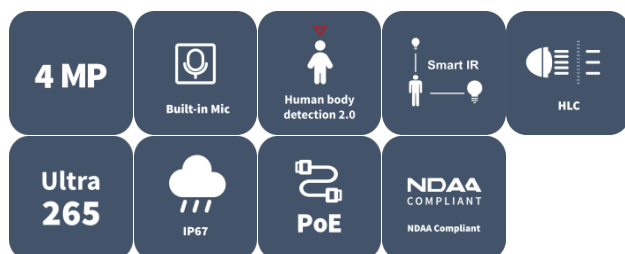


## 4MP Mini Fixed IR Bullet Network Camera IPC2124LB-AF28(40)-ECO



## Features

- High quality image with 4 MP, 1/3.0" CMOS sensor
- 4 MP (2560 × 1440)@25/20 fps; 3 MP (2304 × 1296)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Supports accurate human body detection 2.0
- Ultra 265, H.265, H.264
- 2D/3D DNR (digital noise reduction)
- ROI (region of interest) ensures image quality in areas of interest with low bandwidth
- Smart IR, up to 30 m (98.4 ft.) IR distance
- 3-axis
- Built-in mic
- Wide temperature range: -30 °C to 60 °C (-22 °F to 140 °F)
- Supports PoE power supply
- IP67

