

# 8MP HD Intelligent LightHunter IR Fixed Mini Dome Camera

IPC318SR3-ADF28KM-G



## Features

- High quality imaging with 8MP, 1/3"CMOS sensor
- 8MP (3840\*2160)@20fps; 5MP (3072\*1728)@30/25fps; 4MP (2560\*1440)@30/25fps; 2MP (1920\*1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- LightHunter technology ensures ultra-high image quality in low illumination environment
- 120dB true WDR technology enables clear imaging in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 30m (98ft) IR distance
- Supports 256 G Micro SD card
- IK10 vandal resistant
- IP67 protection
- Support PoE power supply
- 3-Axis

## Specifications

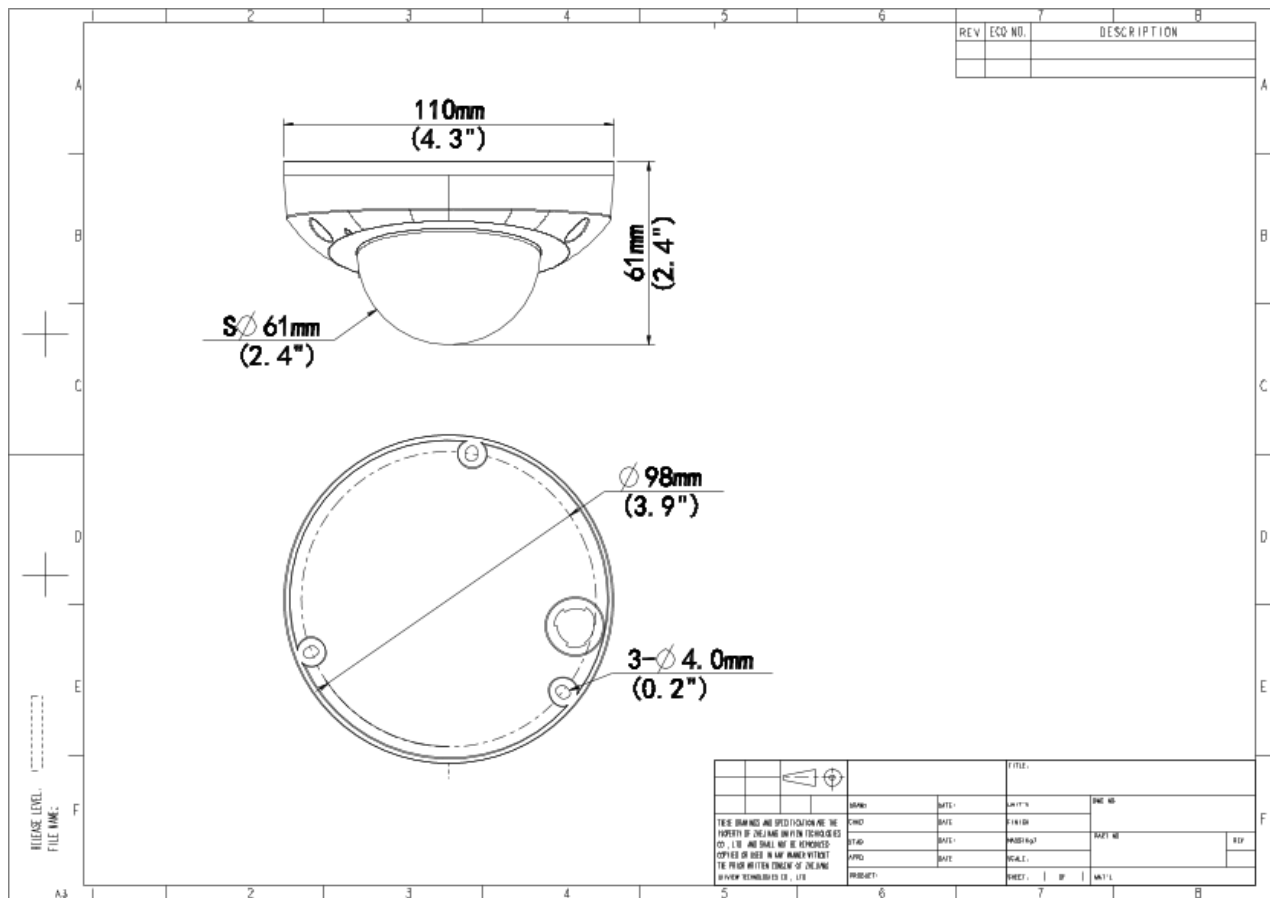
|        |                     |
|--------|---------------------|
| Model  | IPC318SR3-ADF28KM-G |
| Camera |                     |

