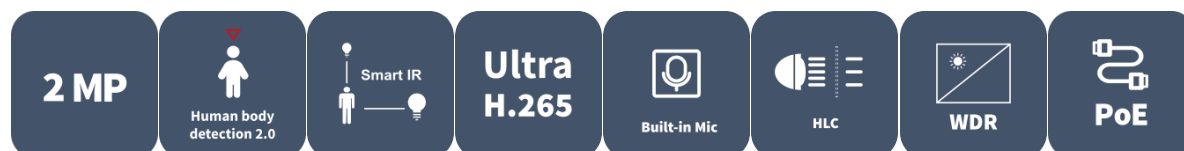


# 2MP Fixed IR Turret Network Camera

IPC3612LB-AF28-ECO



## Features

- High quality image with 2MP, 1/3" CMOS sensor
- 2MP(1920\*1080)@30fps;720P (1280\*720)@30fps
- Supports accurate human body detection 2.0
- Ultra 265, H.265, H.264
- 2D/3D DNR (Digital Noise Reduction)
- ROI (Region of Interest)
- Smart IR, up to 30m (98ft) IR distance
- 3 Axis
- Built in Mic
- Wide temperature range: -30 °C to 60 °C ( -22 °F to 140 °F)
- Support PoE power supply

## Specifications

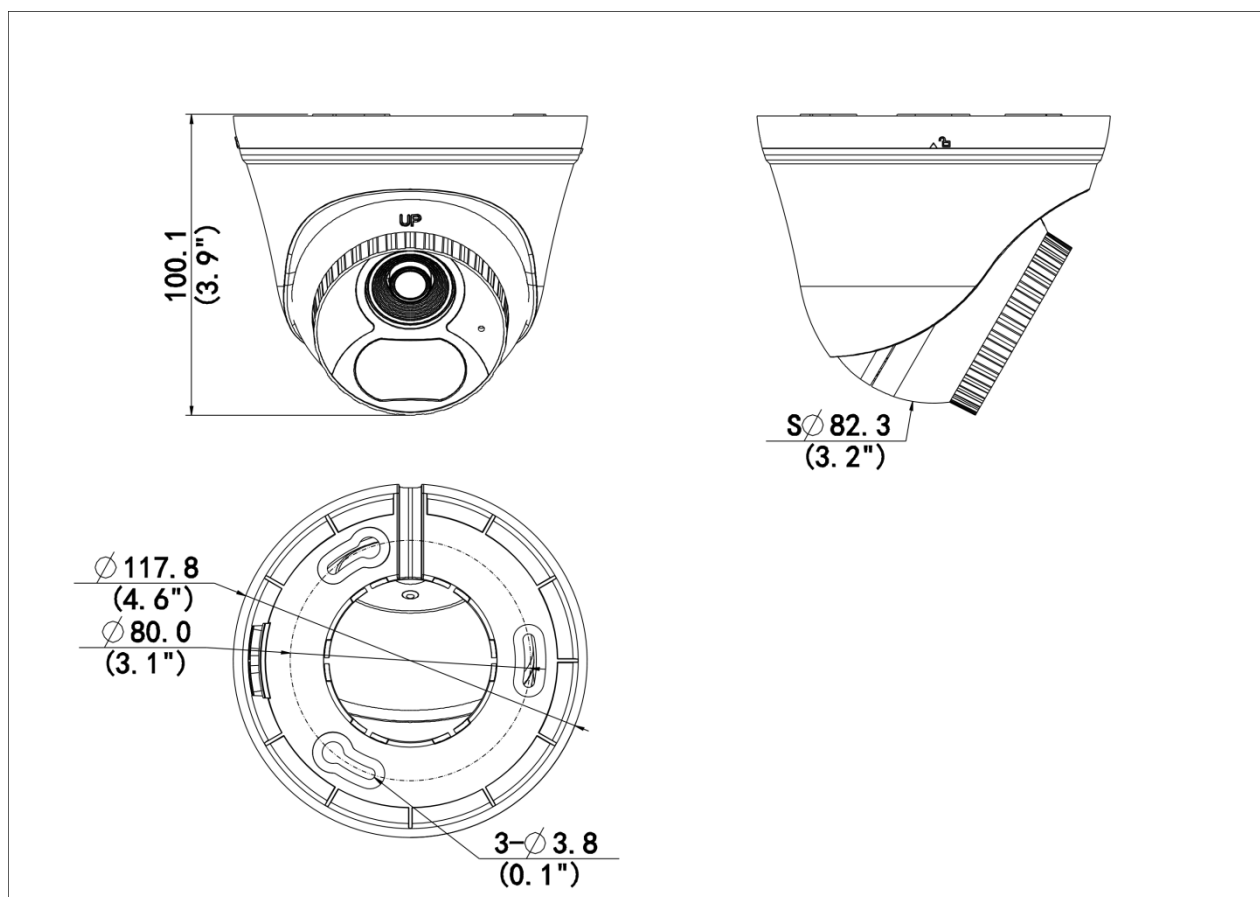
|                |                    |
|----------------|--------------------|
| Model          | IPC3612LB-AF28-ECO |
| Camera         |                    |
| Max Resolution | 2 MP               |
| Sensor         | 1/3.0" CMOS        |

