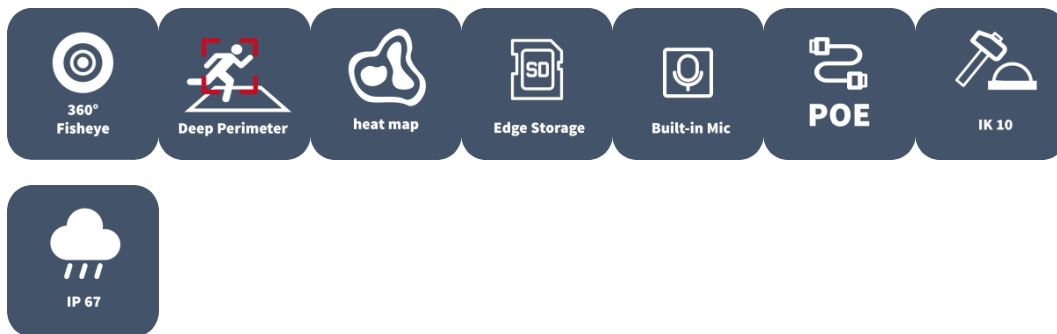


12MP Ultra HD Infrared Vandal-resistant Fisheye Fixed Dome Camera

IPC86CEB-AF18KC-I0



Features

- High quality image with 12MP, 1/1.7" CMOS sensor
- Max 4000*3000 resolution
- Ultra265, H.265, H.264, MJPEG
- Ultra wide angle lens, 360 panoramic image
- Embedded infrared light, 360 fill-in light, up to 15m (49ft) IR distance
- Multiple decoding modes, supports software and hardware modes, provides interactive dynamic view
- Heatmap: Working with management platform, the data of moving objects is counted in real time on an intuitive color map
- Built-in microphone & speaker, two-way talk supported
- Supports 512 G Micro SD card
- IK10 vandal resistant

- IP67 protection

Specifications

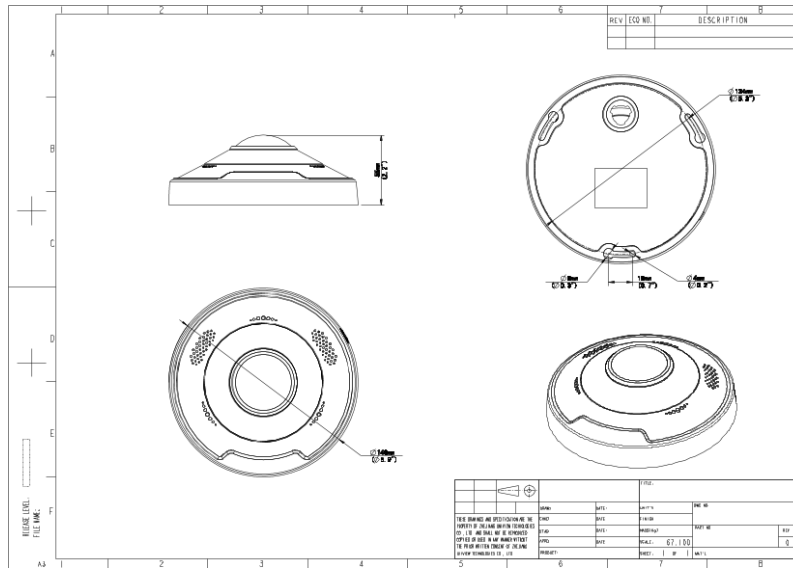
| Camera | Description |
|---------------------------|---|
| Max Resolution | 12MP |
| Sensor | 1/1.7" CMOS |
| Min. Illumination | Colour: 0.03Lux (F2.0, AGC ON) 0Lux with IR |
| Day/Night | IR-cut filter with auto switch (ICR) |
| Shutter | Auto/Manual, 1 ~ 1/100000s |
| S/N | >52dB |
| WDR | DWDR |
| Lens | Description |
| Focal Length | 1.8 mm |
| Iris Type | Fixed |
| Field of View | 360° |
| Iris | F2.0 |
| Lens Type | Fixed |
| DORI | Description |
| DORI Distance(Lens) | 1.8mm |
| DORI Distance(Detect) | 43.8(143.7ft) |
| DORI Distance(Observe) | 17.5(57.4ft) |
| DORI Distance(Recognize) | 8.8(28.87ft) |
| DORI Distance(Identify) | 4.4(14.44ft) |
| Illuminator | Description |
| Supplemental Light | IR |
| Illumination Distance(IR) | 15 m (49.3 ft) |
| IR On/Off Control | Auto/Manual |
| Wavelength | 850 nm |
| Video | Description |
| Main Stream | Fisheye View: 12MP(4000*3000)@20fps;3000*3000@20fps; 2560*2560@25fps; |

