

# 4MP HD Intelligent Light and Audible Warning Fixed Bullet Network Camera

IPC2124SB-ADF28(40)KMC-I0



4 MP

Active deterrence

WDR

Ultra motion detection

Intrusion detection

Lighthunter

Edge storage

IP67

## Features

- High quality image with 4 MP, 1/2.7" 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
- Supports sound and light alarm linkage. When smart intrusion prevention is triggered, the camera links sound alarm and light linkage
- 120 dB true WDR technology enables clear image in strong light scene
- Supports 9:16 corridor mode
- Built-in mic and speaker
- Smart IR, up to 30 m (98.4 ft) IR distance
- MicroSD, up to 512 GB
- IP67 protection
- Supports PoE power supply

## Specifications

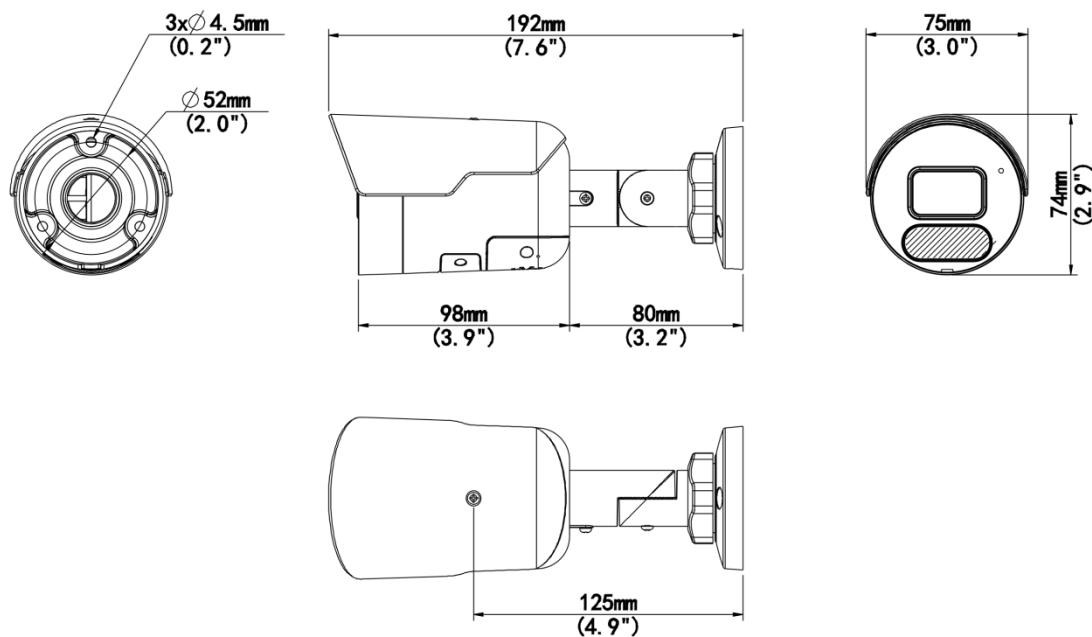
|        |                       |                       |
|--------|-----------------------|-----------------------|
| Model  | IPC2124SB-ADF28KMC-I0 | IPC2124SB-ADF40KMC-I0 |
| Camera |                       |                       |

|                                    |                                                                                                                                                                                                                                                                                                                                                                                    |                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Max Resolution                     | 4 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 ~ 1/100000s                                                                                                                                                                                                                                                                                                                                                         |                    |
| Adjustment Angle                   | Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° 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)                  | 101.1°                                                                                                                                                                                                                                                                                                                                                                             | 83.7°              |
| Field of View (V)                  | 55.3°                                                                                                                                                                                                                                                                                                                                                                              | 44.9°              |
| Field of View (D)                  | 111.1°                                                                                                                                                                                                                                                                                                                                                                             | 89.2°              |
| Lens Type                          | Fixed                                                                                                                                                                                                                                                                                                                                                                              |                    |
| 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                 | Dual light                                                                                                                                                                                                                                                                                                                                                                         |                    |
| Illumination Distance (IR)         | 30 m (98.4 ft.)                                                                                                                                                                                                                                                                                                                                                                    |                    |
| Illumination Distance (Warm Light) | 30 m (98.4 ft.)                                                                                                                                                                                                                                                                                                                                                                    |                    |
| Light On/Off Control               | Auto/Manual                                                                                                                                                                                                                                                                                                                                                                        |                    |
| Wavelength                         | 850 nm                                                                                                                                                                                                                                                                                                                                                                             |                    |
| 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. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 3 MP (2304 × 1296), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; Sub Stream: 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 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                                                                                                                                                                                                                                                                                                                                                                     |                    |
| 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                                                                                                                                                                                              |
| <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)                       |
| Statistical Analysis       | N/A                                                                                                                                                                                                        |
| People Counting            | Support people flow counting and crowd density monitoring                                                                                                                                                  |
| <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                                                                              |
| <b>Audio</b>               |                                                                                                                                                                                                            |
| Audio Compression          | G.711U, G.711A                                                                                                                                                                                             |
| Audio Bitrate              | 64 Kbps                                                                                                                                                                                                    |
| Two-way Audio              | Support                                                                                                                                                                                                    |
| 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, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP, PPPoE                                                             |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T, Profile M), 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+                                                                           |
| <b>Interface</b>           |                                                                                                                                                                                                            |
| Audio I/O                  | N/A                                                                                                                                                                                                        |
| Alarm I/O                  | N/A                                                                                                                                                                                                        |
| Serial Port                | N/A                                                                                                                                                                                                        |
| Built-in Mic               | Support                                                                                                                                                                                                    |
| Built-in Speaker           | Support                                                                                                                                                                                                    |

|                     |                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)FCC (FCC 47 CFR part15 B)                                                                                                                                                                                |
| 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)                                                                                                                                                                                                                                                    |
| General             |                                                                                                                                                                                                                                                                     |
| Power               | DC 12 V±25%, PoE (IEEE 802.3af)                                                                                                                                                                                                                                     |
| Power Consumption   | Max. 11.5 W                                                                                                                                                                                                                                                         |
| Power Interface     | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                          |
| Dimensions          | 191 mm × 75 mm × 74 mm (7.5" × 2.9" × 2.9") (L × W × H)                                                                                                                                                                                                             |
| Weight              | 0.50 kg (1.10 lb.)                                                                                                                                                                                                                                                  |
| Material            | Metal                                                                                                                                                                                                                                                               |
| 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 | 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

### TR-JB05-B-IN

Small Bullet Junction Box(Elegant White)



### TR-UC08-C

Bullet&Dome Corner Mounting Bracket



### TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction  
Box Only



### TR-A01-IN

NPT 3/4" Waterproof Cable Gland



# Unlimited New View

**Zhejiang Uniview Technologies Co., Ltd.**



<http://www.uniview.com>



[overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)



No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China  
(Zhejiang) Pilot Free Trade Zone, China



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