

# 2 × 2 MP Dual-channel Non-Splicing Multiview Series IR Fixed Intelligent Network Camera

## IPC3222SS-ADF28K-I1



## Features

- High quality image with 2 × 1080P resolution, 1/2.8" CMOS sensor
- Single IP with dual channels
- 1080P (1920 × 1080)@30/25 fps; 720P (1280 × 720)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Both channels support intelligent perimeter protection, 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
- Intelligent people flow counting and crowd density monitoring (only channel 1)
- 130 dB true WDR technology enables clear image in strong light scene
- Built-in dual-mic
- MicroSD, up to 512 GB
- DC 12 V, PoE (IEEE 802.3af) power supply
- IP67 protection and IK10 vandal resistant
- 3-axis

## Specifications

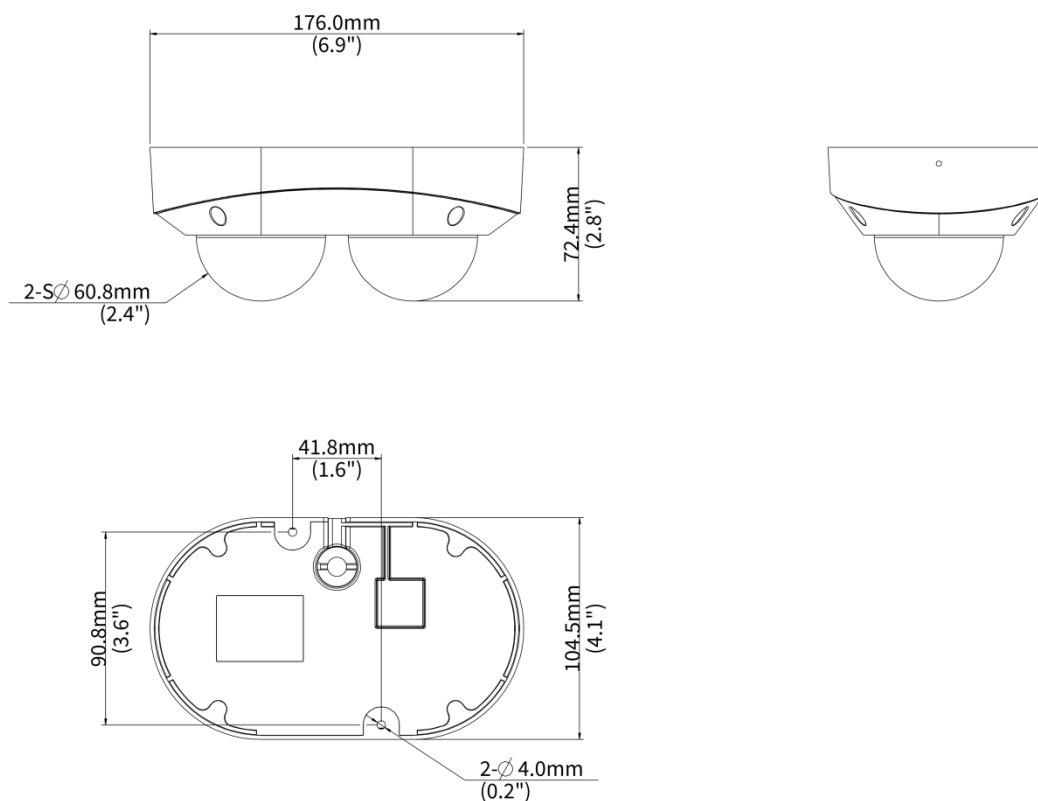
| Channel        | Channel 1 | Channel 2 |
|----------------|-----------|-----------|
| Camera         |           |           |
| Max Resolution | 2 MP      |           |

