Overview

Hikvision DS-2PT3306IZ-DE3(2mm) Triple-Directional PanoVu Mini Camera can be widely used in multiple indoor scenes such as the store, classroom, office hall, hotel lobby, and airport lobby, etc.

Functions

- Three 1/2.8" progressive scan CMOS
- Up to 3-ch 1920 × 1080@30fps resolution
- Min. illumination:
  - Color: 0.05 Lux @(F2.0, AGC ON)
  - B/W: 0.01 Lux @(F2.0, AGC ON)
  - 0 Lux with IR
- Horizontal FOV: 128.5° × 3
- Vertical FOV: 75.7°
- Up to 10 m IR radius
**DORI**
The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view.

It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

<table>
<thead>
<tr>
<th>Definition</th>
<th>Detect</th>
<th>Observe</th>
<th>Recognize</th>
<th>Identify</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance (Tele)</td>
<td>25 px/m</td>
<td>63 px/m</td>
<td>125 px/m</td>
<td>250 px/m</td>
</tr>
<tr>
<td>Distance (Tele)</td>
<td>26.7 m (87.6 ft)</td>
<td>10.6 m (34.8 ft)</td>
<td>5.3 m (17.4 ft)</td>
<td>2.7 m (8.9 ft)</td>
</tr>
</tbody>
</table>

**Specification**

**Camera**
- **Image Sensor**: Three 1/2.8” progressive scan CMOS
- **Min. Illumination**: Color: 0.05 Lux @ (F2.0, AGC ON)  
  B/W: 0.01 Lux @ (F2.0, AGC ON)  
  0 Lux with IR
- **White Balance**: Auto/Manual/ATW (Auto-Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
- **Shutter Time**: 1/25 s to 1/30,000 s
- **Day & Night**: IR Cut Filter
- **Focal Length**: 2 mm
- **Aperture Range**: F2.0
- **FOV**: Horizontal field of view: 128.5° × 3  
  Vertical field of view: 75.7°
- **Resolution (Sub-stream enabled)**:  
  Main stream: 50 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720)  
  60 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720)  
  Sub-stream: 50 Hz: 20 fps (704 × 576, 640 × 480, 352 × 288)  
  60 Hz: 20 fps (704 × 480, 640 × 480, 352 × 240)
- **Resolution (Sub-stream not enabled)**:  
  Main stream: 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)  
  60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
- **Video Compression (Sub-stream enabled)**:  
  Main stream: H.265/H.264  
  Sub-stream: H.265/H.264/MJPEG (MJPEG is only supported by channel 1)  
  H.264 with Main Profile/High Profile, H.265 with Main Profile
- **Video Compression (Sub-stream not enabled)**:  
  Main stream: H.265/H.264/MJPEG (MJPEG is only supported by channel 1)  
  H.264 with Main Profile/High Profile, H.265 with Main Profile
- **Audio Compression**: G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2
- **IR Radius**: 10 m
- **Smart Coding**: ROI, SVC
- **Smart Record**: ANR (Automatic Network Replenishment)
- **Basic Event Detection**: Motion Detection, Video Tampering Detection, Exception
- **Smart Event Detection**: Audio Exception Detection, Intrusion Detection, Line Crossing Detection (Smart event detection is only supported by channel 1)
- **Privacy Mask**: 4 × 3 programmable privacy masks
- **Smart Image Enhancement**: Digital WDR/HLC/BLC/3D DNR/Defog/Regional Exposure

**Network**
- **Network Storage**: Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB
- **Protocols**: IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, DHCP, PPPoE, Bonjour
- **API**: Open-ended, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform
- **User/Host**: Up to 32 users  
  3 levels: Administrator, Operator and User
<table>
<thead>
<tr>
<th>Security Measures</th>
<th>User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Client</td>
<td>iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect</td>
</tr>
<tr>
<td>Web Browser</td>
<td>IE8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td></td>
</tr>
<tr>
<td>Network Interface</td>
<td>1 RJ45 10 M/100 M Ethernet</td>
</tr>
<tr>
<td>Audio Interface</td>
<td>1-ch audio input and 1-ch audio output</td>
</tr>
<tr>
<td><strong>General</strong></td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>12 VDC, 2.0 A &amp; PoE (802.3 at), 42.5 to 57 VDC, 0.6 A, Class4 Max.20 W (Max. 6 W for IR)</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>-10°C to 50°C (14°F to 122°F)</td>
</tr>
<tr>
<td>Working Humidity</td>
<td>≤ 90%</td>
</tr>
<tr>
<td>Protection Level</td>
<td>TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection</td>
</tr>
<tr>
<td>Material</td>
<td>PC &amp; Aluminum alloy</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Φ 183 mm × 76 mm (Φ 7.20&quot; × 2.99&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 0.68 kg (1.50 lb)</td>
</tr>
</tbody>
</table>

**Available Model**

DS-2PT3306I-Z-DE3(2mm), 12 VDC & PoE (802.3 at, class 4)

**Dimensions**

![Diagram showing dimensions](image-url)
Accessories

DS-1294ZJ-TRL  Wall Mounting Bracket

DS-1271ZJ-PT10  Pendent Mounting Bracket