

# 4MP Fisheye Fixed Dome Network Camera

## IPC814SR-DVPF16



## Key Features

### Optics

- Ultra wide angle lens, 180° panoramic image
- Smart IR, Up to 10 m (33ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

### Compression

- Ultra265, H.265, H.264, MJPEG
- Built-in omni directional microphone
- Triple stream (3 panoramic view)

### Network

- ONVIF Conformance

### Structure

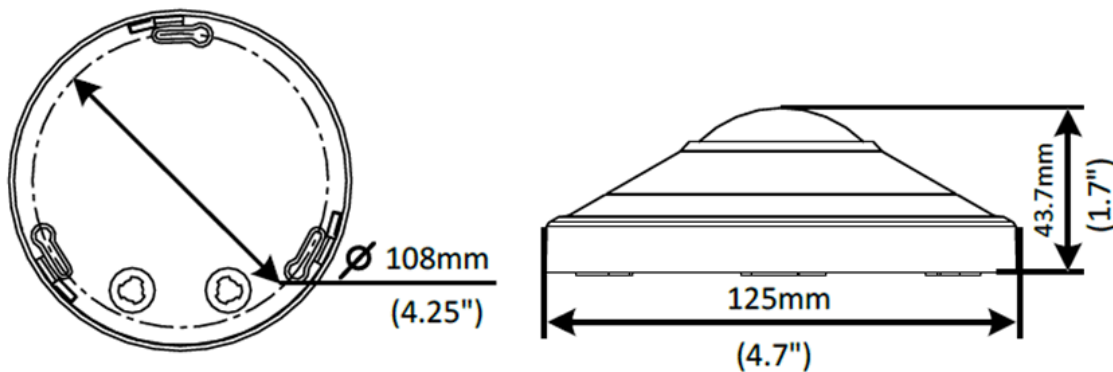
- Support PoE power supply
- Wide temperature range: -40°C to 60°C (-40°F to 140°F)
- Wide voltage range of  $\pm 25\%$
- IK10
- IP66

## Specifications

| IPC814SR-DVFP16          |  |           |            |              |             |
|--------------------------|--|-----------|------------|--------------|-------------|
| <b>Camera</b>            |  |           |            |              |             |
| Image sensor             | 1/3", progressive scan, 4.0 megapixel, CMOS  |           |            |              |             |
| Lens                     | 1.6mm@ F1.6  |           |            |              |             |
| DORI Distance            | Lens   | Detect(m) | Observe(m) | Recognize(m) | Identify(m) |
|                          | 1.6mm  | 36        | 14.4       | 7.2          | 3.7         |
| Angle of View (H)        | 180°   |           |            |              |             |
| Shutter                  | Auto/Manual, shutter time: 1/6 s ~1/100000 s   |           |            |              |             |
| Minimum Illumination     | Colour: 0.01 Lux (F1.6, AGC ON)<br>0 Lux with IR   |           |            |              |             |
| Day / Night              | IR-cut filter for day & night function   |           |            |              |             |
| Digital noise reduction  | 2D/3D DNR  |           |            |              |             |
| S/N                      | >55dB  |           |            |              |             |
| IR Range                 | UP to 10m (33ft)   |           |            |              |             |
| Defog                    | Digital Defog  |           |            |              |             |
| WDR                      | 120dB  |           |            |              |             |
| <b>Video</b>             |  |           |            |              |             |
| Compression              | Ultra265, H.265, H.264, MJPEG  |           |            |              |             |
| H.264 code profile       | Baseline profile, Main Profile, High Profile   |           |            |              |             |
| Frame Rate               | Main Stream : (2560×1440) : Max.25fps;<br>Sub Stream: (1920×1080) : Max.25fps;<br>Third Stream: D1(720 x 576): Max.25 fps                            |           |            |              |             |
| BLC                      | Supported  |           |            |              |             |
| OSD                      | Up to 8 OSDs   |           |            |              |             |
| ROI                      | Up to 8 areas  |           |            |              |             |
| Privacy Mask             | Up to 8 areas  |           |            |              |             |
| Motion Detection         | Up to 4 areas  |           |            |              |             |
| General Function         | Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication |           |            |              |             |
| <b>Audio</b>             |  |           |            |              |             |
| Audio Compression        | G.711  |           |            |              |             |
| Two-way audio            | Supported  |           |            |              |             |
| Suppression              | Supported  |           |            |              |             |
| Sampling Rate            | 8 KHZ  |           |            |              |             |
| <b>Storage</b>           |  |           |            |              |             |
| Edge Storage             | Micro SD, up to 128GB  |           |            |              |             |
| Network Storage          | ANR  |           |            |              |             |
| <b>Network</b>           |  |           |            |              |             |
| Protocols                | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP                            |           |            |              |             |
| Compatible Integration   | ONVIF(Profile S, Profile G), API   |           |            |              |             |
| <b>Live View Display</b> |  |           |            |              |             |
| Mount Type               | Support table, wall, and ceiling   |           |            |              |             |

|                                 |   |
|---------------------------------|---|
| Display Mode                    | Support 9 display modes in total (including display modes of mount types and decoding modes):<br>Original Image, Fisheye+4PTZ, Panoramic, 360°Panoramic+1PTZ, 180°Panoramic, Fisheye+3PTZ, Fisheye+4PTZ, 360°Panoramic+6PTZ, Fisheye+8PTZ |
| <b>Interface</b>                |   |
| Audio I/O                       | Audio interface   |
|                                 | Input: impedance 35 k $\Omega$ ; amplitude 2 V [p-p]  |
|                                 | Output: impedance 600 $\Omega$ ; amplitude 2 V [p-p]  |
|                                 | 3 built-in omnidirectional microphone   |
| Alarm I/O                       | 1 / 1   |
| Built-in Mic                    | Supported   |
| Video Output                    | 1 BNC, impedance 75 $\Omega$ ; amplitude 1 V [p-p]  |
| Network                         | 1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet  |
| <b>General</b>                  |   |
| Power                           | DC12V $\pm$ 25%,PoE(IEEE 802.3af)   |
|                                 | Power consumption: Max. 11 W  |
| Dimensions ( $\varnothing$ x H) | $\varnothing$ 125x 43.7 mm ( $\varnothing$ 4.9" x 1.7")   |
| Weight                          | 0.39kg(0.86lb)  |
| Working Environment             | -40°C ~60°C (-40°F ~ 140°F), Humidity :10%~95% RH   |
| Ingress Protection              | IP66  |
| Vandal Resistant                | IK10  |
| Reset Button                    | Supported   |

## Dimensions



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\*Product specifications and availability are subject to change without notice.