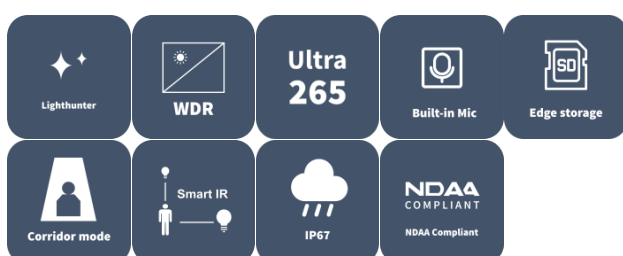


## 5MP WDR LightHunter IR Network Bullet Camera IPC2225SB-ADF28KM-I1



## Features

- High quality image with 5 MP, 1/2.7" CMOS sensor
- 2880 × 1620@30 fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, supports cross line and intrusion based on human body and vehicle detection
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Supports 9:16 corridor mode
- Up to 120 dB optical WDR (wide dynamic range)
- Supports smart IR, up to 80 m (262.5 ft.) IR range
- DC 12 V, PoE (IEEE 802.3af) power supply
- Alarm I/O: 1/1, audio I/O: 1/1
- Built-in mic
- IP67, IK10

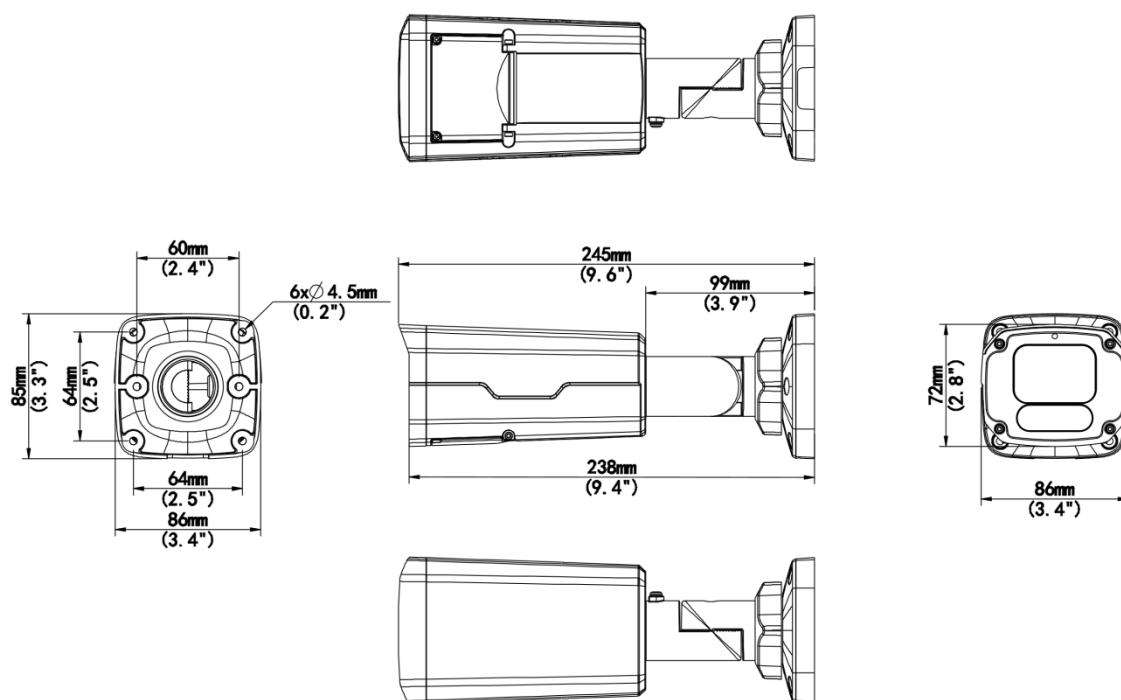
## Specifications

| Model                      | IPC2225SB-ADF28KM-I1                                                          |
|----------------------------|-------------------------------------------------------------------------------|
| Camera                     |                                                                               |
| Sensor                     | 1/2.7" CMOS                                                                   |
| Min. Illumination          | Color: 0.003 Lux (F1.6, AGC ON), 0 Lux with IR                                |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                          |
| Shutter                    | Auto/Manual, 1 to 1/100000 s                                                  |
| WDR                        | 120 dB                                                                        |
| Adjustment Angle           | Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°                          |
| S/N                        | >56 dB                                                                        |
| Lens                       |                                                                               |
| Focal Length               | 2.8 mm                                                                        |
| Iris                       | F1.6                                                                          |
| Field of View (H)          | 108.5°                                                                        |
| Field of View (V)          | 57.9°                                                                         |
| Field of View (D)          | 141.1°                                                                        |
| Iris Type                  | Fixed                                                                         |
| DORI                       |                                                                               |
| DORI Distance (Lens)       | 2.8 mm                                                                        |
| DORI Distance (Detect)     | 63.0 m (206.7 ft.)                                                            |
| DORI Distance (Observe)    | 25.2 m (82.7 ft.)                                                             |
| DORI Distance (Recognize)  | 12.6 m (41.3 ft.)                                                             |
| DORI Distance (Identify)   | 6.3 m (20.7 ft.)                                                              |
| Illuminator                |                                                                               |
| Illumination Distance (IR) | 80 m (262.5 ft.)                                                              |
| IR On/Off Control          | Auto/Manual                                                                   |
| Wavelength                 | 850 nm                                                                        |
| Video                      |                                                                               |
| Privacy Mask               | Up to 4 areas per scene                                                       |
| Frame Rate-Main Stream     | 5 MP (2880 × 1620), max. 30 fps                                               |
| Frame Rate-Sub Stream      | 720P (1280 × 720), max. 30 fps                                                |
| Video Compression          | Ultra 265, H.265, H.264, MJPEG                                                |
| Video Bit Rate             | 128 Kbps to 16 Mbps                                                           |
| ROI                        | Support                                                                       |
| Video Stream               | Dual streams                                                                  |
| OSD                        | Up to 4 OSDs                                                                  |
| Image                      |                                                                               |
| Defog                      | Digital defog                                                                 |
| 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 |

