

## 4MP Fixed IR Dome Network Camera IPC324LB-AF28K-A2



## 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
- Built-in mic
- Smart IR, up to 30 m (98.4 ft.) IR distance
- Day/night functionality
- 2D/3D DNR (digital noise reduction)
- MicroSD, up to 512 GB
- DC 12 V, PoE (IEEE 802.3af) power supply
- IP67 protection
- IK10 vandal resistant
- 2-axis

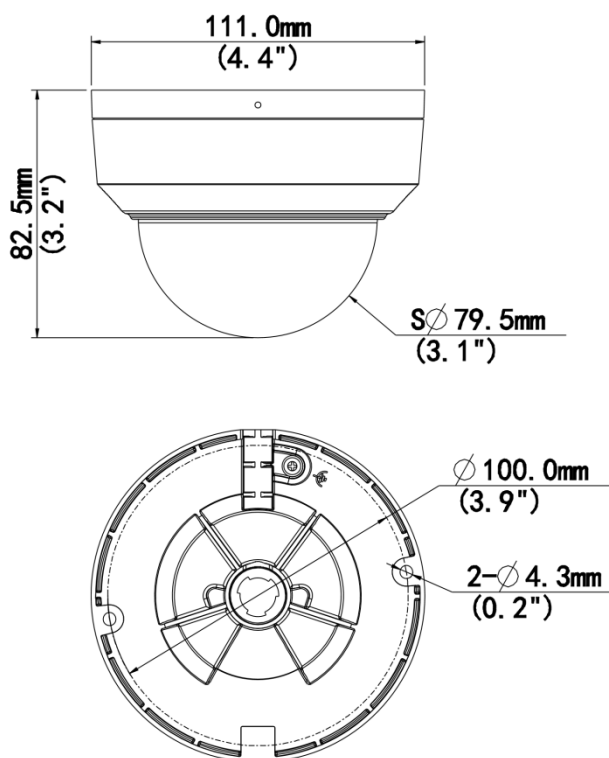
## Specifications

| Model                      | IPC324LB-AF28K-A2                                                                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera                     |                                                                                                                                                                                                                                                  |
| Max Resolution             | 4 MP                                                                                                                                                                                                                                             |
| Sensor                     | 1/3.0" CMOS                                                                                                                                                                                                                                      |
| Min. Illumination          | Color: 0.01 Lux (F2.0, AGC ON), 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: 3° to 360°, Tilt: 0° to 75°                                                                                                                                                                                                                 |
| S/N                        | > 52 dB                                                                                                                                                                                                                                          |
| WDR                        | DWDR                                                                                                                                                                                                                                             |
| Lens                       |                                                                                                                                                                                                                                                  |
| Focal Length               | 2.8 mm                                                                                                                                                                                                                                           |
| Iris                       | F2.0                                                                                                                                                                                                                                             |
| Field of View (H)          | 94.3°                                                                                                                                                                                                                                            |
| Field of View (V)          | 52.2°                                                                                                                                                                                                                                            |
| Field of View (D)          | 99.6°                                                                                                                                                                                                                                            |
| Lens Type                  | Fixed                                                                                                                                                                                                                                            |
| Iris Type                  | Fixed                                                                                                                                                                                                                                            |
| DORI                       |                                                                                                                                                                                                                                                  |
| DORI Distance (Lens)       | 2.8 mm                                                                                                                                                                                                                                           |
| DORI Distance (Detect)     | 63.0 m (206.7 ft.)                                                                                                                                                                                                                               |
| DORI Distance (Observe)    | 25.2 m (82.7 ft.)                                                                                                                                                                                                                                |
| DORI Distance (Recognize)  | 12.6 m (41.3 ft.)                                                                                                                                                                                                                                |
| DORI Distance (Identify)   | 6.3 m (20.7 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: D1 (720 × 576), max. 30 fps; 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                                                                                                                                                                                               |
| <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         | Human body detection 2.0, Motion detection, Audio detection                                                                                                                                                |
| General Function        | Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication                                                                              |
| <b>Audio</b>            |                                                                                                                                                                                                            |
| Audio Compression       | AAC-LC, G.711U, G.711A                                                                                                                                                                                     |
| Audio Bitrate           | G.711U/G.711A: 64 kbps, AAC-LC: 128 kbps                                                                                                                                                                   |
| Two-way Audio           | N/A                                                                                                                                                                                                        |
| Suppression             | Support                                                                                                                                                                                                    |
| Sampling Rate           | G.711U/G.711A: 8 kHz, AAC-LC: 8 kHz, 16 kHz, 48 kHz                                                                                                                                                        |
| <b>Storage</b>          |                                                                                                                                                                                                            |
| Edge Storage            | MicroSD, up to 512 GB                                                                                                                                                                                      |
| <b>Network</b>          |                                                                                                                                                                                                            |
| Protocols               | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS, SSL/TLS                                                                                              |
| Compatible Integration  | API, SDK                                                                                                                                                                                                   |
| Client                  | EZStation, APP                                                                                                                                                                                             |
| Web Browser             | Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+, Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+                                                                           |
| 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 |
| User/Host               | Up to 32 users. 3 user levels: administrator, common user and operator                                                                                                                                     |
| <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                                                                                                                                                                                                        |

