

## 4 x 5MP MultiView Wise-ISP VF IR Dome Network Camera IPC8645EA-ADZKM-I1



## Features

- One IP with four channels
- Supports multiple intelligent functions, different functions of each channel can be enabled at the same time to satisfy various analysis requirements
- Pan, tilt, rotation angle of each lens can be adjusted independently, suitable for more complicated scenes
- 4 channel video output, 2880 × 1620@30 fps in the main stream of each channel, provides high definition image
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, supports false alarm filtering, realizes accurate detection based on specific targets
- People counting, supports people flow counting and crowd density monitoring, suitable for different statistical scenarios
- Lighthunter technology ensures ultra-high image quality in low illumination environments
- 130 dB true WDR technology ensures clear image in strong backlight scene
- IP67 ingress and IK10 protection
- Wise-ISP technology, comprehensive improvement in image quality

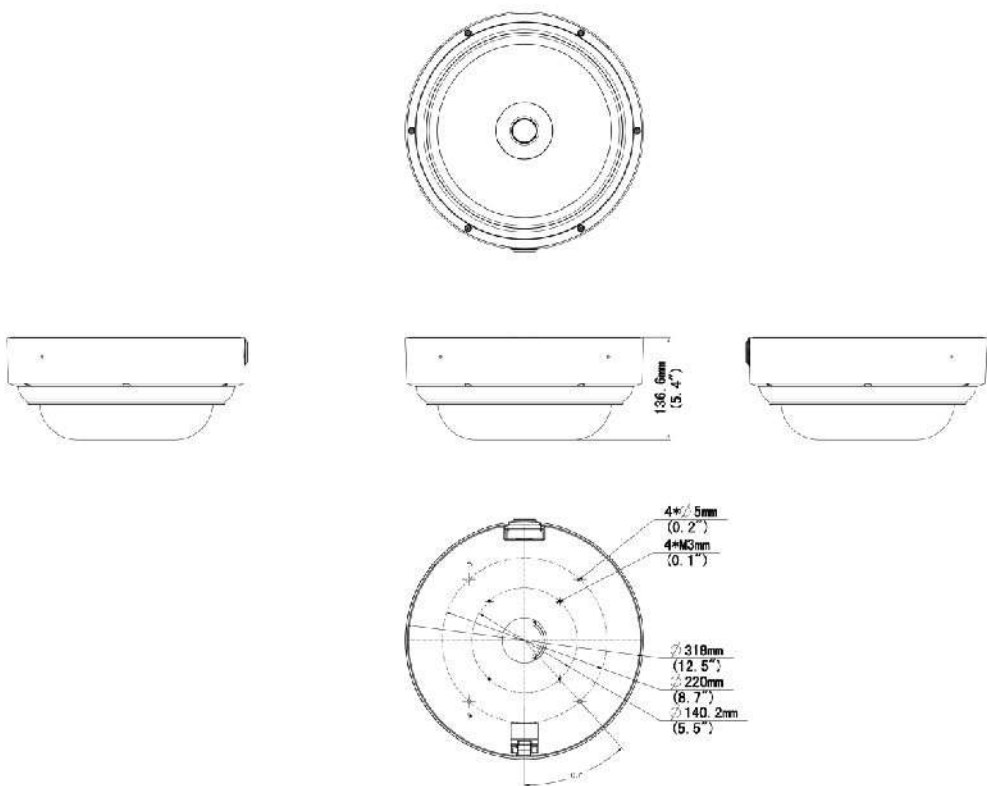
# Specifications

| Model                        | IPC8645EA-ADZKM-I1                                                                                                                                                                   |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera                       |                                                                                                                                                                                      |
| Max Resolution               | 4 × 5 MP                                                                                                                                                                             |
| Sensor                       | 1/2.7" CMOS                                                                                                                                                                          |
| Min. Illumination            | Color: 0.002 Lux (F1.2, AGC ON), 0 Lux with IR on                                                                                                                                    |
| Day/Night                    | IR-cut filter with auto switch (ICR)                                                                                                                                                 |
| WDR                          | 130 dB                                                                                                                                                                               |
| Adjustment Angle             | Pan: 0° to 360°, Tilt: 0° to 65°, Rotate: 0° to 355°                                                                                                                                 |
| S/N                          | >56 dB                                                                                                                                                                               |
| Lens                         |                                                                                                                                                                                      |
| Focal Length                 | 2.7 to 13.5 mm                                                                                                                                                                       |
| Optical Zoom                 | 5X                                                                                                                                                                                   |
| Iris                         | F1.2 * 4                                                                                                                                                                             |
| Field of View (H)            | (W) 110.3° to (T) 31°                                                                                                                                                                |
| Field of View (V)            | (W) 57.1° to (T) 17.5°                                                                                                                                                               |
| Field of View (D)            | (W) 143.4° to (T) 38.1°                                                                                                                                                              |
| Iris Type                    | Fixed                                                                                                                                                                                |
| DORI                         |                                                                                                                                                                                      |
| DORI Distance (Detect)       | 70.9 m to 247.5 m (232.5 ft. to 812.0 ft.)                                                                                                                                           |
| DORI Distance (Observe)      | 28.4 m to 99.0 m (93.2 ft. to 324.8 ft.)                                                                                                                                             |
| DORI Distance (Recognize)    | 14.2 m to 49.5 m (46.5 ft. to 162.4 ft.)                                                                                                                                             |
| DORI Distance (Identify)     | 7.1 m to 24.8 m (23.3 ft. to 81.4 ft.)                                                                                                                                               |
| Illuminator                  |                                                                                                                                                                                      |
| Illumination Distance (IR)   | 50 m (164.0 ft.)                                                                                                                                                                     |
| IR On/Off Control            | Auto/Manual                                                                                                                                                                          |
| Intelligent                  |                                                                                                                                                                                      |
| Exception Detection          | Scene change, Defocus detection, Object removed, Object Left Behind                                                                                                                  |
| 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 detection                                                                                                                             |
| Events                       |                                                                                                                                                                                      |
| Motion Detection             | Support                                                                                                                                                                              |
