

## 5MP Panoramic IR Fixed Fisheye Network Camera IPC815SB-ADF14K-I0



## Features

- High quality image with 5 MP, 1/2.8" CMOS sensor
- 5 MP (2592 × 1944)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- 120 dB true WDR technology enables clear image in strong light scene
- Built-in dual-mic, has better sound performance
- Alarm I/O: 1/1, audio I/O: 1/1
- Smart IR, up to 10 m (32.8 ft.) IR distance
- MicroSD, up to 512 GB
- IK10 vandal resistant
- IP66 protection
- Supports PoE power supply

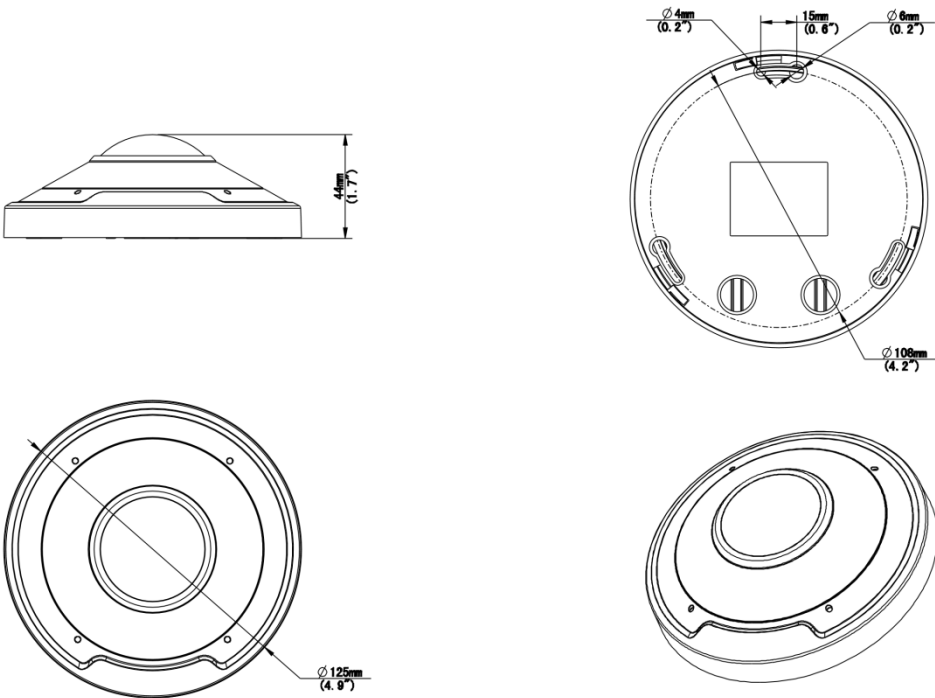
## Specifications

| Model                      | IPC815SB-ADF14K-I0                                                                                                             |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>              |                                                                                                                                |
| Max Resolution             | 5 MP                                                                                                                           |
| Sensor                     | 1/2.8" CMOS                                                                                                                    |
| Min. Illumination          | Color: 0.01 Lux (F2.0, AGC ON), 0 Lux with IR                                                                                  |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                           |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                                                                                                     |
| S/N                        | >52 dB                                                                                                                         |
| WDR                        | 120 dB                                                                                                                         |
| <b>Lens</b>                |                                                                                                                                |
| Focal Length               | 1.4 mm                                                                                                                         |
| Field of View (H)          | 180°                                                                                                                           |
| Field of View (V)          | 180°                                                                                                                           |
| Field of View (D)          | 180°                                                                                                                           |
| Iris Type                  | Fixed                                                                                                                          |
| Iris                       | F2.0                                                                                                                           |
| Lens Type                  | Fixed                                                                                                                          |
| <b>DORI</b>                |                                                                                                                                |
| DORI Distance (Lens)       | 1.4 mm                                                                                                                         |
| DORI Distance (Detect)     | 31.5 m (103.4 ft.)                                                                                                             |
| DORI Distance (Observe)    | 12.6 m (41.3 ft.)                                                                                                              |
| DORI Distance (Recognize)  | 6.3 m (20.7 ft.)                                                                                                               |
| DORI Distance (Identify)   | 3.2 m (10.5 ft.)                                                                                                               |
| <b>Video</b>               |                                                                                                                                |
| Main Stream                | 5 MP (2592 × 1944), max. 30 fps                                                                                                |
| Sub Stream                 | Fisheye View: 1080P (1920 × 1080): max. 30 fps; 720P (1280 × 720), max. 30 fps                                                 |
| Third Stream               | Fisheye View: D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps |
| Video Compression          | Ultra 265, H.265, H.264, MJPEG                                                                                                 |
| H.264 Code Profile         | Baseline profile, Main profile, High profile                                                                                   |
| Video Bit Rate             | 128 Kbps to 16 Mbps                                                                                                            |
| U-code                     | Support                                                                                                                        |
| OSD                        | Up to 8 OSDs                                                                                                                   |
| Privacy Mask               | Up to 4 areas                                                                                                                  |
| ROI                        | Support                                                                                                                        |
| Video Stream               | Triple streams                                                                                                                 |
| <b>Illuminator</b>         |                                                                                                                                |
| Supplemental Light         | IR                                                                                                                             |
| Illumination Distance (IR) | 10 m (32.8 ft.)                                                                                                                |
| IR On/Off Control          | Auto/Manual                                                                                                                    |
| Wavelength                 | 850 nm                                                                                                                         |