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max Resolution             | 8 MP                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sensor                     | 1/3.0" CMOS                                                                                                                                                                                                                                                                                                                                                                                                              |
| Min. Illumination          | Colour:0.002 lux (F1.6, AGC ON)<br>0 lux with IR                                                                                                                                                                                                                                                                                                                                                                         |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                                                                                                                                                                                                                                                                                                                     |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                                                                                                                                                                                                                               |
| Adjustment Angle           | Pan: 0° ~ 90°, Tilt: 0° ~ 68°, Rotate: 0° ~ 360°                                                                                                                                                                                                                                                                                                                                                                         |
| S/N                        | >52 dB                                                                                                                                                                                                                                                                                                                                                                                                                   |
| WDR                        | 120 dB                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Lens                       |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Focal Length               | 2.8 mm                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Iris Type                  | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Iris                       | F1.6                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Field of View (H)          | 101.1°                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Field of View (V)          | 55.3°                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Field of View (D)          | 111.1°                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Lens Type                  | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DORI                       |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DORI Distance (Lens)       | 2.8mm                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DORI Distance (Detect)     | 63.0m(206.7ft)                                                                                                                                                                                                                                                                                                                                                                                                           |
| DORI Distance (Observe)    | 25.2m(82.7ft)                                                                                                                                                                                                                                                                                                                                                                                                            |
| DORI Distance (Recognize)  | 12.6m(41.3ft)                                                                                                                                                                                                                                                                                                                                                                                                            |
| DORI Distance (Identify)   | 6.3m(20.7ft)                                                                                                                                                                                                                                                                                                                                                                                                             |
| Illuminator                |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Illumination Distance (IR) | 30 m (98.4 ft)                                                                                                                                                                                                                                                                                                                                                                                                           |
| Wavelength                 | 850 nm                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Light On/Off Control       | Auto/Manual                                                                                                                                                                                                                                                                                                                                                                                                              |
| Video                      |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Video Compression          | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                                                                                                                                                                                                                           |
| H.264 Code Profile         | Baseline profile, Main profile, High profile                                                                                                                                                                                                                                                                                                                                                                             |
| Frame Rate                 | Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps;<br>Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; |
| Video Bit Rate             | 128 Kbps to 16 Mbps                                                                                                                                                                                                                                                                                                                                                                                                      |
| U-code                     | Support                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OSD                        | Up to 8 OSDs                                                                                                                                                                                                                                                                                                                                                                                                             |
| Privacy Mask               | Up to 4 areas                                                                                                                                                                                                                                                                                                                                                                                                            |
| ROI                        | Up to 8 areas                                                                                                                                                                                                                                                                                                                                                                                                            |
| Video Stream               | Triple Streams                                                                                                                                                                                                                                                                                                                                                                                                           |
| Image                      |                                                                                                                                                                                                                                                                                                                                                                                                                          |

|                            |                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                            |
| Dewarping                  | N/A                                                                                                                                                                                                        |
| HLC                        | N/A                                                                                                                                                                                                        |
| BLC                        | Support                                                                                                                                                                                                    |
| Defog                      | Digital Defog                                                                                                                                                                                              |
| Image Stabilization        | N/A                                                                                                                                                                                                        |
| <b>Intelligent</b>         |                                                                                                                                                                                                            |
| Smart Intrusion Prevention | N/A                                                                                                                                                                                                        |
| Recognition                | N/A                                                                                                                                                                                                        |
| Statistical Analysis       | N/A                                                                                                                                                                                                        |
| <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, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSH, SSL/TLS                                                   |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T), 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 |
| 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 kΩ, amplitude 2 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p]                                                                                                              |
| 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, EN 61000-3-3, EN IEC 61000-3-2, EN 55035)<br>FCC (FCC 47 CFR part15 B)                                                                                                                                                                            |
| Safety               | CE LVD (EN 62368-1)<br>CB (IEC 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)<br>IK10 (IEC 62262)                                                                                                                                                                                                                                |
| <b>General</b>       |                                                                                                                                                                                                                                                                     |
| Power                | DC 12V±25%, PoE (IEEE 802.3af)<br>Power consumption: Max 6.0W                                                                                                                                                                                                       |
| Power Interface      | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                          |
| Dimensions           | Φ110 x 61mm (Ø4.3" x 2.4")                                                                                                                                                                                                                                          |
| Weight               | 0.37kg (0.82lb)                                                                                                                                                                                                                                                     |
| 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



## Accessories

TR-JB03-G-IN

Junction Box for Mini Fix-dome(Support wiring from behind)



TR-UM06-E-IN

Slant Mounting Bracket for Fixed Dome



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 Pendent Mounting Pole 200mm



TR-SE24-A-IN

Dome Pendant Mounting Pole 500mm



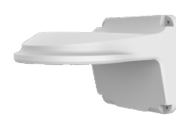
TR-CM24-IN

Dome Pendant Mounting Bracket(Indoor)



TR-WM03-D-IN

Wall Mounting Bracket for 32 Fix-  
dome&Mini Fix-  
dome&Plastic Turret Camera



TR-JB07/WM03-G-IN

Wall Mounting Assembling Bracket For 32 F  
ix-dome&Mini Fix-  
dome&Plastic Turret Camera



## Installation Diagram



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