# 8MP HD Intelligent Light and Audible Warning Fixed Bullet Network Camera

IPC2128SB-ADF28(40)KMC-I1



| 4K | Wise-ISP | Smart intrusion prevention | Face capture | ColorHunter | Built-in Mic | Edge storage | IP67 |
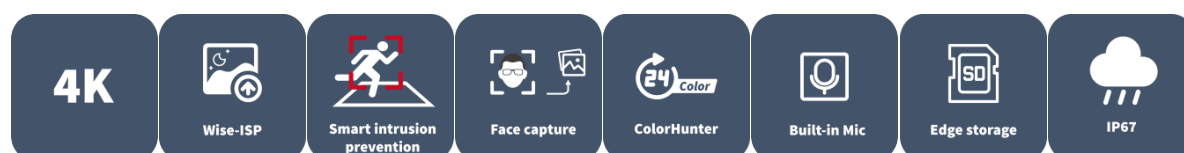
## Features

● High quality image with 8MP, 1/2.7" CMOS sensor

● 8MP (3840 × 2160)@30/25 (default) fps; 5MP (3072 × 1728)@30/25 fps; 4MP (2560 × 1440)@30/25 fps; 2MP (1920 × 1080)@30/25 fps

● Ultra 265, H.265, H.264, MJPEG

● Colorhunter with Wise ISP technology ensures 24 hour full color images

● Intelligent perimeter protection, include 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 lighting, accurately focusing on humans, vehicles, and non-motorized vehicles

● Intelligent People Flow Counting and Crowd Density Monitoring

● 130dB true WDR technology enables clear image in strong light scene

● Support 9:16 Corridor Mode

● Built in Mic and Speaker

● Smart IR, up to 40m (131 ft) IR distance

● Supports 512 G Micro SD card

● IP67 protection

## Specifications

| Model | IPC2128SB-ADF28KMC-I1 | IPC2128SB-ADF40KMC-I1 |
| --- | --- | --- |

## Camera

| | |
|---|---|
| Max Resolution | 8 MP |
| Sensor | 1/2.7" CMOS |
| Min. Illumination | Colour: 0.003 lux (F1.4, AGC ON)<br>0 Lux with light |
| Day/Night | IR-cut filter with auto switch (ICR) |
| Shutter | Auto/Manual, 1 to 1/100000 s |
| Adjustment Angle | Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360° |
| S/N | > 56 dB |
| WDR | 130 dB |

## Lens

| | | |
|---|---|---|
| Focal Length | 2.8 mm | 4.0 mm |
| Iris Type | Fixed | |
| Iris | F1.4 | |
| Field of View (H) | 98.7° | 87.1° |
| Field of View (V) | 53.6° | 50.1° |
| Field of View (D) | 113.4° | 100.2° |
| Lens Type | Fixed | |

## DORI

| | | |
|---|---|---|
| DORI Distance (Lens) | 2.8 mm | 4.0 mm |
| DORI Distance (Detect) | 84.0m (275.6ft) | 120.0m (393.7ft) |
| DORI Distance (Observe) | 33.6m (110.2ft) | 48.0m (157.5ft) |
| DORI Distance (Recognize) | 16.8m (55.1ft) | 24.0m (78.7ft) |
| DORI Distance (Identify) | 8.4m (27.6ft) | 12.0m (39.4ft) |

## Illuminator

| | |
|---|---|
| Supplemental Light | Dual light |
| Illumination Distance (IR) | 40 m (131.2 ft) |
| Illumination Distance (Warm Light) | 40 m (131.2 ft) |
| IR On/Off Control | Auto/Manual |
| 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: 8MP (3840*2160), Max 30fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; <br> Sub Stream: 1080P (1920*1080), Max 30fps; ; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; <br> Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; |
| 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 |
| **Intelligent** | |
| 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 |
| **Events** | |
| 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 |
| **Audio** | |
| Audio Compression | G.711U, G.711A |
| Audio Bitrate | 64 Kbps |
| Two-way Audio | Support |
| Suppression | Support |
| Sampling Rate | 8 kHz |
| **Storage** | |
| Edge Storage | Micro SD, up to 512 GB |
| Network Storage | ANR, NAS (NFS) |

