

## 4MP Dual-light WDR Mini Dome Network Camera IPC314LE-ADF28K-DL



## Features

- High quality image with 4MP, 1/3.0" CMOS sensor
- 4 MP (2688 × 1520)@25/20 fps; 4 MP (2560 × 1440)@25/20 fps; 3 MP (2304 × 1296)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, including cross line, intrusion detection
- Support ultra motion detection (human/ vehicle detection)
- ColorHunter technology ensures 24-hour full-color images
- 120 dB true WDR technology enables clear image in strong light scene
- Supports 9:16 corridor mode
- Built in mic
- Smart IR, up to 30 m (98.4 ft) IR distance
- Warm light, up to 30 m (98.4 ft) warm light distance
- MicroSD, up to 512 GB
- IP67 protection

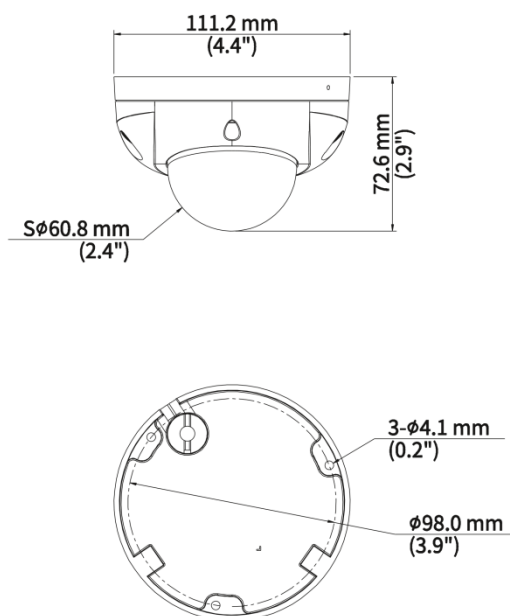
## Specifications

| Model                      | IPC314LE-ADF28K-DL                                                                                                                                                                                                                                                                                                                              |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>              |                                                                                                                                                                                                                                                                                                                                                 |
| Max Resolution             | 4 MP                                                                                                                                                                                                                                                                                                                                            |
| Sensor                     | 1/3.0" CMOS                                                                                                                                                                                                                                                                                                                                     |
| Min. Illumination          | Color: 0.005 Lux (F1.6, 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: -48° to 48°, Tilt: 0° to 80°, Rotate: 0° to 360°                                                                                                                                                                                                                                                                                           |
| S/N                        | > 52 dB                                                                                                                                                                                                                                                                                                                                         |
| WDR                        | 120 dB                                                                                                                                                                                                                                                                                                                                          |
| <b>Lens</b>                |                                                                                                                                                                                                                                                                                                                                                 |
| Focal Length               | 2.8 mm                                                                                                                                                                                                                                                                                                                                          |
| Iris Type                  | Fixed                                                                                                                                                                                                                                                                                                                                           |
| Iris                       | F1.6                                                                                                                                                                                                                                                                                                                                            |
| Field of View (H)          | 100.5°                                                                                                                                                                                                                                                                                                                                          |
| Field of View (V)          | 58.4°                                                                                                                                                                                                                                                                                                                                           |
| Field of View (D)          | 123.1°                                                                                                                                                                                                                                                                                                                                          |
| Lens Type                  | Fixed                                                                                                                                                                                                                                                                                                                                           |
| <b>DORI</b>                |                                                                                                                                                                                                                                                                                                                                                 |
| 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.)                                                                                                                                                                                                                                                                                                                                |
| <b>Illuminator</b>         |                                                                                                                                                                                                                                                                                                                                                 |
| Supplemental Light         | Dual light                                                                                                                                                                                                                                                                                                                                      |
| Illumination Distance (IR) | 30 m (98.4 ft.)                                                                                                                                                                                                                                                                                                                                 |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                                                                                                                                                                                     |
| Wavelength                 | 850 nm                                                                                                                                                                                                                                                                                                                                          |
