

# 8MP HD Intelligent ColorHunter Fixed Eyeball Network Camera IPC3618SE-ADF28(40)KM-WL-I0



## Features

- High quality image with 8 MP, 1/2.8" CMOS sensor
- 8 MP (3840 × 2160)@20 fps; 5 MP (3072 × 1728)@30/25 fps; 4 MP (2560 × 1440)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, supports false alarm filtering, including cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduces false alarm caused by leaves, birds and lights, accurately focusing on human, motor vehicle and non-motor vehicle
- automatic selection of best snapshots, supports face detection masked area
- People counting, supports people flow counting and crowd density monitoring, suitable for different statistical scenarios
- 120 dB true WDR technology enables clear image in strong light scene
- Supports 9:16 corridor mode
- Built-in mic
- Smart illuminator, up to 30 m (98.4 ft) white light range
- MicroSD, up to 512 GB
- IP67 protection

## Specifications

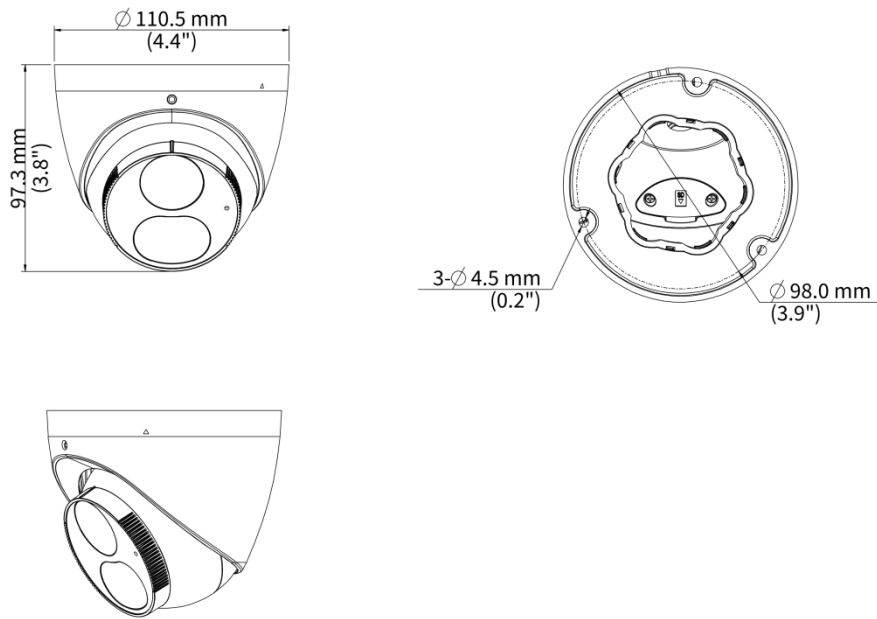
| Model                              | IPC3618SE-ADF28KM-WL-I0   | IPC3618SE-ADF40KM-WL-I0 |
|------------------------------------|---|-------------------------|
| <b>Camera</b>                      |   |                         |
| Max Resolution                     | 8 MP  |                         |
| Sensor                             | 1/2.8" CMOS   |                         |
| Min. Illumination                  | Color: 0.0005 Lux (F1.0, AGC ON)  |                         |
| Shutter                            | Auto/Manual, 1 to 1/100000 s  |                         |
| Adjustment Angle                   | Pan: 3° to 360°, Tilt: 0° to 80°, Rotate: 3° to 360°  |                         |
| S/N                                | >56 dB  |                         |
| WDR                                | 120 dB  |                         |
| <b>Lens</b>                        |   |                         |
| Focal Length                       | 2.8 mm  | 4.0 mm                  |
| Iris Type                          | Fixed   |                         |
| Iris                               | F1.0  |                         |
| Field of View (H)                  | 106.7°  | 87.5°                   |
| Field of View (V)                  | 57.1°   | 46.3°                   |
| Field of View (D)                  | 115.7°  | 92.4°                   |
| Lens Type                          | Fixed   |                         |
| <b>DORI</b>                        |   |                         |
| DORI Distance (Lens)               | 2.8 mm  | 4 mm                    |
| DORI Distance (Detect)             | 86.9 m (285.1 ft.)  | 124.1 m (407.2 ft.)     |
| DORI Distance (Observe)            | 34.8 m (114.2 ft.)  | 49.7 m (163.1 ft.)      |
| DORI Distance (Recognize)          | 17.4 m (57.1 ft.)   | 24.8 m (81.4 ft.)       |
| DORI Distance (Identify)           | 8.7 m (28.5 ft.)  | 12.4 m (40.7 ft.)       |
| <b>Illuminator</b>                 |   |                         |
| Supplemental Light                 | Warm light  |                         |
| Illumination Distance (Warm Light) | 30 m (98.4 ft.)   |                         |
| Light On/Off Control               | Auto/Manual   |                         |
| <b>Video</b>                       |   |                         |
| Video Compression                  | Ultra 265, H.265, H.264, MJPEG  |                         |
| Frame Rate-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                    |                         |
| H.264 Code Profile                 | Baseline profile, Main profile, High profile  |                         |
| 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  |                         |
| Frame Rate-Main Stream             | 8 MP (3840 × 2160), max. 20 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps |                         |

