# 8MP Lighthunter WDR IR Network Dome Camera

## IPC3738SE-ADZK-I0

Lighthunter | WDR | Smart intrusion prevention | Face capture | People counting | Edge storage | IP67 | IK10
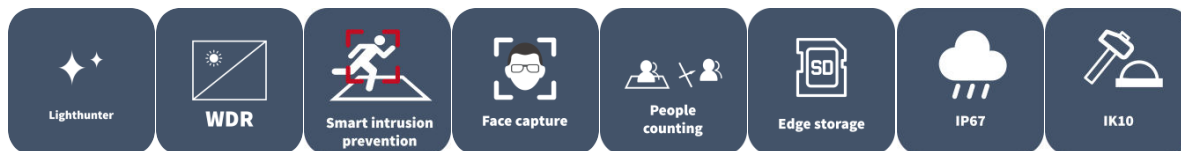
## Features

● High quality image with 8MP,1/1.8'' CMOS sensor

● 3840*2160@30fps in the main stream

● Ultra 265, H.265, H.264, MJPEG

● Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection

● People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios

● LightHunter technology ensures ultra-high image quality in low illumination environment

● Up to 120 dB Optical WDR (Wide Dynamic Range)

● Built-in heater, support normal start-up at low temperature

● DC12V or PoE (IEEE 802.3af) power supply

● Wide voltage range of ±25% in DC

● Audio 1 in and 1 out, Alarm 2 in and 1 out

## Specifications

| Model | IPC3738SE-ADZK-I0 |
|---|---|
| Camera | |
| Sensor | 1/1.8" CMOS |
| Min. Illumination | Colour:0.0008 lux (F1.2, AGC ON)<br>0 lux with IR |

| Day/Night | IR-cut filter with auto switch (ICR) |
|---|---|
| Shutter | Auto/Manual, 1 to 1/100000 s |
| WDR | 120 dB |
| S/N | >56 dB |
| **Lens** | |
| Focal Length | 2.8 to 12 mm |
| Digital Zoom | 16X |
| Optical Zoom | 5X |
| Iris | F1.2 |
| Field of View (H) | 101.1°~48.0° |
| Field of View (V) | 57.2°~23.9° |
| Field of View (D) | 124.3°~59.0° |
| Iris Type | Fixed |
| **DORI** | |
| DORI Distance (Lens) | 2.8~12(mm) |
| DORI Distance (Detect) | 98.6m(323.3ft)~241.0m(790.6ft) |
| DORI Distance (Observe) | 39.4m(129.3ft)~96.4m(316.2ft) |
| DORI Distance (Recognize) | 19.7m(64.7ft)~48.2m(158.1ft) |
| DORI Distance (Identify) | 9.9m(32.3ft)~24.1m(79.1ft) |
| **Video** | |
| Video Compression | Ultra 265, H.265, H.264, MJPEG |
| Frame Rate-Main Stream | 8MP (3840*2160), Max 30fps |
| Frame Rate-Sub Stream | 720P (1280*720), Max 30fps |
| Video Bit Rate | 128 Kbps to 16 Mbps |
| U-code | Support |
| ROI | Support |
| Video Stream | Triple Streams |
| OSD | Up to 10 OSDs |
| Privacy Mask | Up to 4 areas |
| Frame Rate-Third Stream | D1 (720*576), Max 30fps |
| **Events** | |
| Basic Detection | Motion Detection, Tampering Alarm, Audio Detection, Object Removed, Object Left Behind, Scene Change |
| General Function | Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication, Alarm Input, Alarm Output |
| **Intelligent** | |
| Exception Detection | Object Removed, Object Left Behind, Scene Change, Defocus Detection |
| 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) |
| People Counting | Support People Flow Counting and Crowd Density Monitoring |
| Traffic Monitoring | Support capturing car license picture when the car passes tripwire, Up to 4 lanes can be set, Two types of application mode avaliable: High/Low pole |
| **Audio** | |

