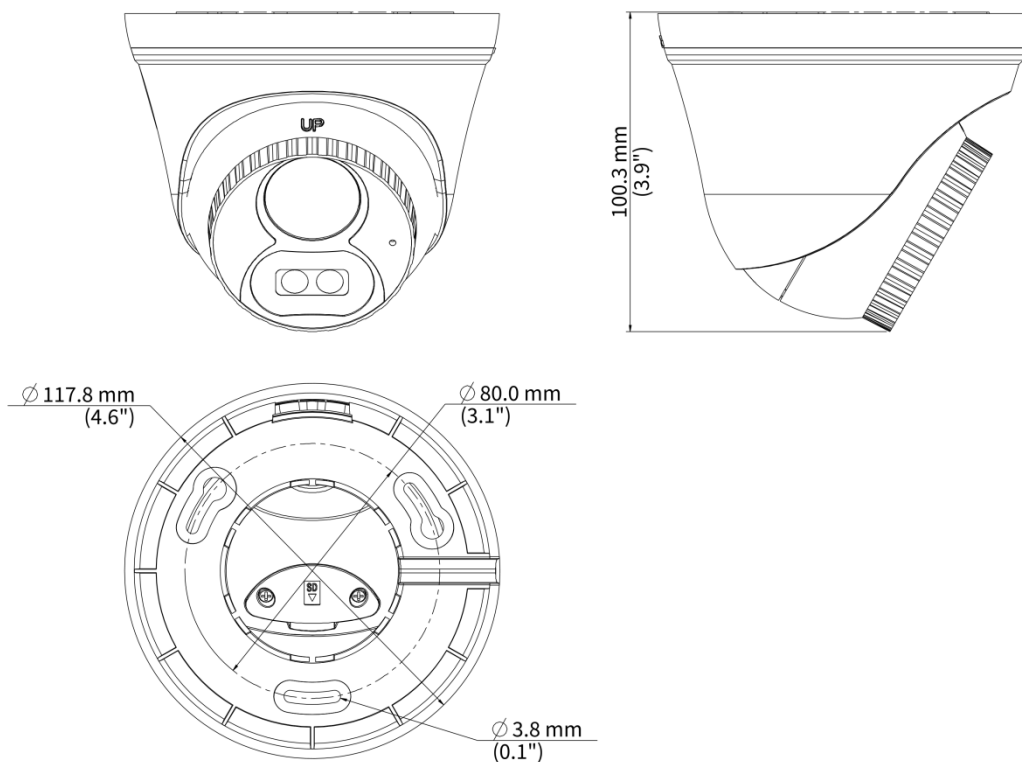
| Model             | IPC3612LB-AF28K-DL2                               |
|-------------------|---------------------------------------------------|
| Camera            |                                                   |
| Max Resolution    | 2 MP                                              |
| Sensor            | 1/3.0" CMOS                                       |
| Min. Illumination | Color: 0.005 Lux (F1.6, AGC ON), 0 Lux with light |

|                                    |                                                                                                                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Day/Night                          | IR-cut filter with auto switch (ICR)                                                                                                                                             |
| Shutter                            | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                       |
| Adjustment Angle                   | Pan: 0° to 360°, Tilt: 0° to 80°, Rotate: 0° to 360°                                                                                                                             |
| S/N                                | >52 dB                                                                                                                                                                           |
| WDR                                | DWDR                                                                                                                                                                             |
| Lens                               |                                                                                                                                                                                  |
| Focal Length                       | 2.8 mm                                                                                                                                                                           |
| Iris Type                          | Fixed                                                                                                                                                                            |
| Iris                               | F1.6                                                                                                                                                                             |
| Field of View (H)                  | 92.6°                                                                                                                                                                            |
| Field of View (V)                  | 51.1°                                                                                                                                                                            |
| Field of View (D)                  | 105.8°                                                                                                                                                                           |
| Lens Type                          | Fixed                                                                                                                                                                            |
| DORI                               |                                                                                                                                                                                  |
| DORI Distance (Lens)               | 2.8 mm                                                                                                                                                                           |
| DORI Distance (Detect)             | 46.7 m (153.2 ft.)                                                                                                                                                               |
| DORI Distance (Observe)            | 18.7 m (61.4 ft.)                                                                                                                                                                |
| DORI Distance (Recognize)          | 9.3 m (30.5 ft.)                                                                                                                                                                 |
| DORI Distance (Identify)           | 4.7 m (15.4 ft.)                                                                                                                                                                 |
| Illuminator                        |                                                                                                                                                                                  |
| Supplemental Light                 | Dual light                                                                                                                                                                       |
| Illumination Distance (IR)         | 30 m (98.4 ft.)                                                                                                                                                                  |
| Illumination Distance (Warm Light) | 30 m (98.4 ft.)                                                                                                                                                                  |
| Wavelength                         | 850 nm                                                                                                                                                                           |
| Video                              |                                                                                                                                                                                  |
| Video Compression                  | Ultra 265, H.265, H.264                                                                                                                                                          |
| H.264 Code Profile                 | Baseline profile, Main profile, High profile                                                                                                                                     |
| Frame Rate                         | Main Stream: 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps<br>Sub Stream: 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps |
| Video Bit Rate                     | 128 Kbps to 6144 Kbps                                                                                                                                                            |
| U-code                             | Support                                                                                                                                                                          |
| OSD                                | Up to 4 OSDs                                                                                                                                                                     |
| Privacy Mask                       | Up to 4 areas                                                                                                                                                                    |
| ROI                                | Support                                                                                                                                                                          |
| Video Stream                       | Dual streams                                                                                                                                                                     |
| Image                              |                                                                                                                                                                                  |
| 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°                                                                                                                                     |
| Dewarping                          | N/A                                                                                                                                                                              |
| HLC                                | Support                                                                                                                                                                          |

|                        |                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BLC                    | Support                                                                                                                                                                                                    |
| Defog                  | Digital defog                                                                                                                                                                                              |
| Image Stabilization    | N/A                                                                                                                                                                                                        |
| <b>Events</b>          |                                                                                                                                                                                                            |
| Basic Detection        | Ultra motion detection, Motion detection, Audio detection, Tampering alarm                                                                                                                                 |
| 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, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS, SSL/TLS, SNMP                                                                                        |
| Compatible Integration | ONVIF (Profile S, Profile T) , 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 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)                                                                                                                                                                                           |

| General             |                                                                         |
|---------------------|-------------------------------------------------------------------------|
| Power               | DC 12 V±25%, PoE (IEEE 802.3af)                                         |
| Power Consumption   | Max. 3.9 W                                                              |
| Power Interface     | Ø5.5 mm coaxial power plug                                              |
| Dimensions          | Ø117.8 mm × 100.3 mm (Ø4.6" × 3.9") (Ø × H)                             |
| Weight              | 0.26 kg (0.57 lb.)                                                      |
| Material            | Graphene + Plastic                                                      |
| Storage Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing) |
| Working Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing) |
| Surge Protection    | 4 KV                                                                    |
| Reset Button        | Support                                                                 |
| Web Client Language | 4 Languages: English, Russian, Spanish, Vietnamese                      |

## Dimensions



## Accessories

**TR-JB03-I-IN**

Junction Box for Plastic Turret  
Camera(Support wiring from behind)

**TR-WM03-D-IN**

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

**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 200mm

**TR-SE24-A-IN**

Dome Pendant Mounting Pole 500mm

**TR-CM24-IN**

Dome Pendant Mounting Bracket(Indoor)

**TR-WM07P-B**

Dome Wall Mounting Plastic Bracket

**TR-JB07/WM03-G-IN-V2**

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

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