|                            |                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Min. Illumination          | Colour: 0.01Lux (F2.0, AGC ON)<br>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° ~ 360°, Tilt: 0° ~ 80°, Rotate: 0° ~ 360°                                                                                                            |
| S/N                        | > 52 dB                                                                                                                                                      |
| WDR                        | DWDR                                                                                                                                                         |
| <b>Lens</b>                |                                                                                                                                                              |
| Focal Length               | 2.8 mm                                                                                                                                                       |
| Iris Type                  | Fixed                                                                                                                                                        |
| Iris                       | F2.0                                                                                                                                                         |
| Field of View (H)          | 87.8°                                                                                                                                                        |
| Field of View (V)          | 48.9°                                                                                                                                                        |
| Field of View (D)          | 99.0°                                                                                                                                                        |
| Lens Type                  | Fixed                                                                                                                                                        |
| <b>DORI</b>                |                                                                                                                                                              |
| DORI Distance (Lens)       | 2.8 mm                                                                                                                                                       |
| DORI Distance (Detect)     | 51.4m(168.7ft)                                                                                                                                               |
| DORI Distance (Observe)    | 20.6m(67.5ft)                                                                                                                                                |
| DORI Distance (Recognize)  | 10.3m(33.7ft)                                                                                                                                                |
| DORI Distance (Identify)   | 5.1m(16.9ft)                                                                                                                                                 |
| <b>Illuminator</b>         |                                                                                                                                                              |
| Supplemental Light         | IR                                                                                                                                                           |
| Illumination Distance (IR) | 30 m (98.4 ft)                                                                                                                                               |
| Wavelength                 | 850 nm                                                                                                                                                       |
| IR On/Off Control          | Auto/Manual                                                                                                                                                  |
| <b>Video</b>               |                                                                                                                                                              |
| 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 30fps; 720P (1280*720), Max 30fps;<br>Sub Stream: 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; |
| Video Bit Rate             | 128 Kbps to 6144 Kbps                                                                                                                                        |
| U-code                     | Support                                                                                                                                                      |
| OSD                        | Up to 4 OSDs                                                                                                                                                 |
| Privacy Mask               | Up to 4 areas                                                                                                                                                |
| ROI                        | Up to 8 areas                                                                                                                                                |
| Video Stream               | Dual streams                                                                                                                                                 |
| <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°                                                                                                                 |
| Dewarping                  | N/A                                                                                                                                                          |

|                        |                                                                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HLC                    | Support                                                                                                                                                                         |
| BLC                    | Support                                                                                                                                                                         |
| Defog                  | Digital defog                                                                                                                                                                   |
| Image Stabilization    | N/A                                                                                                                                                                             |
| <b>Events</b>          |                                                                                                                                                                                 |
| Basic Detection        | Motion detection, Audio detection, Human body detection 2.0                                                                                                                     |
| 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           | N/A                                                                                                                                                                             |
| <b>Network</b>         |                                                                                                                                                                                 |
| Protocols              | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, DNS, DDNS, NTP, UPnP, HTTP, QoS, RTCP, RTMP                                                                                   |
| Compatible Integration | ONVIF (Profile S, Profile T), API, SDK                                                                                                                                          |
| User/Host              | Up to 32 users. 2 user levels: administrator and common user                                                                                                                    |
| Security               | Password Protection, Strong Password, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, 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)                                                                                                                                                             |
| Environment            | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);                                                                                                                           |
| Protection             | N/A                                                                                                                                                                             |
| <b>General</b>         |                                                                                                                                                                                 |

|                     |                                                                         |
|---------------------|-------------------------------------------------------------------------|
| Power               | PoE (IEEE 802.3af)                                                      |
| Power Consumption   | Max 2.5 W                                                               |
| Power Interface     | N/A                                                                     |
| Dimensions          | Φ118 x 100mm (Ø4.6" x 3.9")                                             |
| Weight              | 0.19kg (0.42lb)                                                         |
| Material            | Plastic                                                                 |
| 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        | N/A                                                                     |
| Web Client Language | 1 Language: English                                                     |

## Dimensions



## Accessories

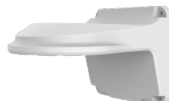
TR-JB03-I-IN

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-JB07/WM03-G-IN

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



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



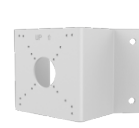
TR-UP06-IN

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)



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