

# 4K HD Intelligent ColorHunter Fixed Eyeball Network Camera

IPC3638SE-ADF28(40)K-WL-I0



## Features

- High quality image with 8MP, 1/1.8" CMOS sensor
- 8MP (3840 × 2160)@30 (Intelligent off)/25 fps; 5.3MP (3072 × 1728)@30/25 fps; 3.6MP (2560 × 1440) @30/25 fps; 2MP (1920 × 1080) @30/25 fps; 720P (1280 × 720), Max 30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- Intelligent People Flow Counting and Crowd Density Monitoring
- Colorhunter technology ensures 24-hour full-color images
- F1.0 Super aperture
- 120 dB true WDR technology enables clear image in strong light scene
- Support 9:16 corridor Mode
- Alarm: 1 in/1 out, Audio: 1 in/1 out
- Supports up to 512 GB Micro SD Card
- IK10 vandal resistant and IP67 protection

## Specifications

|                                    |                                                                                                                                                                  |                   |                        |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------|
| Model                              | IPC3638SE-ADF28K-WL-I0                                                                                                                                           |                   | IPC3638SE-ADF40K-WL-I0 |
| Camera                             |                                                                                                                                                                  |                   |                        |
| Max Resolution                     | 8 MP                                                                                                                                                             |                   |                        |
| Sensor                             | 1/1.8" CMOS                                                                                                                                                      |                   |                        |
| Min. Illumination                  | Colour: 0.0005 lux (F1.0, AGC ON)                                                                                                                                |                   |                        |
| Shutter                            | Auto/Manual, 1 to 1/100000 s                                                                                                                                     |                   |                        |
| Adjustment Angle                   | Pan: 0° to 360°, Tilt: 0° to 72°, Rotate: 0° to 360°                                                                                                             |                   |                        |
| S/N                                | >56 dB                                                                                                                                                           |                   |                        |
| WDR                                | 120 dB                                                                                                                                                           |                   |                        |
| Lens                               |                                                                                                                                                                  |                   |                        |
| Focal Length                       | 2.8 mm                                                                                                                                                           | 4.0 mm            |                        |
| Iris Type                          | Fixed                                                                                                                                                            |                   |                        |
| Iris                               | F1.0                                                                                                                                                             |                   |                        |
| Field of View (H)                  | 113.5°                                                                                                                                                           | 94.3°             |                        |
| Field of View (V)                  | 68.3°                                                                                                                                                            | 49.7°             |                        |
| Field of View (D)                  | 133.0°                                                                                                                                                           | 115.9°            |                        |
| Lens Type                          | Fixed                                                                                                                                                            |                   |                        |
| DORI                               |                                                                                                                                                                  |                   |                        |
| DORI Distance (Lens)               | 2.8 mm                                                                                                                                                           | 4.0 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                 | Warm light                                                                                                                                                       |                   |                        |
| Illumination Distance (Warm Light) | 30 m (98.4 ft)                                                                                                                                                   |                   |                        |
| Light On/Off Control               | Auto/Manual                                                                                                                                                      |                   |                        |
| Video                              |                                                                                                                                                                  |                   |                        |
| Video Compression                  | Ultra 265, H.265, H.264, MJPEG                                                                                                                                   |                   |                        |
| Frame Rate-Main Stream             | 8MP (3840 × 2160), Max 30 fps; 5.3MP (3072 × 1728), Max 30 fps; 3.6MP (2560 × 1440), Max 30 fps; 1080P (1920 × 1080), Max 30 fps; 720P (1280 × 720), Max 30 fps; |                   |                        |