| Audio Compression | G.711U, G.711A |
|---|---|
| Audio Bitrate | 128 Kbps |
| Two-way Audio | Support |
| Suppression | Support |
| Sampling Rate | 16KHZ |
| **Storage** | |
| Edge Storage | Micro SD, up to 512 GB |
| Network Storage | ANR, NAS (NFS) |
| **Image** | |
| White Balance | Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2 |
| Digital Noise Reduction | 2D/3D DNR |
| Flip | Normal, Flip Vertical, Flip Horizontal, 180° |
| HLC | Support |
| BLC | Support |
| Smart IR | Support |
| Defog | Digital Defog |
| Heatwave Reduction | N/A |
| **Network** | |
| 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), API, SDK |
| 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+ |
| **Interface** | |
| Audio I/O | 1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p] |
| Alarm I/O | 2/1 |
| Built-in Mic | Support |
| Network | 1 × RJ45 10 M/100 M Base-TX Ethernet |
| Video Output | 1 BNC (For debugging) |
| **Illuminator** | |
| Illumination Distance (IR) | 40 m (131.2 ft) |
| IR On/Off Control | Auto/Manual |
| Wavelength | 850 nm |
| **Certification** | |
| 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) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014) |

| Safety | CE LVD (EN 62368-1:2014+A11:2017) |
| --- | --- |
| | 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) |
| | IK10 (IEC 62262:2002) |
| **General** | |
| Power | DC12V(±25%), PoE(IEEE 802.3af) |
| Power Consumption | Max 10W |
| Power Interface | Ø5.5 mm coaxial power plug |
| Dimensions | Ø 162 x 149 mm (Ø 6.4" x 5.9") (Ø x H) |
| Weight | 1.5Kg(3.31lb) |
| Working Environment | -40 ℃ to 60 ℃ (-40 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing) |
| Storage Environment | -40 ℃ to 70 ℃ (-40 ℉ to 158 ℉), Humidity: ≤ 95% RH (non-condensing) |
| Reset Button | Support |
| 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 |
| Heater | Support |

# Dimensions

162mm
(6. 4")

149mm
(5. 9")

S∅ 100mm
(3. 9")

3−∅ 5. 0mm
(0. 2")

∅ 134mm
(5. 3")
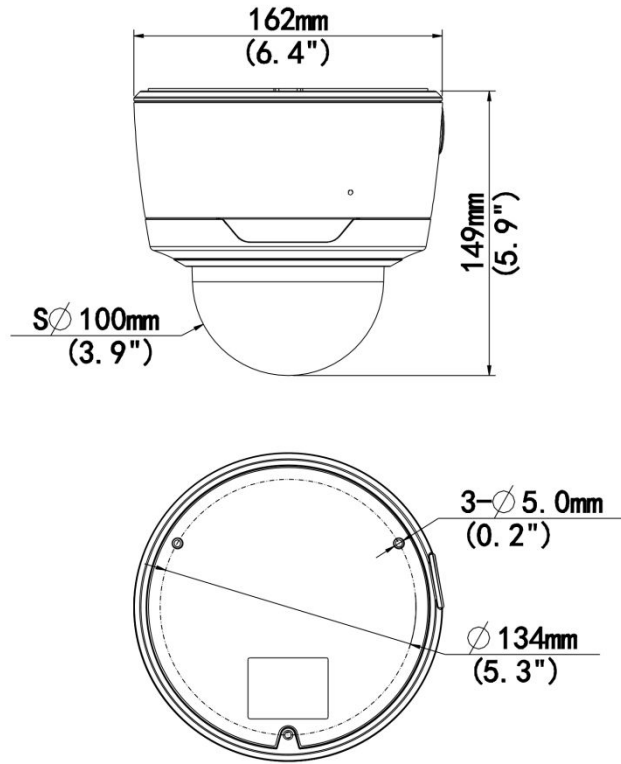
# Accessories

| TR-WM04-IN | TR-UP06-IN | TR-SE24-IN |
|---|---|---|
| 4 Inch Hemisphere Wall Mounting Bracket | Universal Pole Mounting Bracket | Dome Pendent Mounting Pole 200mm |

| TR-SE24-A-IN | TR-CM24-IN |
|---|---|
| Dome Pendent Mounting Pole 500mm | Dome Pendent Mounting Bracket(Indoor) |

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