4MP Fisheye Fixed Dome Network Camera

IPC814SR-DVPF16

Key Features

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

Compression
- Ultra 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 ~ 60°C (-40°F ~ 140°F)
- Wide voltage range of ±25%
- IK10
- IP66
# Specifications

<table>
<thead>
<tr>
<th>IPC814SR-DVPF16</th>
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## Camera
- **Image sensor**: 1/3", 4.0 megapixel, progressive scan, CMOS
- **Lens**: 1.6mm@F1.6

## DORI Distance
<table>
<thead>
<tr>
<th>Lens (mm)</th>
<th>Detect (m)</th>
<th>Observe (m)</th>
<th>Recognize (m)</th>
<th>Identify (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.6</td>
<td>36</td>
<td>14.4</td>
<td>7.2</td>
<td>3.7</td>
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## Angle of View
- **180°**

## Shutter
- Auto/Manual, shutter time: 1 ~ 1/100000s

## Minimum Illumination
- Colour: 0.01Lux (F1.6, AGC ON)
- 0Lux 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

## Video
- **Compression**: Ultra265, H.264, MJPEG
- **H.264 code profile**: Baseline profile, Main Profile, High Profile
- **Frame Rate**: Main Stream : 4MP (2560*1440), Max 25fps; Sub Stream: 1080P (1920*1080), Max 25fps; Third Stream: D1 (720*576), Max 25fps
- **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

## Audio
- **Audio Compression**: G.711
- **Two-way audio**: Supported
- **Suppression**: Supported
- **Sampling Rate**: 8KHZ

## Storage
- **Edge Storage**: Micro SD, up to 256GB
- **Network Storage**: ANR

## Network
- **Protocols**: IPv4, 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

## Live View Display
- **Mount Type**: Support table, wall, and ceiling
## Interface

**Audio I/O**
- **Audio interface**
  - Input: impedance 35kΩ; amplitude 2V [p-p]
  - Output: impedance 600Ω; amplitude 2V [p-p]
  - 3 built-in omnidirectional microphone

**Alarm I/O**
- 1/1

**Built-in Mic**
- Supported

**Video Output**
- 1 BNC, impedance 75Ω; amplitude 1V [p-p]

**Network**
- 1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet

## General

**Power**
- DC 12V±25%, PoE (IEEE 802.3af)
- Power consumption: Max 11W

**Dimensions (Ø x H)**
- Ø125 x 43.7mm (Ø4.9" x 1.7")

**Weight**
- 0.39kg (0.86lb)

**Working Environment**
- -40° C ~ 60° C (-40°F ~ 140°F), Humidity: ≤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.