|                            |  |
|----------------------------|--|
| Frame Rate-Sub Stream      | 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps                         |
| <b>Image</b>               |  |
| Smart Illumination         | Support  |
| White Balance              | Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2   |
| Digital Noise Reduction    | 2D/3D DNR  |
| Flip                       | Normal, Flip Vertical, Flip Horizontal, 180°, 90°Clockwise, 90°Anti-clockwise  |
| Dewarping                  | Support  |
| HLC                        | Support  |
| BLC                        | Support  |
| Defog                      | Digital defog  |
| <b>Intelligent</b>         |  |
| Smart Intrusion Prevention | Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)                       |
| Statistical Analysis       | N/A  |
| People Counting            | Support people flow counting and crowd density detection   |
| <b>Events</b>              |  |
| Basic Detection            | Motion detection, Ultra motion detection, Tampering alarm, Audio detection   |
| General Function           | Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication  |
| <b>Audio</b>               |  |
| Audio Compression          | G.711U, G.711A, AAC-LC   |
| Audio Bitrate              | G.711U/G.711A: 64 kbps, AAC-LC: 128 kbps   |
| Two-way Audio              | N/A  |
| Suppression                | Support  |
| Sampling Rate              | G.711U/G.711A: 8 kHz, AAC-LC: 8 kHz, 16 kHz, 48 kHz  |
| <b>Storage</b>             |  |
| Edge Storage               | MicroSD, up to 512 GB  |
| Network Storage            | ANR, NAS (NFS)   |
| <b>Network</b>             |  |
| Protocols                  | 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, Profile M), API, SDK   |
| User/Host                  | Up to 32 users, 2 user levels: administrator and common user   |
| Security                   | Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF |
| Client                     | EZStation, APP   |
| Web Browser                | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+   |
| <b>Interface</b>           |  |
| Audio I/O                  | N/A  |
| Alarm I/O                  | N/A  |







|                      |   |
|----------------------|---|
| Serial Port          | N/A   |
| Built-in Mic         | Support   |
| Built-in Speaker     | N/A   |
| WIFI                 | N/A   |
| Network              | 1 × RJ45 10 M/100 M Base-TX Ethernet  |
| Video Output         | N/A   |
| <b>Certification</b> |   |
| EMC                  | CE-EMC (EN 55032: 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>CB (IEC 62368-1:2014)<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)   |
| <b>General</b>       |   |
| Power                | DC 12 V±25%, PoE (IEEE 802.3af)   |
| Power Consumption    | Max. 8.0 W  |
| Power Interface      | Ø5.5 mm coaxial power plug  |
| Dimensions           | Ø111 mm × 95 mm (Ø4.4" × 3.7") (Ø × H)  |
| Weight               | 0.44 kg (0.97 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         | N/A   |
| 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

Aggregate product size diagram using IPC3618SE-ADF28KM-WL-I0 as an example



## Accessories

|   |   |   |
|---|---|---|
| <p><b>TR-JB03-G-IN</b><br/>Junction Box for Mini Fix-dome(Support wiring from behind)</p> | <p><b>TR-A01-IN</b><br/>NPT 3/4" Waterproof Cable Gland</p>                         | <p><b>TR-SE24-IN</b><br/>Dome Pendent Mounting Pole 200mm</p>   |
|        |  |    |
| <p><b>TR-SE24-A-IN</b><br/>Dome Pendent Mounting Pole 500mm</p>                           | <p><b>TR-CM24-IN</b><br/>Dome Pendent Mounting Bracket(Indoor)</p>                  | <p><b>TR-JB07/WM03-G-IN-V2</b><br/>Wall Mounting Assembling Bracket For 32 Fix-dome&amp;Mini Fix-dome&amp;Plastic Turret Camera</p> |
|        |  |    |

| <b>TR-WM03-D-IN-V2</b><br>Wall Mounting Bracket for 32<br>Fix-dome&Mini Fix-dome&Plastic Turret<br>Camera | <b>TR-UC08-C-V2</b><br>Bullet&Dome Corner Mounting Bracket                        | <b>TR-UP06-C-IN-V2</b><br>Pole Mounting Bracket for Bullet Junction<br>Box Only     |
|---|---|---|
|                          |  |  |

# Unlimited New View

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