| | |
|--------------------------|---|
| | Panorama View: 12MP(4000*3000)@20fps;3000*2000@20/25fps; 3000*1500@20/25fp; PTZ View: 1920*1080@20/25fps; |
| Sub Stream | Fisheye View:2000*1500@20fps;2000*2000@25fps; |
| Video Compression | Ultra 265; H.265; H.264; MJPEG |
| Third Stream | Fisheye View:D1(720*576)@20/25fps;CIF352*288)@20/25fps; |
| H.264 Code Profile | Baseline profile, Main profile, High profile |
| Video Bit Rate | 128 Kbps ~ 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 |
| Live View Display | Description |
| Hardware Decoding | Ceiling mount: fisheye view, fisheye + 4PTZ, horizontal panorama view, vertical panorama view Table mount: fisheye view, fisheye + 4PTZ, horizontal panorama view, vertical panorama view Wall mount: fisheye view, fisheye + 4PTZ, panorama view |
| Software Decoding | Ceiling mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye+ 3PTZ, fisheye+4PTZ, fisheye+8PTZ,360° panorama + 6PTZ Table mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye+ 3PTZ, fisheye+4PTZ, fisheye+8PTZ,360° panorama + 6PTZ Wall mount: fisheye view, 180° panorama view, 180° panorama view+3PTZ, 180° panorama view+4PTZ, 180° panorama view+8PTZ |
| Image | Description |
| 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° |
| Dewarping | N/A |
| HLC | N/A |
| BLC | Support |
| Defog | Digital Defog |
| Intelligent | Description |

| | |
|----------------------------|--|
| Smart Intrusion Prevention | Cross Line Detection, Intrusion Detection |
| Statistical Analysis | Heat map (Working with management platform) |
| Events | Description |
| Basic Detection | Motion Detection; Tampering Alarm; Audio Detection |
| General Function | Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication |
| Audio | Description |
| Audio Compression | G.711U; G.711A |
| Audio Bitrate | 64 Kbps |
| Two-way Audio | Support |
| Suppression | Support |
| Sampling Rate | 8 KHz |
| Storage | Description |
| Edge Storage | Micro SD, up to 512 GB |
| Network Storage | ANR; NAS (NFS) |
| Network | Description |
| Protocols | IPv4; IPv6; IGMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS |
| 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 |
| Client | EZView; EZLive; EZStation |
| Web Browser | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above |
| Interface | Description |
| Audio I/O | 1 Input: impedance 35k Ω ; amplitude 2V [p-p]; 1 Output: impedance 600 Ω ; amplitude 2V [p-p] |
| Alarm I/O | 2/1 |
| Serial Port | 1 channel RS485 interface |
| Built-in Mic | Built-in two mics |

| | |
|----------------------|---|
| Built-in Speaker | Support |
| Network | 1 x RJ45 10M/100M Base-TX Ethernet |
| Video Output | 1 BNC, impedance 75 Ω ; amplitude 1V [p-p] |
| Certification | Description |
| EMC | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part15 B) |
| Safety | CE LVD (EN 62368-1) CB (IEC 62368-1) 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 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002) |
| General | Description |
| Power | DC 12V ±25%, PoE (IEEE 802.3af) Power consumption: Max 12W |
| Power Interface | Ø 5.5 mm coaxial power plug |
| Dimensions | Φ 149 x 55mm (Φ 5.9” x 2.2”) |
| Weight | 0.524kg (1.16lb) |
| Material | Metal + Plastic |
| Working Environment | -30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: ≤95% RH (non-condensing) |
| Storage Environment | -30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: ≤95% RH (non-condensing) |
| Surge Protection | 4KV |
| 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-JB04-D-IN

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



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-SE24-IN

Dome Pendant Mounting Pole 200m
m



TR-SE24-A-IN

Dome Pendant Mounting Pole 500m
m



TR-CM24-IN

Dome Pendant Mounting Bracket(Indoor)



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