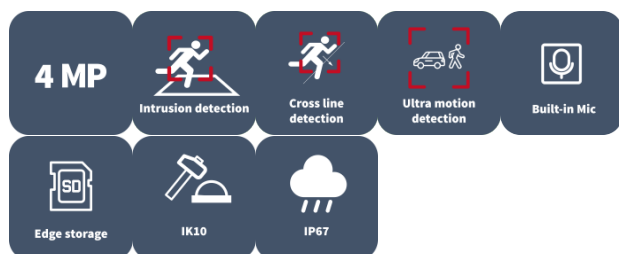


# 4MP HD Vandal-resistant IR Fixed Dome Network Camera IPC324LE-ADF28(40)K-H



## Features

- High quality image with 4 MP, 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
- Easystar technology ensures high image quality in low illumination environment
- 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
- MicroSD, up to 512 GB
- IK10 vandal resistant
- IP67 protection
- Supports PoE power supply
- 3-axis

## Specifications

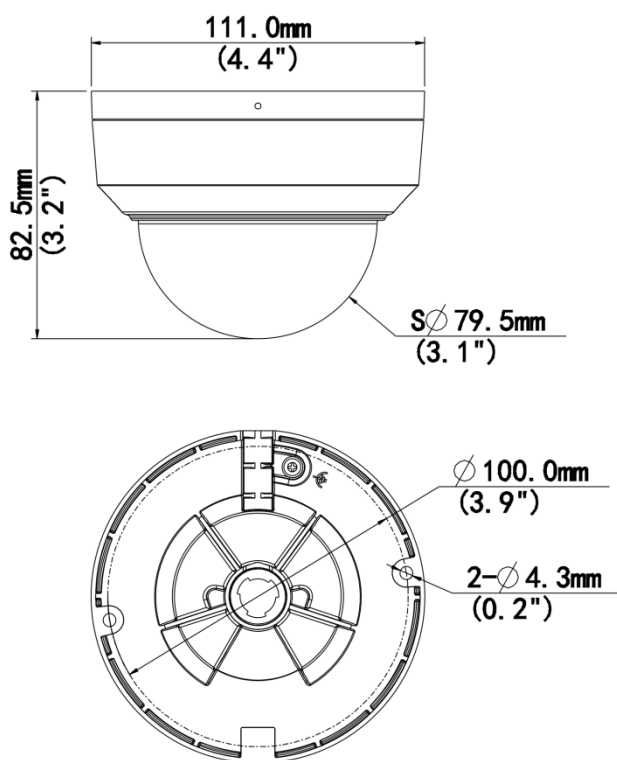
| Model          | IPC324LE-ADF28K-H | IPC324LE-ADF40K-H |
|----------------|-------------------|-------------------|
| Camera         |                   |                   |
| Max Resolution | 4 MP              |                   |
| Sensor         | 1/3.0" CMOS       |                   |

|                            |                                                                                                                                                                                                                                                                                      |                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Min. Illumination          | Color: 0.003 Lux (F1.6, AGC ON), 0 Lux with IR on                                                                                                                                                                                                                                    |                    |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                                                                                                                                                                                 |                    |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                                                                                           |                    |
| Adjustment Angle           | Pan: 8° to 360°, Tilt: 0° to 68°, Rotate: 10° to 360°                                                                                                                                                                                                                                |                    |
| S/N                        | >52 dB                                                                                                                                                                                                                                                                               |                    |
| WDR                        | 120 dB                                                                                                                                                                                                                                                                               |                    |
| Lens                       |                                                                                                                                                                                                                                                                                      |                    |
| Focal Length               | 2.8 mm                                                                                                                                                                                                                                                                               | 4.0 mm             |
| Iris Type                  | Fixed                                                                                                                                                                                                                                                                                |                    |
| Iris                       | F1.6                                                                                                                                                                                                                                                                                 |                    |
| Field of View (H)          | 97.0°                                                                                                                                                                                                                                                                                | 79.0°              |
| Field of View (V)          | 52.2°                                                                                                                                                                                                                                                                                | 42.3°              |
| Field of View (D)          | 107.5°                                                                                                                                                                                                                                                                               | 85.1°              |
| 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, MJPEG                                                                                                                                                                                                                                                       |                    |
| H.264 Code Profile         | Baseline profile, Main profile, High profile                                                                                                                                                                                                                                         |                    |
| Frame Rate                 | Main Stream: 4 MP (2688 × 1520), max. 25 fps; 4 MP (2560 × 1440), max. 25 fps; 3 MP (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 |                    |
| 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                      |                                                                                                                                                                                                                                                                                      |                    |
| White Balance              | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2                                                                                                                                                                                                                                 |                    |
| Digital Noise Reduction    | 2D/3D DNR                                                                                                                                                                                                                                                                            |                    |
| Smart IR                   | Support                                                                                                                                                                                                                                                                              |                    |
| Flip                       | Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise                                                                                                                                                                                                      |                    |
| Dewarping                  | N/A                                                                                                                                                                                                                                                                                  |                    |
| HLC                        | Support                                                                                                                                                                                                                                                                              |                    |

|                        |                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BLC                    | Support                                                                                                                                                                                                    |
| Defog                  | Digital defog                                                                                                                                                                                              |
| Events                 |                                                                                                                                                                                                            |
| Basic Detection        | Cross line (based on human body detection), Intrusion (based on human body detection), Motion detection, Ultra motion detection, Tampering alarm, Audio detection                                          |
| General Function       | Watermark, IP address filtering, Access policy, ARP protection, RTSP 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        | ANR, NAS (NFS)                                                                                                                                                                                             |
| Network                |                                                                                                                                                                                                            |
| Protocols              | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL/TLS, 802.1x, SNMP                                                                     |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API, SDK                                                                                                                                                          |
| User/Host              | Up to 32 users. 3 user levels: administrator, common user and operator                                                                                                                                     |
| 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 |
| 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+                                                                           |
| 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          |                                                                                                                                                                                                            |
| EMC                    | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035)<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)                                                                                                             |
| General             |                                                                                                                                                  |
| Power               | DC 12 V±25%, PoE (IEEE 802.3af)                                                                                                                  |
| Power Consumption   | Max. 4.4 W                                                                                                                                       |
| Power Interface     | Ø5.5 mm coaxial power plug                                                                                                                       |
| Dimensions          | Ø111 mm × 83 mm (Ø4.4" × 3.3") (Ø × H)                                                                                                           |
| Weight              | 0.35 kg (0.77 lb.)                                                                                                                               |
| Material            | Metal + 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        | Support                                                                                                                                          |
| Web Client Language | 13 Languages: English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese, Spanish, Spanish (Europe), Italian |

## Dimensions



## Accessories

**TR-JB03-G-IN**

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

**TR-UM06-E-IN**

Slant Mounting Bracket for Fixed Dome

**TR-A01-IN**

NPT 3/4" Waterproof Cable Gland

**TR-UP06-IN**

Universal Pole 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

**TR-WM03-D-IN-V2**

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

**TR-UC08-C-V2**

Bullet&Dome Corner Mounting Bracket

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