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Live View Display       |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Hardware Decoding       | N/A                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Software Decoding       | Ceiling mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye + 3PTZ, fisheye+4PTZ, fisheye + 8PTZ, 360° panorama + 6PTZ<br>Table mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye + 3PTZ, fisheye+4PTZ, fisheye + 8PTZ, 360° panorama + 6PTZ<br>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                                                                                                                                                                                                                                                                                                                                                                  |
| Smart IR                | Support                                                                                                                                                                                                                                                                                                                                                                                                               |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                                                                                                                                                                                                                                                             |
| Flip                    | Normal, Flip vertical, Flip horizontal, 180°                                                                                                                                                                                                                                                                                                                                                                          |
| Dewarping               | N/A                                                                                                                                                                                                                                                                                                                                                                                                                   |
| HLC                     | N/A                                                                                                                                                                                                                                                                                                                                                                                                                   |
| BLC                     | Support                                                                                                                                                                                                                                                                                                                                                                                                               |
| Defog                   | Digital defog                                                                                                                                                                                                                                                                                                                                                                                                         |
| Image Stabilization     | N/A                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Intelligent             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Statistical Analysis    | Heat map (Working with management platform)                                                                                                                                                                                                                                                                                                                                                                           |
| Events                  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                   |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Audio Compression       | G.711U, G.711A                                                                                                                                                                                                                                                                                                                                                                                                        |
| Audio Bitrate           | 64 Kbps                                                                                                                                                                                                                                                                                                                                                                                                               |
| Two-way Audio           | Support                                                                                                                                                                                                                                                                                                                                                                                                               |
| Suppression             | Support                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sampling Rate           | 8 kHz                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Storage                 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Edge Storage            | MicroSD, up to 512 GB                                                                                                                                                                                                                                                                                                                                                                                                 |
| Network Storage         | ANR, NAS (NFS)                                                                                                                                                                                                                                                                                                                                                                                                        |
| Network                 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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  | API, SDK, ONVIF (Profile S, Profile G, Profile T, Profile M)                                                                                                                                                                                                                                                                                                                                                          |
| 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                  | EZStation, APP                                                                                                                                                                                                                                                                                                                                                                                                        |
| Web Browser             | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+                                                                                                                                                                                                                                                                                                                                                 |

| Interface           |                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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           | 1/1                                                                                                                                                                                                                                                                 |
| Serial Port         | N/A                                                                                                                                                                                                                                                                 |
| Built-in Mic        | Built-in dual-mic                                                                                                                                                                                                                                                   |
| Built-in Speaker    | N/A                                                                                                                                                                                                                                                                 |
| Network             | 1 × RJ45 10 M/100 M Base-TX Ethernet                                                                                                                                                                                                                                |
| Video Output        | N/A                                                                                                                                                                                                                                                                 |
| Certification       |                                                                                                                                                                                                                                                                     |
| EMC                 | FCC CFR 47 Part 15<br>EN 55032:2015<br>EN 55024:2010<br>EN 61000-3-2:2014<br>EN 61000-3-3-2013                                                                                                                                                                      |
| Safety              | IEC 62368-1<br>EN 62368-1<br>UL 62368-1                                                                                                                                                                                                                             |
| Environment         | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)                                                                                                                                                                          |
| Protection          | IP66 (IEC 60529-2013)<br>IK10 (IEC 62262:2002)                                                                                                                                                                                                                      |
| General             |                                                                                                                                                                                                                                                                     |
| Power               | DC 12 V±25%, PoE (IEEE 802.3af)                                                                                                                                                                                                                                     |
| Power Consumption   | Max. 8.5 W                                                                                                                                                                                                                                                          |
| Power Interface     | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                          |
| Dimensions          | Ø125 mm × 43.7 mm (Ø4.9" × 1.7") (Ø × H)                                                                                                                                                                                                                            |
| Weight              | 0.36 kg (0.79 lb.)                                                                                                                                                                                                                                                  |
| Material            | Metal + Plastic                                                                                                                                                                                                                                                     |
| 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        | 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-JB03-H-IN-V2**

Junction Box for Metal Turret  
Camera(Support wiring from behind)



**TR-A01-IN**

NPT 3/4" Waterproof Cable Gland



**TR-SE24-IN**

Dome Pendant Mounting Pole 200mm



**TR-SE24-A-IN**

Dome Pendant Mounting Pole 500mm



**TR-CM24-IN**

Dome Pendant Mounting Bracket(Indoor)



# Unlimited New View

## Zhejiang Uniview Technologies Co., Ltd.



<http://www.uniview.com>



[overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)



No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China



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