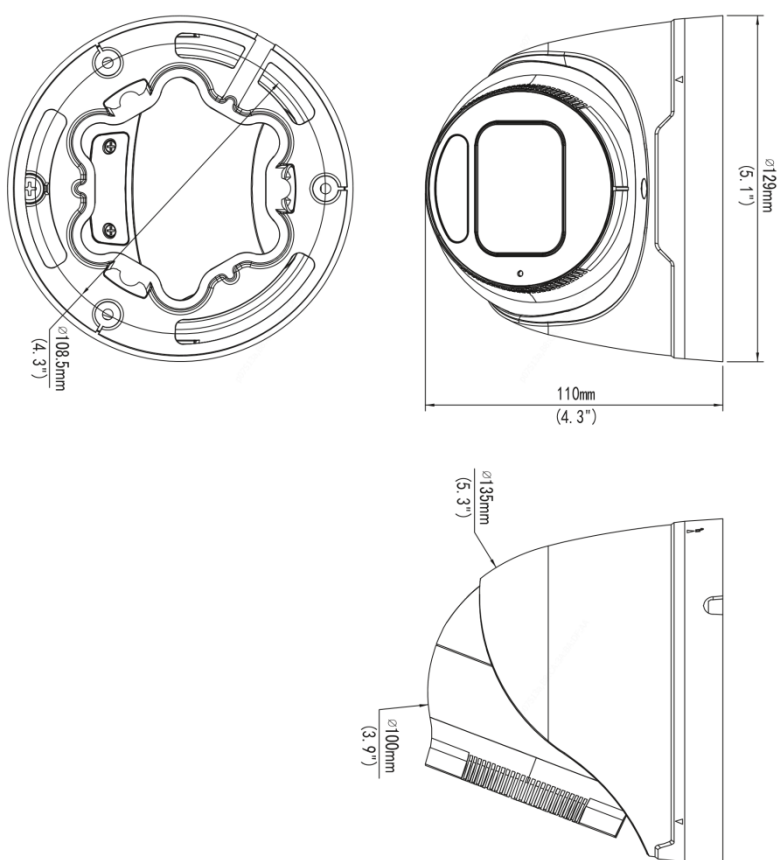
|                            |                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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;        |
| 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                                                                                                                                                                       |
| <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                  | 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               | Micro SD, 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                 | 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 k $\Omega$ , amplitude 2 V [p-p], 1 Output: impedance 600 $\Omega$ , amplitude 2 V [p-p]                                                                                             |
| Alarm I/O              | 1/1                                                                                                                                                                                                        |
| Serial Port            | N/A                                                                                                                                                                                                        |
| Built-in Mic           | Support                                                                                                                                                                                                    |
| Built-in Speaker       | N/A                                                                                                                                                                                                        |
| WIFI                   | N/A                                                                                                                                                                                                        |
| Network                | 1 $\times$ 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)<br>IK10 (IEC 62262:2002)                                                                                                                                         |
| <b>General</b>         |                                                                                                                                                                                                            |
| Power                  | DC 12 V $\pm$ 25%, PoE (IEEE 802.3 af)                                                                                                                                                                     |
| Power Consumption      | Max 11.0 W                                                                                                                                                                                                 |
| Power Interface        | $\varnothing$ 5.5 mm coaxial power plug                                                                                                                                                                    |
| Dimensions             | $\varnothing$ 129 $\times$ 110 mm ( $\varnothing$ 5.1" $\times$ 4.3" ) ( $\varnothing \times H$ )                                                                                                          |
| Weight                 | 0.64 kg (1.41 lb)                                                                                                                                                                                          |
| Material               | Metal                                                                                                                                                                                                      |
| Working Environment    | -30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F), Humidity: $\leq$ 95% RH (non-condensing)                                                                                       |
| Storage Environment    | -30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F), Humidity: $\leq$ 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-JB03-H-IN

Junction Box for Metal Turret  
Camera(Support wiring from behind)



TR-JB07/WM03-F-IN

Wall Mounting Assembling Bracket with  
Back Hole for 3 Inch Hemisphere



TR-WM03-B-IN

Wall Mounting Assembling Bracket for 3  
Inch Hemisphere



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-UP06-IN

Universal Pole Mounting Bracket



TR-UC08-C

Bullet&Dome Corner Mounting Bracket



TR-SE24-IN

Dome Pendant Mounting Pole 200mm



TR-SE24-A-IN

Dome Pendant Mounting Pole 500mm



TR-CM24-IN

Dome Pendant Mounting Bracket(Indoor)



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