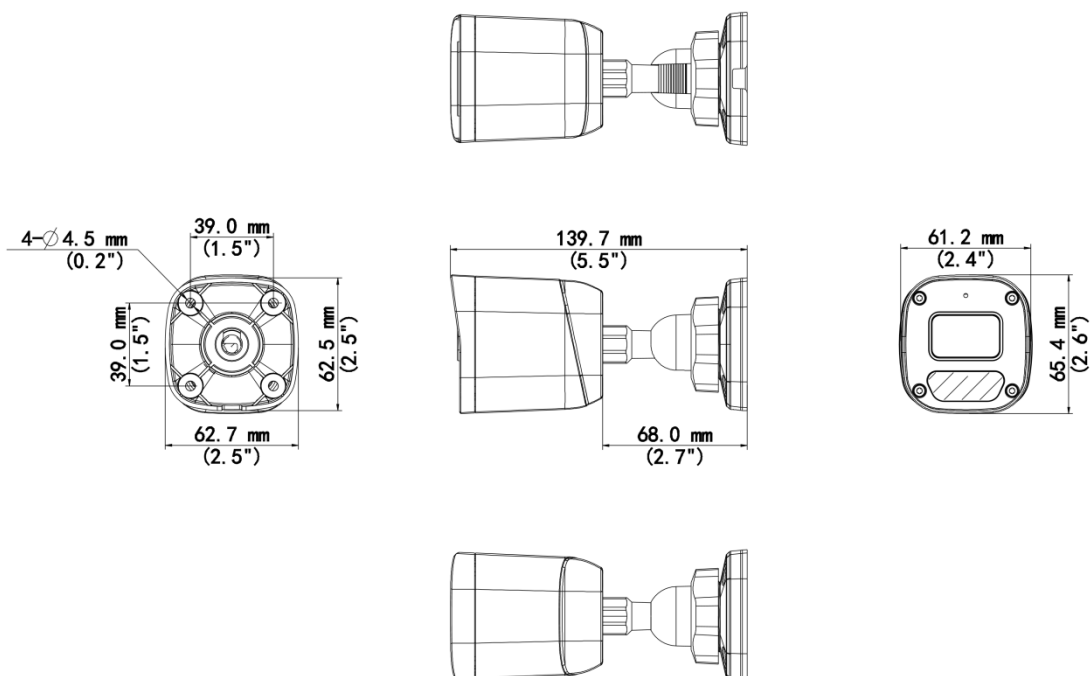
## Specifications

| Model                      | IPC2124LB-AF28-ECO                                                                                                                                                                                                 |                    | IPC2124LB-AF40-ECO |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|
| Camera                     |                                                                                                                                                                                                                    |                    |                    |
| Max Resolution             | 4 MP                                                                                                                                                                                                               |                    |                    |
| Sensor                     | 1/3.0" CMOS                                                                                                                                                                                                        |                    |                    |
| Min. Illumination          | Color: 0.003 Lux (F2.0, AGC ON), 0 Lux with IR                                                                                                                                                                     |                    |                    |
| 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                        | DWDR                                                                                                                                                                                                               |                    |                    |
| Lens                       |                                                                                                                                                                                                                    |                    |                    |
| Focal Length               | 2.8 mm                                                                                                                                                                                                             | 4.0 mm             |                    |
| Iris                       | F2.0                                                                                                                                                                                                               |                    |                    |
| Field of View (H)          | 97°                                                                                                                                                                                                                | 74.6 °             |                    |
| Field of View (V)          | 54.9°                                                                                                                                                                                                              | 40.5°              |                    |
| Field of View (D)          | 111.9 °                                                                                                                                                                                                            | 89.1 °             |                    |
| Lens Type                  | Fixed                                                                                                                                                                                                              |                    |                    |
| Iris Type                  | Fixed                                                                                                                                                                                                              |                    |                    |
| DORI                       |                                                                                                                                                                                                                    |                    |                    |
| DORI Distance (Lens)       | 2.8 mm                                                                                                                                                                                                             | 4 mm               |                    |
| DORI Distance (Detect)     | 63.0 m (206.7 ft.)                                                                                                                                                                                                 | 90.0 m (295.3 ft)  |                    |
| DORI Distance (Observe)    | 25.2 m (82.7 ft.)                                                                                                                                                                                                  | 36.0 m (118.1 ft.) |                    |
| DORI Distance (Recognize)  | 12.6 m (41.3 ft.)                                                                                                                                                                                                  | 18.0 m (59.1 ft.)  |                    |
| DORI Distance (Identify)   | 6.3 m (20.7 ft.)                                                                                                                                                                                                   | 9.0 m (29.5 ft.)   |                    |
| Illuminator                |                                                                                                                                                                                                                    |                    |                    |
| Supplemental Light         | IR                                                                                                                                                                                                                 |                    |                    |
| Illumination Distance (IR) | 30 m (98.4 ft.)                                                                                                                                                                                                    |                    |                    |
| Wavelength                 | 850 nm                                                                                                                                                                                                             |                    |                    |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                                                        |                    |                    |
| Video                      |                                                                                                                                                                                                                    |                    |                    |
| Video Compression          | Ultra 265, H.265, H.264                                                                                                                                                                                            |                    |                    |
| H.264 Code Profile         | Baseline profile, Main profile, High profile                                                                                                                                                                       |                    |                    |
| Frame Rate                 | Main Stream: 4 MP (2560 × 1440), max. 25 fps; 3 MP (2304 × 1296), max. 30 fps; 1080P (1920 × 1080), 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                   |                                                                                                                                                                                 |                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Smart Illumination      | Support                                                                                                                                                                         |                                                                               |
| 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                                                                                                                                                                             |                                                                               |
| Events                  |                                                                                                                                                                                 |                                                                               |
| 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                                                   |                                                                               |
| Audio                   |                                                                                                                                                                                 |                                                                               |
| Audio Compression       | G.711U, G.711A                                                                                                                                                                  |                                                                               |
| Audio Bitrate           | 64 Kbps                                                                                                                                                                         |                                                                               |
| Two-way Audio           | N/A                                                                                                                                                                             |                                                                               |
| Suppression             | Support                                                                                                                                                                         |                                                                               |
| Sampling Rate           | 8 kHz                                                                                                                                                                           |                                                                               |
| Storage                 |                                                                                                                                                                                 |                                                                               |
| Edge Storage            | N/A                                                                                                                                                                             |                                                                               |
| Network                 |                                                                                                                                                                                 |                                                                               |
| Protocols               | IPv4 IGMP ICMP ARP TCP UDP DHCP RTP RTSP DNS DDNS NTP UPnP HTTP QoS RTCP RTMP HTTPS                                                                                             | IPv4 IGMP ICMP ARP TCP UDP DHCP RTP RTSP DNS DDNS NTP UPnP HTTP QoS RTCP RTMP |
| Compatible Integration  | SDK, API                                                                                                                                                                        |                                                                               |
| 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, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, WSSE and Digest Authentication for ONVIF |                                                                               |
| User/Host               | Up to 32 users. 3 user levels: administrator, common user and operator                                                                                                          |                                                                               |
| Interface               |                                                                                                                                                                                 |                                                                               |
| 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       |                                                                                            |                    |
|---------------------|--------------------------------------------------------------------------------------------|--------------------|
| Protection          | IP67 (IEC 60529)                                                                           |                    |
| 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)                                   |                    |
| General             |                                                                                            |                    |
| Power               | PoE (IEEE 802.3af)                                                                         |                    |
| Power Consumption   | Max. 2.5 W                                                                                 |                    |
| Power Interface     | N/A                                                                                        |                    |
| Dimensions          | 139.7 mm × 61.2 mm × 65.4 mm (5.5" × 2.4" × 2.6") (L × W × H)                              |                    |
| Weight              | 0.14 kg (0.31 lb.)                                                                         | 0.16 kg (0.35 lb.) |
| 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 | 4 Languages: English, Russian, Spanish, Vietnamese                                         |                    |

## Dimensions



Accessories

|                                                                                     |                                                                                   |                                                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>TR-JB05-A-IN</b><br>Small Bullet Junction Box(Support wiring from behind,Square) | <b>TR-UP06-B-IN</b><br>Bullet Pole Mounting Bracket                               | <b>TR-A01-IN</b><br>NPT 3/4" Waterproof Cable Gland                                 |
|    |  |  |
| <b>TR-UP06-C-IN-V2</b><br>Pole Mounting Bracket for Bullet Junction Box Only        | <b>TR-UC08-C-V2</b><br>Bullet&Dome Corner Mounting Bracket                        |                                                                                     |
|    |  |                                                                                     |

# Unlimited New View

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