

## 8MP Fixed Intelligent Dual light Dome Network Camera IPC328SB-ADF28(40)KM-DL-I1



## Features

- High quality image with 8 MP, 1/2.7" CMOS sensor
- 8 MP (3840 × 2160)@25/24 fps; 5 MP (3072 × 1728)@30/25 fps; 4 MP (2560 × 1440)@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

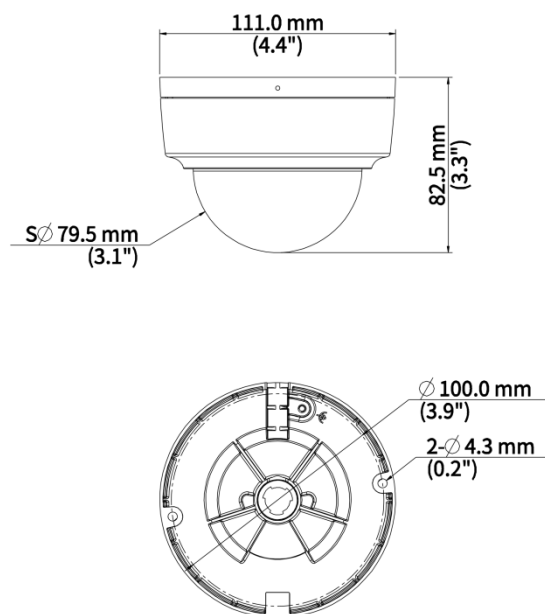
## Specifications

| Model                              | IPC328SB-ADF28KM-DL-I1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     | IPC328SB-ADF40KM-DL-I1 |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|
| Camera                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                        |
| Max Resolution                     | 8 MP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |                        |
| Sensor                             | 1/2.7" 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                        |
| Lens                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                        |
| Focal Length                       | 2.8 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.0 mm              |                        |
| Iris                               | F1.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |                        |
| Field of View (H)                  | 108.6°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 89.2°               |                        |
| Field of View (V)                  | 61.1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 48.1°               |                        |
| Field of View (D)                  | 125.7°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 106.1°              |                        |
| Lens Type                          | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |                        |
| Iris Type                          | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |                        |
| DORI                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                        |
| DORI Distance (Lens)               | 2.8 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4.0 mm              |                        |
| DORI Distance (Detect)             | 84.0 m (275.6 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 120.0 m (393.7 ft.) |                        |
| DORI Distance (Observe)            | 33.6 m (110.2 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 48.0 m (157. 5 ft.) |                        |
| DORI Distance (Recognize)          | 16.8 m (55.1 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 24.0 m (78.7 ft.)   |                        |
| DORI Distance (Identify)           | 8.4 m (27.6 ft.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12.0 m (39.4 ft.)   |                        |
| Illuminator                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                        |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |                        |
| Video                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                        |
| Video Compression                  | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                        |
| H.264 Code Profile                 | Baseline profile, Main profile, High profile                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                        |
| Frame Rate                         | Main Stream: 8 MP (3840 × 2160), max. 25 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps;720P (1280 × 720), max. 30 fps;<br>Sub Stream: 1080P (1920 × 1080), max. 30 fps; 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |                        |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. 6.5 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

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

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

# Unlimited New View

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