## Network

| | |
|---|---|
| Protocols | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, 802.1x, SNMP, QoS, SSL/TLS, SSH, HTTPS, SMTP |
| 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 |
| Client | UNV-Link, UNV-Link Pro, EZStation |
| Web Browser | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+ |

## Interface

| | |
|---|---|
| Audio I/O | N/A |
| Alarm I/O | N/A |
| Serial Port | N/A |
| Built-in Mic | Support |
| Built-in Speaker | 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 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) |

## General

| | |
|---|---|
| Power | DC 12V±25%, PoE (IEEE 802.3af) |
| Power Consumption | Max 11.0 W |
| Power Interface | Ø5.5 mm coaxial power plug |
| Dimensions | 192 × 75 × 74 mm (7.6" × 3.0" × 2.9" ) (L × W × H) |
| Weight | 0.42 kg (0.92 lb) |
| Material | Metal + Plastic |
| Working Environment | -30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing) |
| Storage Environment | -30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), 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
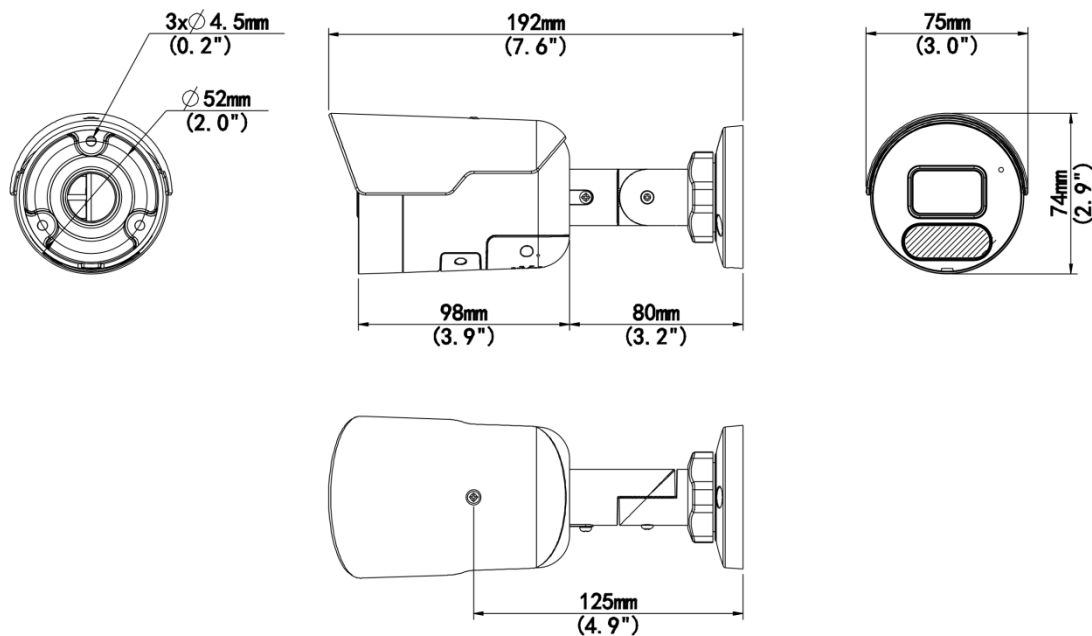


# Accessories

**TR-JB05-B-IN**

Small Bullet Junction Box(Elegant White)

**TR-UP06-C-IN**

Pole Mounting Bracket for Bullet Junction Box Only

**TR-UC08-C**

Bullet&Dome Corner Mounting Bracket



**TR-A01-IN**

NPT 3/4'' Waterproof Cable Gland