| Tampering Detection          | Support                                                                                                                                                                              |
| Audio Detection              | Support                                                                                                                                                                              |
| UMD (Ultra Motion Detection) | Support                                                                                                                                                                              |
| Image                        |                                                                                                                                                                                      |
| Flip                         | Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise                                                                                                      |
| HLC                          | Support                                                                                                                                                                              |
| BLC                          | Support                                                                                                                                                                              |
| Defog                        | Digital defog                                                                                                                                                                        |
| Network                      |                                                                                                                                                                                      |

|                           |                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. 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                                                                                                                                                        |
| 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+                                                                                                                                                                                                                                  |
| Storage                   |                                                                                                                                                                                                                                                                                                                                                                   |
| Edge Storage              | MicroSD, up to 512 GB                                                                                                                                                                                                                                                                                                                                             |
| Network Storage           | ANR, NAS (NFS)                                                                                                                                                                                                                                                                                                                                                    |
| Video                     |                                                                                                                                                                                                                                                                                                                                                                   |
| Video Compression         | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                                                                                                                                                                    |
| H.264 Code Profile        | Baseline profile, Main profile, High profile                                                                                                                                                                                                                                                                                                                      |
| Frame Rate-Main Stream    | Channel × 4<br>5 MP (2880 × 1620), max. 30 fps;<br>4 MP (2688 × 1520), max. 30 fps;<br>4 MP (2560 × 1440), max. 30 fps;<br>3 MP (2304 × 1296), max. 30 fps;<br>1080P (1920 × 1080), max. 30 fps;<br>720P (1280 × 720), max. 30 fps;<br>D1 (720 × 576), max. 30 fps;<br>640 × 360, max. 30 fps;<br>2CIF (704 × 288), max. 30 fps;<br>CIF (352 × 288), max. 30 fps; |
| Frame Rate-Sub Stream     | Channel × 4<br>1080P (1920 × 1080), max. 30 fps;<br>720P (1280 × 720), max. 30 fps;<br>D1 (720 × 576), max. 30 fps;<br>640 × 360, max. 30 fps;<br>2CIF (704 × 288), max. 30 fps;<br>CIF (352 × 288), max. 30 fps;                                                                                                                                                 |
| Frame Rate-Third Stream   | Channel × 4<br>D1 (720 × 576), max. 30 fps;<br>640 × 360, max. 30 fps;<br>2CIF (704 × 288), max. 30 fps;<br>CIF (352 × 288), max. 30 fps                                                                                                                                                                                                                          |
| Frame Rate Recommendation | Channel × 4<br>2880 × 1620@30 fps + 1080P@30 fps + D1@30 fps                                                                                                                                                                                                                                                                                                      |
| Video Bit Rate            | 128 Kbps ~ 16 Mbps * 4Channel                                                                                                                                                                                                                                                                                                                                     |
| U-code                    | Support                                                                                                                                                                                                                                                                                                                                                           |
| ROI                       | Support                                                                                                                                                                                                                                                                                                                                                           |

