

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

IPC86CEB-AF18KC-I0



Key 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
- Heat map, based on deep learning algorithms, the date of moving objects is counted in real time on an intuitive color map
- Built-in microphone & speaker, two-way talk supported
- Supports 256 G Micro SD card
- IK10 vandal resistant
- IP67 protection

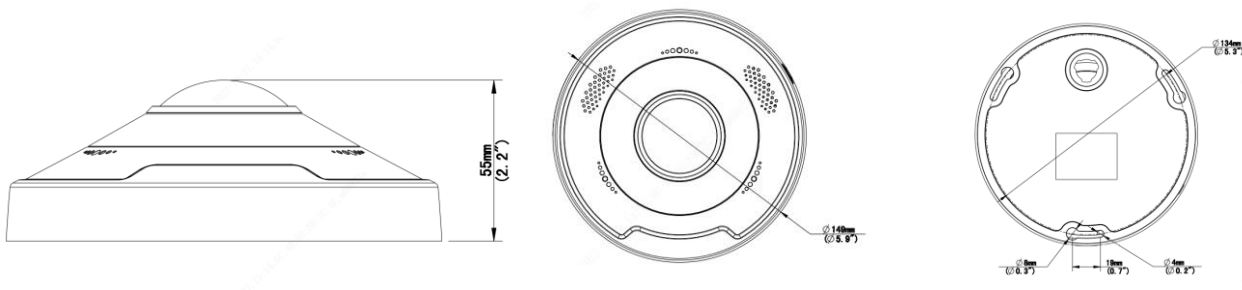
Specifications

| | | | | | |
|--------------------------|---|------------|-------------|---------------|--------------|
| | IPC86CEB-AF18KC-I0 | | | | |
| Camera | | | | | |
| Sensor | 1/1.7", 12.0 megapixel, progressive scan, CMOS | | | | |
| Minimum Illumination | Colour: 0.03Lux (F2.0, AGC ON) 0Lux with IR | | | | |
| Day / Night | IR-cut filter with auto switch (ICR) | | | | |
| Shutter | Auto/Manual, shutter time: 1 ~ 1/100000s | | | | |
| WDR | DWDR | | | | |
| S/N | >52dB | | | | |
| Lens | | | | | |
| Lens type | 1.8mm@F2.0 | | | | |
| Field of View | 360° | | | | |
| DORI | | | | | |
| DORI Distance | Lens (mm) | Detect (m) | Observe (m) | Recognize (m) | Identify (m) |
| | 1.8 | 43.8 | 17.5 | 8.8 | 4.4 |
| Illuminator | | | | | |
| IR Range | Up to 15m (49ft) IR range | | | | |
| wavelength | 850nm | | | | |
| IR On/Off Control | Auto/Manual | | | | |
| Video | | | | | |
| Compression | Ultra265, H.265, H.264, MJPEG | | | | |
| H.264 code profile | Baseline profile, Main Profile, High Profile | | | | |
| 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 | | | | |
| Third Stream | Fisheye View:D1(720*576)@20/25fps;CIF352*288)@20/25fps; | | | | |
| 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 | | | | | |
| Mount Type | Support table, wall, and ceiling | | | | |
| 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 | |
|----------------------------|--|
| 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 | |
| Smart intrusion prevention | Cross Line detection, Intrusion detection |
| Statistical Analysis | Heat map(Working with management platform) |
| Events | |
| Basic Detection | Motion detection, Audio detection, Tampering alarm |
| General Function | Watermark, IP Address Filtering, Tampering Alarm ,Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication |
| Audio | |
| Audio Compression | G.711U, G.711A |
| Audio Bitrate | 64 Kbps |
| Two-way audio | Support |
| Suppression | Support |
| Sampling Rate | 8KHZ |
| Storage | |
| Edge Storage | Micro SD, up to 256GB |
| Network Storage | ANR, NAS(NFS) |
| Network | |
| 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 |
| 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 |
| Client | EZStation EZView EZLive |
| Web Browser | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above |
| Interface | |
| Audio I/O | Input: impedance 35kΩ; amplitude 2V [p-p] |
| | Output: impedance 600Ω; amplitude 2V [p-p] |
| Alarm I/O | 2/1 |
| | Multiple Alarm linkage editable |
| Built-in Mic | Two Mics |
| Built-in Speaker | Support |
| Serial | 1 channel RS485 interface |
| Network | 1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet |
| Video Output | 1 BNC, impedance 75Ω; amplitude 1V [p-p] |

| Certifications | |
|---------------------|--|
| 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) CB (IEC 62368-1:2014) 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 | DC 12V±25%, PoE (IEEE 802.3af) |
| | Power consumption: Max 12W |
| Dimensions (Ø x H) | Φ149 x 55mm (Φ5.9" x 2.2") |
| Weight | 524g |
| Material | Metal + Plastic |
| Working Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH |
| Storage Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH |
| surge protection | 4kv |
| Reset Button | Support |

Dimensions



Accessories

TR-JB04-D-IN
Junction Box

TR-A01-IN
Waterproof Joint

TR-SE24-IN
Pendant Mount

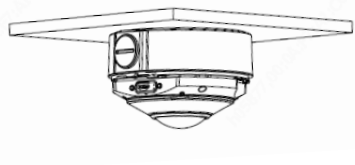
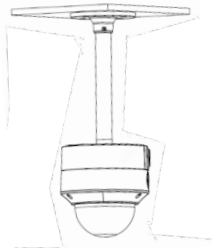
TR-SE24-A-IN
Pendant Mount



TR-CM24-IN

Pendant Mount



| Junction box | Indoor pendent mount |
|---|---|
| TR-JB04-D-IN+TR-A01-IN | TR-JB04-D-IN+TR-A01-IN+ TR-SE24-IN(TR-SE24-A-IN)+ TR-CM24-IN |
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*Product specifications and availability are subject to change without notice.