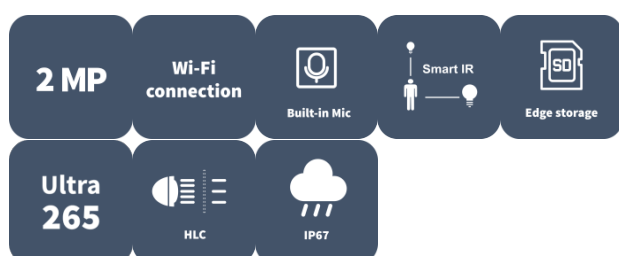


## 2MP WIFI Fixed Dome Network Camera IPC322LB-AF28WK-G



## Features

- High quality image with 1080P, 1/2.9" CMOS sensor
- 1080P (1920 × 1080)@30/25 fps; 720P (1280 × 720)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Built-in mic
- Smart IR, up to 30 m (98.4 ft.) IR distance
- MicroSD, up to 512 GB
- IK10 vandal resistant
- IP67 protection
- 3-axis

## Specifications

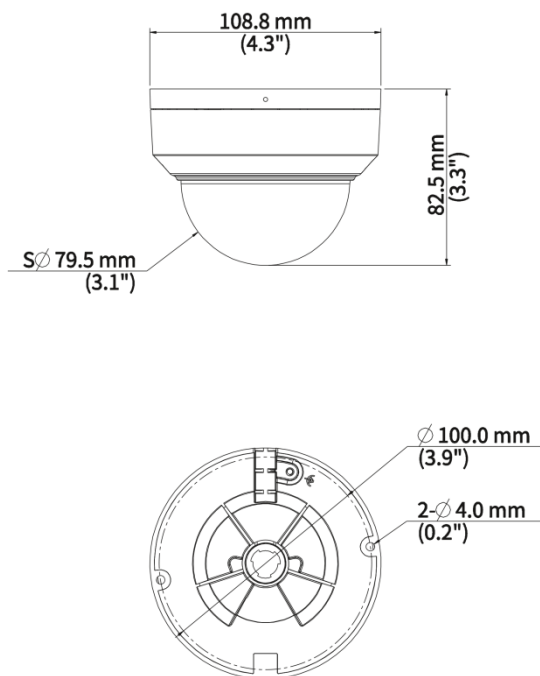
| Model             | IPC322LB-AF28WK-G                                |
|-------------------|--------------------------------------------------|
| Camera            |                                                  |
| Max Resolution    | 2 MP                                             |
| Sensor            | 1/2.9" 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 ~ 1/100000s                       |

|                            |                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adjustment Angle           | Pan: 0° to 352°, Tilt: 0° to 70°, Rotate: 0° to 350°                                                                                                                              |
| S/N                        | >52 dB                                                                                                                                                                            |
| WDR                        | DWDR                                                                                                                                                                              |
| <b>Lens</b>                |                                                                                                                                                                                   |
| Focal Length               | 2.8 mm                                                                                                                                                                            |
| Iris Type                  | Fixed                                                                                                                                                                             |
| Iris                       | F2.0                                                                                                                                                                              |
| Field of View (H)          | 101.1°                                                                                                                                                                            |
| Field of View (V)          | 55.0°                                                                                                                                                                             |
| Field of View (D)          | 111.0°                                                                                                                                                                            |
| <b>DORI</b>                |                                                                                                                                                                                   |
| DORI Distance (Lens)       | 2.8 mm                                                                                                                                                                            |
| DORI Distance (Detect)     | 45.0 m (147.6 ft.)                                                                                                                                                                |
| DORI Distance (Observe)    | 18.0 m (59.1 ft.)                                                                                                                                                                 |
| DORI Distance (Recognize)  | 9.0 m (29.5 ft.)                                                                                                                                                                  |
| DORI Distance (Identify)   | 4.5 m (14.8 ft.)                                                                                                                                                                  |
| <b>Illuminator</b>         |                                                                                                                                                                                   |
| Supplemental Light         | IR                                                                                                                                                                                |
| Illumination Distance (IR) | 30 m (98.4 ft.)                                                                                                                                                                   |
| Wavelength                 | 850 nm                                                                                                                                                                            |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                       |
| <b>Video</b>               |                                                                                                                                                                                   |
| Video Compression          | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                    |
| 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               | Support (only NVR)                                                                                                                                                                |
| ROI                        | Support                                                                                                                                                                           |
| Video Stream               | Dual streams                                                                                                                                                                      |
| <b>Image</b>               |                                                                                                                                                                                   |
| 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°                                                                                                                                      |
| Dewarping                  | N/A                                                                                                                                                                               |
| HLC                        | Support                                                                                                                                                                           |
| BLC                        | Support                                                                                                                                                                           |
| Defog                      | Digital defog                                                                                                                                                                     |
| <b>Events</b>              |                                                                                                                                                                                   |
| Basic Detection            | Human body detection, Motion detection, Tampering alarm, Audio detection                                                                                                          |

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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           | MicroSD, up to 512 GB                                                                                                         |
| Network Storage        | ANR, NAS (NFS)                                                                                                                |
| <b>Network</b>         |                                                                                                                               |
| Protocols              | IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP                                                                              |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API, SDK                                                                             |
| User/Host              | Up to 32 users, 2 user levels: administrator and common user                                                                  |
| Client                 | UNV-Link, UNV-Link Pro, EZStation                                                                                             |
| Web Browser            | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+                                                         |
| <b>Wi-Fi</b>           |                                                                                                                               |
| Wireless Standards     | IEEE802.11b/g/n                                                                                                               |
| Frequency Range        | 2.4 GHz to 2.4835 GHz                                                                                                         |
| Channel Bandwidth      | 20 MHz Support                                                                                                                |
| Modulation Mode        | 802.11b: CCK, QPSK, BPSK<br>802.11g/n: OFDM/HT                                                                                |
| Wi-Fi Security         | 64/128-bit WEP, WPA-PSK/WPA2-PSK                                                                                              |
| Transmit Power         | 802.11b: 17±1.5 dBm@11 Mbps802.11g: 14±1.5 dBm@54 Mbps802.11n: 12.5±1.5 dBm@150 Mbps                                          |
| Receive Sensitivity    | 802.11b: -90 dBm@11 Mbps (Typical)802.11g: -75 dBm@54 Mbps (Typical)802.11n: -74 dBm@150 Mbps (Typical)                       |
| Transmission Rate      | 802.11b: 11 Mbps802.11g: 54 Mbps802.11n: up to 150 Mbps                                                                       |
| <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                   | Support                                                                                                                       |
| 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 55035)<br>FCC (FCC 47 CFR part15 B)                                      |
| RF                     | FCC ID (FCC CFR 47 part15 C)CE RED (EN 301 489-1, EN 301 489-17, EN 300 328, EN 62311)                                        |

|                     |                                                                         |
|---------------------|-------------------------------------------------------------------------|
| Safety              | CE LVD (EN 62368-1)                                                     |
|                     | CB (IEC 62368-1)                                                        |
|                     | 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)                                                        |
|                     | IK10 (IEC 62262)                                                        |
| General             |                                                                         |
| Power               | DC 12 V $\pm$ 25%                                                       |
| Power Consumption   | Max. 4.0 W                                                              |
| Power Interface     | Ø5.5 mm coaxial power plug                                              |
| Dimensions          | Ø109 mm × 83 mm (Ø4.29" × 3.3") (Ø × H)                                 |
| Weight              | 0.32 kg (0.71 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        | 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-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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