

# 4MP Fixed Intelligent Dual light Dome Network Camera IPC324SB-ADF28(40)KM-DL-I1



## Features

- High quality image with 4 MP, 1/2.9" CMOS sensor
- 4 MP (2688 × 1520)@30/25 fps; 4 MP (2560 × 1440)@30/25 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, enter area, leave area detection
- Intelligent intrusion prevention system based on target classification significantly reduces false alarms caused by leaves, birds, and lights, accurately focusing on humans, vehicles, and non-motor vehicles
- Support ultra motion detection
- Intelligent people flow counting and crowd density monitoring
- 120 dB true WDR technology enables clear image in strong light scene
- Supports 9:16 corridor mode
- Alarm I/O: 1/1, audio I/O: 1/1
- MicroSD, up to 512 GB
- IK10 vandal resistant and IP67 protection

## Specifications

| Model                              | IPC324SB-ADF28KM-DL-I1  | IPC324SB-ADF40KM-DL-I1 |
|------------------------------------|---|------------------------|
| <b>Camera</b>                      |   |                        |
| Max Resolution                     | 4 MP  |                        |
| Sensor                             | 1/2.9" CMOS   |                        |
| Min. Illumination                  | Color: 0.002 Lux (F1.6, AGC ON), 0 Lux with light   |                        |
| Day/Night                          | IR-cut filter with auto switch (ICR)  |                        |
| Shutter                            | Auto/Manual, 1 to 1/100000 s  |                        |
| Adjustment Angle                   | Pan: 8° to 360°, Tilt: 0° to 68°, Rotate: 10° to 360°   |                        |
| S/N                                | > 52 dB   |                        |
| WDR                                | 120 dB  |                        |
| <b>Lens</b>                        |   |                        |
| Focal Length                       | 2.8 mm  | 4.0 mm                 |
| Iris                               | F1.6  |                        |
| Field of View (H)                  | 104.5°  | 82.2°                  |
| Field of View (V)                  | 60.2°   | 44.8°                  |
| Field of View (D)                  | 119.5°  | 96.8°                  |
| Lens Type                          | Fixed   |                        |
| Iris Type                          | Fixed   |                        |
| <b>DORI</b>                        |   |                        |
| DORI Distance (Lens)               | 2.8 mm  | 4.0 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.)       |
| <b>Illuminator</b>                 |   |                        |
| Illumination Distance (Warm Light) | 30 m (98.4 ft.)   |                        |
| Illumination Distance (IR)         | 30 m (98.4 ft.)   |                        |
| Wavelength                         | 850 nm  |                        |
| Light 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: 4 MP (2688 × 1520), max. 30 fps; 4 MP (2560 × 1440), max. 30 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; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps;<br>Third 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 16 Mbps   |                        |
| U-code                             | Support   |                        |







|                            |  |
|----------------------------|--|
| OSD                        | Up to 8 OSDs   |
| Privacy Mask               | Up to 4 areas  |
| ROI                        | Support  |
| Video Stream               | Triple streams   |
| <b>Image</b>               |  |
| White Balance              | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance   |
| Smart IR                   | Support  |
| Digital Noise Reduction    | 2D/3D DNR  |
| Flip                       | Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise  |
| Dewarping                  | Support  |
| HLC                        | Support  |
| BLC                        | Support  |
| Defog                      | Digital defog  |
| <b>Intelligent</b>         |  |
| Smart Intrusion Prevention | Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)                                 |
| People Counting            | Support people flow counting and crowd density detection   |
| <b>Events</b>              |  |
| Basic Detection            | Motion detection, Ultra motion detection, Tampering alarm, Audio detection   |
| General Function           | Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output   |
| <b>Audio</b>               |  |
| Audio Compression          | G.711U, G.711A, AAC-LC   |
| 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  |
| Network Storage            | ANR, NAS (NFS)   |
| <b>Network</b>             |  |
| Protocols                  | IGMP, SMTP, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, DNS, DDNS, NTP, UPnP, HTTP, 802.1x, SNMP, SSL/TLS, IPv4, RTP, RTCP, RTMP, HTTPS, FTP   |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK   |
| User/Host                  | Up to 32 users. 2 user levels: administrator and common user   |
| 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, DTLS 1.2 |
| Client                     | EZStation, APP   |
| Web Browser                | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+   |
| <b>Interface</b>           |  |
| Audio I/O                  | 1 Input: impedance 35 kΩ, amplitude 2 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p]  |








|                      |   |
|----------------------|---|
| Alarm I/O            | 1/1   |
| 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. 5.4 W  |
| Power Interface      | Ø5.5 mm coaxial power plug  |
| Dimensions           | Ø111.0 mm × 82.5 mm (Ø4.4" × 3.3") (Ø × H)  |
| Weight               | 0.44kg (0.97 lb)  |
| 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   |
| Material             | Metal   |
| Web Client Language  | 20 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese |

# Dimensions



# Accessories

|  |   |  |
|--|---|--|
| <p><b>TR-JB03-G-IN</b></p> <p>Junction Box for Mini Fix-dome(Support wiring from behind)</p>                           | <p><b>HS-205S</b></p> <p>Sunshade Shell for Fixed Focus Dome</p>                    | <p><b>TR-JB07/WM03-G-IN-V2</b></p> <p>Wall Mounting Assembling Bracket For 32 Fix-dome&amp;Mini Fix-dome&amp;Plastic Turret Camera</p> |
|                                     |  |   |
| <p><b>TR-WM03-D-IN-V2</b></p> <p>Wall Mounting Bracket for 32 Fix-dome&amp;Mini Fix-dome&amp;Plastic Turret Camera</p> | <p><b>TR-UM06-E-IN</b></p> <p>Slant Mounting Bracket for Fixed Dome</p>             | <p><b>TR-FM116</b></p> <p>In-ceiling Bracket for Fix-dome</p>  |
|                                     |  |   |

|  |  |   |
|--|--|---|
| <p><b>TR-A01-IN</b><br/>NPT 3/4" Waterproof Cable Gland</p>                        | <p><b>TR-UP06-C-IN-V2</b><br/>Pole Mounting Bracket for Bullet Junction Box Only</p> | <p><b>TR-UC08-C-V2</b><br/>Bullet&amp;Dome Corner Mounting Bracket</p>              |
|   |     |  |
| <p><b>TR-WM07P-B</b><br/>Dome Wall Mounting Plastic Bracket</p>                    | <p><b>TR-CM24-IN</b><br/>Dome Pendent Mounting Bracket(Indoor)</p>                   | <p><b>TR-SE24-A-IN</b><br/>Dome Pendent Mounting Pole 500mm</p>                     |
|   |     |  |
| <p><b>TR-SE24-IN</b><br/>Dome Pendent Mounting Pole 200mm</p>                      |  |   |
|  |  |   |

# Unlimited New View

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