



**SPEED TECHNOLOGY**  
An ISO 9001 : 2015 Certified Company

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## 2MP Fixed Dual light Bullet Network Camera IPC2122LB-AF28(40)-DL-ECO



## Features

- High quality image with 1080P, 1/3.0" CMOS sensor
- 1080P (1920 × 1080)@30 fps; 720P (1280 × 720)@30 fps
- Smart dual-light ensures high quality image
- 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
- 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             | IPC2122LB-AF28-DL-ECO                             | IPC2122LB-AF40-DL-ECO |
|-------------------|---------------------------------------------------|-----------------------|
| Camera            |                                                   |                       |
| Max Resolution    | 2 MP                                              |                       |
| Sensor            | 1/3.0" CMOS                                       |                       |
| Min. Illumination | Color: 0.005 Lux (F1.6, AGC ON), 0 Lux with IR on |                       |

#### IPC2122LB-AF28(40)-DL-ECO

|                                    |                                                                                                                                                                                    |                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 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 Type                          | Fixed                                                                                                                                                                              |                    |
| Iris                               | F1.6                                                                                                                                                                               |                    |
| Field of View (H)                  | 85.1°                                                                                                                                                                              | 67.3°              |
| Field of View (V)                  | 46.6°                                                                                                                                                                              | 37.2°              |
| Field of View (D)                  | 95.5°                                                                                                                                                                              | 77.8°              |
| Lens Type                          | Fixed                                                                                                                                                                              |                    |
| DORI                               |                                                                                                                                                                                    |                    |
| DORI Distance (Lens)               | 2.8 mm                                                                                                                                                                             | 4 mm               |
| DORI Distance (Detect)             | 51.4 m (168.7 ft.)                                                                                                                                                                 | 73.5 m (241.0 ft.) |
| DORI Distance (Observe)            | 20.6 m (67.5 ft.)                                                                                                                                                                  | 29.4 m (96.4 ft.)  |
| DORI Distance (Recognize)          | 10.3 m (33.8 ft.)                                                                                                                                                                  | 14.7 m (48.2 ft.)  |
| DORI Distance (Identify)           | 5.1 m (16.9 ft.)                                                                                                                                                                   | 7.3 m (24.0 ft.)   |
| Illuminator                        |                                                                                                                                                                                    |                    |
| Supplemental Light                 | Dual light                                                                                                                                                                         |                    |
| Illumination Distance (IR)         | 30 m (98.4 ft.)                                                                                                                                                                    |                    |
| Illumination Distance (Warm Light) | 15 m (49.2 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: 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                                | Up to 8 areas                                                                                                                                                                      |                    |
| 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                                                                                                                                                                                |                    |

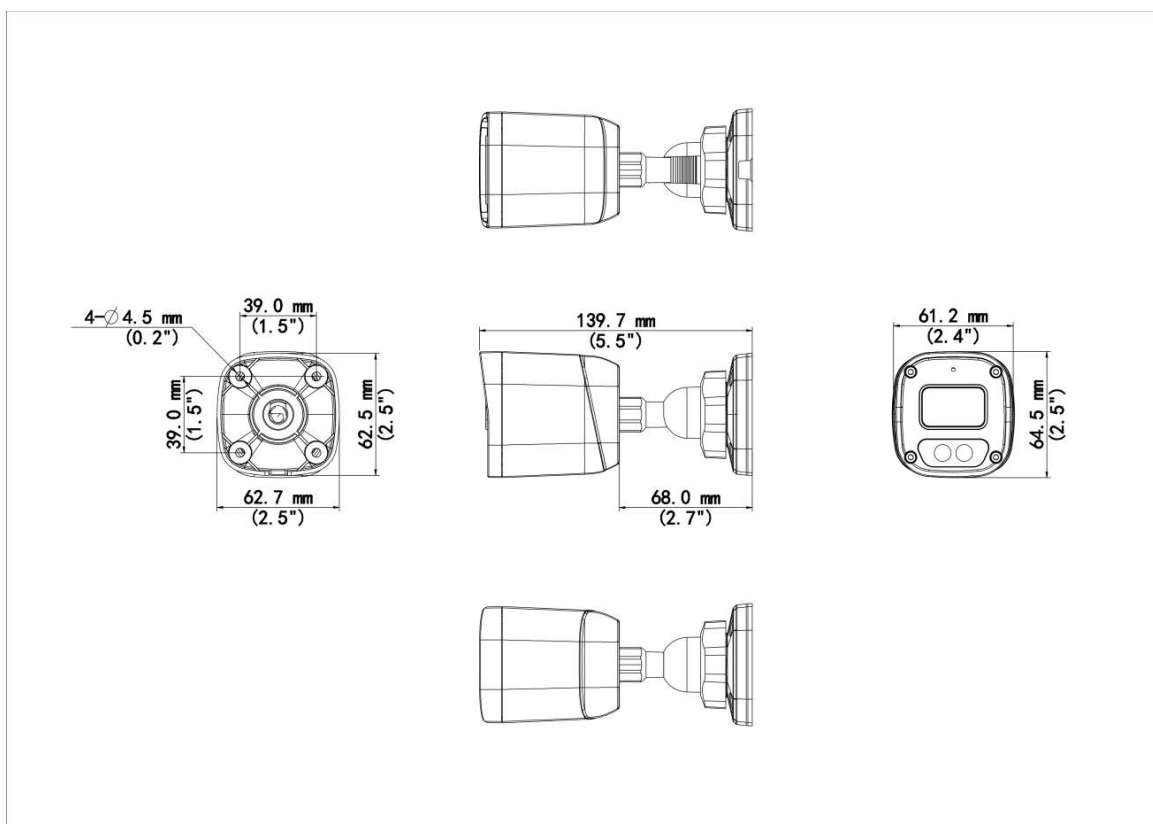
#### IPC2122LB-AF28(40)-DL-ECO

|                        |                                                                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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             | IP67 (IEC 60529)                                                                                                                                                                |
| <b>General</b>         |                                                                                                                                                                                 |
| Power                  | PoE (IEEE 802.3af)                                                                                                                                                              |

## IPC2122LB-AF28(40)-DL-ECO

|                     |                                                                         |
|---------------------|-------------------------------------------------------------------------|
| Power Consumption   | Max. 3.5 W                                                              |
| Power Interface     | N/A                                                                     |
| Dimensions          | 140 mm × 61 mm × 65 mm (5.5" × 2.4" × 2.6") (L × W × H)                 |
| Weight              | 0.15 kg (0.34 lb.)                                                      |
| Material            | Graphene + 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-JB05-A-IN

Small Bullet Junction Box(Support wiring from behind,Square)



### TR-UP06-B-IN

Bullet Pole Mounting Bracket



### TR-A01-IN

NPT 3/4" Waterproof Cable Gland



## IPC2122LB-AF28(40)-DL-ECO

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TR-UP06-C-IN-V2

Pole Mounting Bracket for Bullet Junction  
Box Only



TR-UC08-C-V2

Bullet&Dome Corner Mounting Bracket