|                            |                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HLC                        | Support                                                                                                                                                                                                             |
| BLC                        | Support                                                                                                                                                                                                             |
| Heatwave Reduction         | N/A                                                                                                                                                                                                                 |
| <b>Intelligent</b>         |                                                                                                                                                                                                                     |
| Smart Intrusion Prevention | Cross line detection, intrusion detection (support false alarm filtering and the classification of human and vehicle)                                                                                               |
| <b>Events</b>              |                                                                                                                                                                                                                     |
| Basic Detection            | Motion detection, Ultra motion detection (based on human body and vehicle 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              | 128 Kbps                                                                                                                                                                                                            |
| Two-way Audio              | Support                                                                                                                                                                                                             |
| Suppression                | Support                                                                                                                                                                                                             |
| Sampling Rate              | 16KHZ                                                                                                                                                                                                               |
| <b>Storage</b>             |                                                                                                                                                                                                                     |
| Edge Storage               | MicroSD, up to 512 GB                                                                                                                                                                                               |
| Network Storage            | ANR, NAS (NFS)                                                                                                                                                                                                      |
| <b>Network</b>             |                                                                                                                                                                                                                     |
| Protocols                  | SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS                                                            |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T, Profile M), SDK, API                                                                                                                                                        |
| User/Host                  | Up to 32 users. 3 user levels: administrator, common user and operator                                                                                                                                              |
| Security                   | TLS 1.3, 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                     | EZStation, UNV-Link, UNV-Link Pro                                                                                                                                                                                   |
| 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 1 k $\Omega$ , amplitude 2.5 V [p-p], 1 Output: impedance 600 $\Omega$ , amplitude 2.5 V [p-p]                                                                                                   |
| Alarm I/O                  | 1/1                                                                                                                                                                                                                 |
| Built-in Mic               | Support                                                                                                                                                                                                             |
| Network                    | 1 $\times$ RJ45 10 M/100 M Base-TX Ethernet                                                                                                                                                                         |
| <b>Certification</b>       |                                                                                                                                                                                                                     |
| EMC                        | CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020)<br>FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)                                                |
| Safety                     | CE LVD (EN 62368-1:2014+A11:2017)<br>UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)                                                                                                                               |
| Environment                | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)                                                                                                                          |

|                     |                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protection          | IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013)<br>IK10 (IEC 62262:2002)                                                                                                                                                                                                                  |
| General             |                                                                                                                                                                                                                                                                                     |
| Power               | DC 12 V ( $\pm 25\%$ ), PoE (IEEE 802.3af)                                                                                                                                                                                                                                          |
| Power Consumption   | Max. 8 W                                                                                                                                                                                                                                                                            |
| Power Interface     | $\varnothing 5.5$ mm coaxial power plug                                                                                                                                                                                                                                             |
| Dimensions          | 245 mm $\times$ 87 mm $\times$ 86 mm (9.6" $\times$ 3.4" $\times$ 3.4") (L $\times$ W $\times$ H)                                                                                                                                                                                   |
| Weight              | 0.82 kg (1.81 lb.)                                                                                                                                                                                                                                                                  |
| Working Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: 5%~95% RH (non-condensing)                                                                                                                                                                                                                  |
| Storage Environment | -40°C ~ 70°C (-40°F ~ 158°F), Humidity: 5%~95% RH (non-condensing)                                                                                                                                                                                                                  |
| Web Client Language | 22 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, Arabic, Slovak |
| Configurable        |                                                                                                                                                                                                                                                                                     |
| P/N                 | Support                                                                                                                                                                                                                                                                             |

## Dimensions



## Accessories

### TR-JB07-D-IN

Bullet Junction Box(Support wiring from behind)



### TR-JB06-A-IN

Middle Bullet Junction Box(Elegant White)



### TR-UP06-B-IN

Bullet Pole Mounting Bracket



### TR-A01-IN

NPT 3/4" Waterproof Cable Gland



### TR-UP06-C-IN-V2

Pole Mounting Bracket for Bullet Junction Box Only



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