5MP WDR Starlight (Motorized) VF Eyeball Network IR Camera

IPC3635ER3-DUPZ

Key Features

Optics

- Starlight illumination
- Day/night functionality
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in motorized lens for remote zoom

Compression

- Ultra 265, H.264, MJPEG
- Triple streams
- 9:16 corridor mode

Network

- ONVIF Conformance

Structure

- Support PoE power supply
- Wide temperature range: -40°C ~ 60°C (-40°F ~ 140°F)
- Wide voltage range of ±25%
## Specifications

<table>
<thead>
<tr>
<th>IPC3635ER3-DUPZ</th>
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</table>

### Camera
- **Sensor**: 1/2.7", 5.0 megapixel, progressive scan, CMOS
- **Lens**: 2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens

### 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>2.7</td>
<td>60.8</td>
<td>24.3</td>
<td>12.2</td>
<td>6.1</td>
</tr>
<tr>
<td>13.5</td>
<td>303.8</td>
<td>121.5</td>
<td>60.8</td>
<td>30.4</td>
</tr>
</tbody>
</table>

### Angle of view
- **(H)**: 93.38° ~ 28.56°
- **(V)**: 88° ~ 16.4°
- **(O)**: 121.4° ~ 33.7°

### Adjustment angle
- Pan: 0° ~ 360°
- Tilt: 0° ~ 90°
- Rotate: 0° ~ 360°

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

### Minimum Illumination
- Colour: 0.002Lux (F1.2, AGC ON)  
- Colour with IR

### Day/Night
- IR-cut filter with auto switch (ICR)

### Digital noise reduction
- 2D/3D DNR

### S/N
- >52dB

### IR Range
- Up to 30m (98ft) IR range

### Defog
- Digital Defog

### WDR
- 120dB

### Video
- **Video Compression**: Ultra 265, H.264, MJPEG
- **H.264 code profile**: Baseline profile, Main Profile, High Profile
- **Frame Rate**:
  - Main Stream: 5MP (2592*1944), Max 20fps; 5MP (2592*1944), Max 25fps (WDR OFF); 4MP (2560*1440), Max 30fps; 3MP (2048*1536), Max 30fps; 2MP (1920*1080), Max 30fps;  
  - Sub Stream: 2MP (1920*1080), Max 30fps;  
  - Third Stream: D1 (720*576), Max 30fps
- **9:16 Corridor Format**: Supported
- **HLC**: Supported
- **OSD**: Up to 8 OSDs
- **Privacy Mask**: Up to 8 areas
- **ROI**: Up to 8 areas
- **Motion Detection**: Up to 4 areas

### Audio
- **Audio Compression**: G.711

### 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, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS

### Compatible Integration
ONVIF (Profile S, Profile G, Profile T), API

### Interface
Network
1 RJ45 10M/100M Base-TX Ethernet

Built-in Mic
Supported

## General
### Power
DC 12V±25%, PoE (IEEE 802.3af)

Power consumption: Max 8.16W

### Dimensions (Ø x H)
Φ129 x 110mm (Ø5.08” x 4.3”)

### Weight
0.82kg (1.8lb)

### Working Environment
-40°C ~ 60°C (-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)

### Ingress Protection
IP67

### Reset Button
Supported

### Dimensions
![Dimensions Diagram]

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