| Certification       |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| EMC                 | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130-4)<br>FCC (FCC 47 CFR part15 B) |
| Protection          | IP67 (IEC 60529)<br>IK10 (IEC 62262)                                                       |
| Safety              | CE-LVD (EN 62368-1)                                                                        |
| Environment         | CE-RoHS (2011/65/EU ; (EU) 2015/863) ; WEEE (2012/19/EU)                                   |
| General             |                                                                                            |
| Power               | DC 12 V $\pm$ 25%, PoE (IEEE 802.3af)                                                      |
| Power Consumption   | Max. 3.9 W                                                                                 |
| Power Interface     | Ø5.5 mm coaxial power plug                                                                 |
| Dimensions          | Ø111 mm × 82.5 mm (Ø4.4" × 3.2") (Ø × H)                                                   |
| Weight              | 0.35 kg (0.77 lb.)                                                                         |
| Material            | Metal + 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        | N/A                                                                                        |
| Web Client Language | 4 Languages: English, Russian, Spanish, Vietnamese                                         |

## Dimensions



## Accessories

|                                                                                     |                                                                                                                     |                                                                                                     |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>TR-JB03-G-IN</b><br>Junction Box for Mini Fix-dome(Support wiring from behind)   | <b>HS-205S</b><br>Sunshade Shell for Fixed Focus Dome                                                               | <b>TR-UM06-E-IN</b><br>Slant Mounting Bracket for Fixed Dome                                        |
|    |                                    |                  |
| <b>TR-A01-IN</b><br>NPT 3/4" Waterproof Cable Gland                                 | <b>TR-SE24-IN</b><br>Dome Pendant Mounting Pole 200mm                                                               | <b>TR-SE24-A-IN</b><br>Dome Pendant Mounting Pole 500mm                                             |
|    |                                    |                  |
| <b>TR-CM24-IN</b><br>Dome Pendant Mounting Bracket(Indoor)                          | <b>TR-JB07/WM03-G-IN-V2</b><br>Wall Mounting Assembling Bracket For 32 Fix-dome&Mini Fix-dome&Plastic Turret Camera | <b>TR-WM03-D-IN-V2</b><br>Wall Mounting Bracket for 32 Fix-dome&Mini Fix-dome&Plastic Turret Camera |
|  |                                  |                |
| <b>TR-UC08-C-V2</b><br>Bullet&Dome Corner Mounting Bracket                          | <b>TR-FM116</b><br>In-ceiling Bracket for Fix-dome                                                                  | <b>TR-WM07P-B</b><br>Dome Wall Mounting Plastic Bracket                                             |
|  |                                  |                |
| <b>TR-UP06-C-IN-V2</b><br>Pole Mounting Bracket for Bullet Junction Box Only        |                                                                                                                     |                                                                                                     |
|  |                                                                                                                     |                                                                                                     |

# Unlimited New View

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