|                       |                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------|
| Video Stream          | Triple streams                                                                                   |
| OSD                   | Up to 10 OSDs * 4 Channel                                                                        |
| Privacy Mask          | Up to 8 * 4Channel                                                                               |
| Audio                 |                                                                                                  |
| Audio Compression     | G.711U, G.711A                                                                                   |
| Two-way Audio         | Support                                                                                          |
| Sampling Rate         | 8 kHz                                                                                            |
| 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             | 3/2                                                                                              |
| Built-in Mic          | Support                                                                                          |
| Network               | 1 × RJ45 10 M/100 M/1000 M Base-TX Ethernet                                                      |
| Live View             |                                                                                                  |
| Maximum Bitstream     | 20                                                                                               |
| 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), IK10 (IEC 62262)                                                               |
| Other                 |                                                                                                  |
| Corridor Mode         | Support                                                                                          |
| General               |                                                                                                  |
| Power                 | DC 24 V±25%, AC 24 V±25%, PoE (IEEE 802.3bt)                                                     |
| Built-in DC12V Output | Support                                                                                          |
| Power Consumption     | Max. 31 W                                                                                        |
| Power Interface       | Wires with cold-pressed terminal                                                                 |
| Dimensions            | Ø318 mm × 136.6 mm (Ø 12.52" × 5.38") (Ø × H)                                                    |
| Weight                | 4.77 kg (10.52 lb.)                                                                              |
| Working Environment   | -30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: 5%~95% RH                                            |
| Storage Environment   | -40 °C ~ 70 °C (-40 °F ~ 158 °F), Humidity: 5%~95% RH                                            |
| Surge Protection      | 6 KV                                                                                             |
| Material              | Metal                                                                                            |

Dimensions



Accessories

|                                                                                                     |                                                           |                                                                |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|
| <b>TR-UF45-K-IN</b><br>Four Eyes Multi-directional Camera<br>Ceiling Mounting/Wall Mounting Adapter | <b>TR-CE45-IN</b><br>Dome Indoor Ceiling Mounting Bracket | <b>TR-WE45-B-IN</b><br>Dome Gooseneck Bracket                  |
|                                                                                                     |                                                           |                                                                |
| <b>TR-WE45-A-IN</b><br>Long Wall Mounting Bracket for Dome                                          | <b>TR-UC08-A-IN</b><br>Dome Corner Mounting Bracket       | <b>TR-UC08-B-IN</b><br>Aluminium Alloy Corner Mounting Bracket |
|                                                                                                     |                                                           |                                                                |

| TR-UP08-A-IN<br>Dome Pole Mounting Bracket                                        | TR-UP08-B-IN<br>Aluminium Alloy Pole Mounting Bracket                             |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|
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# Unlimited New View

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