|                            |                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensor                     | 1/2.8" CMOS                                                                                                                                                                                                                                                                                                                                                                          |
| Min. Illumination          | Color: 0.003 Lux (F1.6, AGC ON), 0 Lux with IR on                                                                                                                                                                                                                                                                                                                                    |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                                                                                                                                                                                                                                                                                 |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                                                                                                                                                                                           |
| Adjustment Angle           | Pan: 0° to 180°, Tilt: 0° to 66°, Rotate: 0° to 346°                                                                                                                                                                                                                                                                                                                                 |
| S/N                        | >52 dB                                                                                                                                                                                                                                                                                                                                                                               |
| WDR                        | 130 dB                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Lens</b>                |                                                                                                                                                                                                                                                                                                                                                                                      |
| Focal Length               | 2.8 mm                                                                                                                                                                                                                                                                                                                                                                               |
| Iris Type                  | Fixed                                                                                                                                                                                                                                                                                                                                                                                |
| Iris                       | F1.6                                                                                                                                                                                                                                                                                                                                                                                 |
| Field of View (H)          | 100.2°                                                                                                                                                                                                                                                                                                                                                                               |
| Field of View (V)          | 54.5°                                                                                                                                                                                                                                                                                                                                                                                |
| Field of View (D)          | 104.92°                                                                                                                                                                                                                                                                                                                                                                              |
| Lens Type                  | Fixed                                                                                                                                                                                                                                                                                                                                                                                |
| <b>DORI</b>                |                                                                                                                                                                                                                                                                                                                                                                                      |
| DORI Distance (Lens)       | 2.8 mm                                                                                                                                                                                                                                                                                                                                                                               |
| DORI Distance (Detect)     | 43.4 m (142.4 ft.)                                                                                                                                                                                                                                                                                                                                                                   |
| DORI Distance (Observe)    | 17.4 m (57.1 ft.)                                                                                                                                                                                                                                                                                                                                                                    |
| DORI Distance (Recognize)  | 8.7 m (28.5 ft.)                                                                                                                                                                                                                                                                                                                                                                     |
| DORI Distance (Identify)   | 4.3 m (14.1 ft.)                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Illuminator</b>         |                                                                                                                                                                                                                                                                                                                                                                                      |
| Supplemental Light         | IR                                                                                                                                                                                                                                                                                                                                                                                   |
| Illumination Distance (IR) | 30 m (98.4 ft.)                                                                                                                                                                                                                                                                                                                                                                      |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                                                                                                                                                                                                                          |
| Wavelength                 | 850 nm                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Video</b>               |                                                                                                                                                                                                                                                                                                                                                                                      |
| Video Compression          | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                                                                                                                                                                                       |
| H.264 Code Profile         | Baseline profile, Main profile, High profile                                                                                                                                                                                                                                                                                                                                         |
| Frame Rate                 | Main Stream: 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps<br>Sub Stream: 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps;<br>2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps; Third Stream: D1 (720 × 576), max. 30<br>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                                                                                                                                                                                                                                                                                                                                 |
| 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                                                                                                                                                                                              |
| Image Stabilization        | N/A                                                                                                                                                                                                        |
| <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                                                                                                                                                                                                        |
| <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                                                                                                                                                                                             |
| 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, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH                                                   |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T),<br>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                  | 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               | Built-in dual-mic                                                                                                                                                                                          |
| Built-in Speaker           | N/A                                                                                                                                                                                                        |
| 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)<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)                                                                                                                                                                                                                                |
| General             |                                                                                                                                                                                                                                                                     |
| Power               | DC 12 V±25%, PoE (IEEE 802.3af)                                                                                                                                                                                                                                     |
| Power Consumption   | Max. 8.2 W                                                                                                                                                                                                                                                          |
| Power Interface     | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                          |
| Dimensions          | 176 mm × 104 mm × 72 mm (6.9" × 4.1" × 2.8") (L × W × H)                                                                                                                                                                                                            |
| Weight              | 0.62 kg (1.37 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-JB08

Junction Box for 322x Dual-lens Dome



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