| <b>Video</b>               |                                                                                                                                                                                                                                                                                                                                                 |
| Video Compression          | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                                                                                                                                                  |
| H.264 Code Profile         | Baseline profile, High profile                                                                                                                                                                                                                                                                                                                  |
| Frame Rate                 | Main Stream: 4MP (2688 × 1520), max.25 fps; 4MP (2560 × 1440), max.25 fps; 3MP (2304 × 1296), max.30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps;<br>Sub Stream: 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps;<br>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 IR                | Support                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| White Balance           | Auto, Outdoor, Fine tune, Locked, Sodium lamp, Auto2, Area white balance                                                                                                                                                                                                                                                                                                                                                                      |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Flip                    | Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise                                                                                                                                                                                                                                                                                                                                                               |
| Dewarping               | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| HLC                     | Support                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| BLC                     | Support                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Defog                   | Digital defog                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Intelligent             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| People Counting         | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Statistical Analysis    | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Events                  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Basic Detection         | Motion detection, Audio detection, Tampering alarm, Ultra motion detection (human/ vehicle detection) , Cross line (based on human body detection), Intrusion (based on human body detection)                                                                                                                                                                                                                                                 |
| General Function        | Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, HTTP authentication, User 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            | MicroSD, up to 512 GB                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Network Storage         | NAS (NFS)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Network                 |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protocols               | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, SNMP, QoS, SSH                                                                                                                                                                                                                                                                                                     |
| Compatible Integration  | SDK,<br>API, ONVIF (Profile S, Profile G, Profile T)                                                                                                                                                                                                                                                                                                                                                                                          |
| User/Host               | Up to 32 users. 2 user levels: administrator and common user                                                                                                                                                                                                                                                                                                                                                                                  |
| Security                | DTLS 1.2, TLS 1.2, Strong Password, HTTPS, Password protection, HTTPS encryption, Basic and Digest Authentication for RTSP, WSSE and Digest Authentication for ONVIF, Digest Authentication for HTTP, RTP/RTSP over HTTPS, Audit logs, Configuration Encrypted Storage, Configuration Encrypted Export, Digital Watermarking, Gateway ARP Binding, Digest SHA256 Authentication for HTTP, Digest SHA256 Authentication for RTSP, IP Filtering |
| Client                  | EZStation, APP                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Web Browser             | Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+                                                                                                                                                                                                                                                                                                                                                                                     |
| 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                                                                                        |
| <b>Certification</b> |                                                                                            |
| EMC                  | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130-4)<br>FCC (FCC 47 CFR part15 B) |
| Safety               | CE LVD (EN 62368-1)<br>UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)                      |
| Environment          | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);                                      |
| Protection           | IP67 (IEC 60529)<br>IK10 (IEC 62262)                                                       |
| <b>General</b>       |                                                                                            |
| Power                | DC 12 V±25%, PoE (IEEE 802.3af)                                                            |
| Power Consumption    | Max 5.6 W                                                                                  |
| Power Interface      | Ø5.5 mm coaxial power plug                                                                 |
| Dimensions           | Ø111.2 mm × 72.6 mm (Ø4.4" × 2.9") (Ø × H)                                                 |
| Weight               | 0.36kg (0.79lb)                                                                            |
| Material             | Metal + Plastic                                                                            |
| Working Environment  | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)                    |
| Storage Environment  | -40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)                    |
| Surge Protection     | 4 KV                                                                                       |
| Reset Button         | Support                                                                                    |
| Web Client Language  | 4 Languages: English, Russian, Spanish, Vietnamese                                         |

## Dimensions



## Accessories

### TR-JB03-G-IN

Junction Box for Mini Fix-dome(Support wiring from behind)



### TR-A01-IN

NPT 3/4" Waterproof Cable Gland



### TR-WM03-D-IN-V2

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



### TR-UP06-C-IN-V2

Pole Mounting Bracket for Bullet Junction Box Only



### TR-UM06-E-IN

Slant Mounting Bracket for Fixed Dome



### TR-UC08-C-V2

Bullet&Dome Corner Mounting Bracket



## TR-SE24-IN

Dome Pendant Mounting Pole 200mm



## TR-SE24-A-IN

Dome Pendant Mounting Pole 500mm



## TR-CM24-IN

Dome Pendant Mounting Bracket(Indoor)



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

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

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