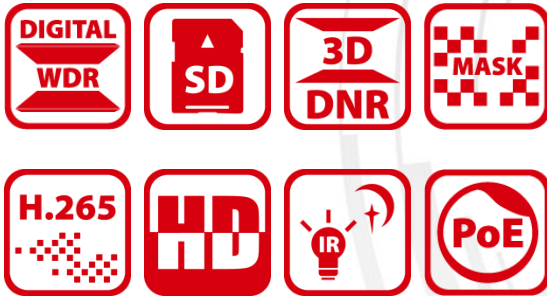


### DS-2PT3122IZ-DE3 (8mm) Single-Directional PanoVu Mini Camera with PTZ



#### Overview

Hikvision DS-2PT3122IZ-DE3 (8mm) Single-Directional PanoVu Mini Camera with PTZ, with the integration design, is able to capture 128.5° images with the panoramic camera as well as close-up images with the PTZ camera.

#### System Functions

- 1-ch panoramic image and 1-ch close-up image
- Support PTZ linkage
- 1-ch audio input and 1-ch audio output
- Support H.265 video compression
- Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB
- Open-ended API, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform
- Up to 10 m IR distance
- Support Hik-Connect

#### Panoramic Camera

- 1/2.8" progressive scan CMOS
- Up to 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
- Support H.265 video compression
- Horizontal FOV: 128.5°

#### PTZ Camera

- 1/2.8" progressive scan CMOS
- Up to 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
- Support H.265 video compression



## Specification

Panoramic Camera	
Image Sensor	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
Shutter Time	50 Hz: 1/25 s to 1/30,000 s 60 Hz: 1/30 s to 1/30,000 s
Day & Night	IR Cut Filter
Gain	Auto/Manual
WDR	Digital WDR
Smart Image Enhancement	HLC/BLC/3D DNR/Regional Exposure
White Balance	Auto/Manual/ATW (Auto-Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Privacy Mask	4 programmable privacy masks
Focal Length	2 mm
Aperture Range	F2.0
FOV	Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144°
PTZ Camera	
Image Sensor	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
Shutter Time	50 Hz: 1/25 s to 1/30,000 s 60 Hz: 1/30 s to 1/30,000 s
Day & Night	IR Cut Filter
Gain	Auto/Manual
WDR	Digital WDR
Smart Image Enhancement	HLC/BLC/3D DNR/Regional Exposure/Regional Focus
White Balance	Auto/Manual/ATW (Auto-Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Privacy Mask	8 programmable privacy masks
Focus Mode	Semi-automatic/Manual
Focal Length	8 mm
FOV	Horizontal field of view: 43° Vertical field of view: 23.5° Diagonal field of view: 50.3°
Aperture Range	F2.0
Pan and Tilt Range	Pan: 0° to 350°; Tilt: 0° to 90°
Pan and Tilt Speed	Pan speed: 0.1°/s to 30°/s (configurable), preset speed: 30°/s Tilt speed: 0.1°/s to 30°/s (configurable), preset speed: 30°/s
Preset Number	300
Power-off Memory	Support
PTZ Status Display	Support
Preset Freezing	Support
Scheduled Task	Preset/Dome Reboot/Dome Adjust
Dual-VCA	Support
Smart Event Detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection
System	
IR	Up to 10 m IR distance

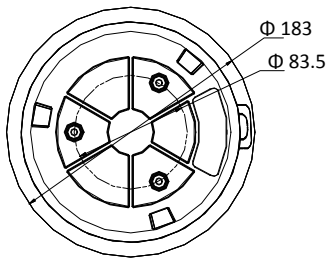
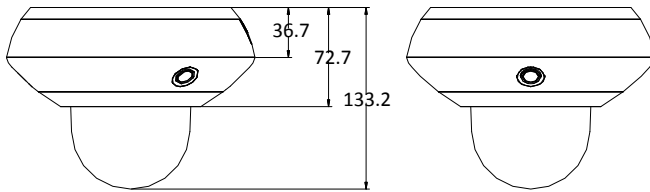
PTZ Linkage	Support
SVC	Support
ROI	Main stream and sub-stream respectively supports eight fixed areas.
Video Compression (Sub-stream enabled)	<p>Panoramic camera: Main stream: H.265/H.264 Sub-stream: H.265/H.264 H.264 with Main Profile/High Profile, H.265 with Main Profile</p> <p>PTZ camera: Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG H.264 with Main Profile/High Profile, H.265 with Main Profile</p>
Video Compression (Sub-stream not enabled)	<p>Panoramic camera: Main stream: H.265/H.264 H.264 with Main Profile/High Profile, H.265 with Main Profile</p> <p>PTZ camera: Main stream: H.265/H.264/MJPEG H.264 with Main Profile/High Profile, H.265 with Main Profile</p>
Video Bitrate	32 Kbps to 8192 Kbps
Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2
Audio Bitrate	<p>G.711alaw/G.711ulaw: 64 Kbps G.722.1/G.726: 16 Kbps MP212: 32 Kbps/64 Kbps/128 Kbps</p>
Resolution (Sub-stream enabled)	<p>Panoramic camera: 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)</p> <p>PTZ camera: 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)</p>
Resolution (Sub-stream not enabled)	<p>Panoramic camera: 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)</p> <p>PTZ camera: 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)</p>
Basic Event Detection	Motion Detection, Video Tampering Detection, Exception
<b>Network</b>	
Smart Record	ANR (Automatic Network Replenishment)
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, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform
Simultaneous Live View	Up to 8 × 2 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect

Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
<b>Interface</b>	
Network Interface	1 RJ45 10 M/100 M Ethernet
Audio Interface	1-ch audio input and 1-ch audio output
<b>General</b>	
Power	12 VDC, 1.6 A and PoE (802.3at), 42.5 to 57 VDC, 0.6 A Class4 Max.19 W (Max. 2 W for IR)
Working Temperature	-10°C to 50°C (14°F to 122°F)
Working Humidity	≤ 90%
Protection Level	TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	PC + ABS & Aluminum alloy
Dimensions	Φ 183 mm × 133.2 mm (Φ 7.20" × 5.24")
Weight	Approx. 0.9 kg (1.98 lb)

## Order Model

DS-2PT3122IZ-DE3 (8mm), 12 VDC & PoE (802.3 at, class 4)

## Dimensions



Unit: mm

## Accessories



DS-1294ZJ-TRL

Wall Mounting Bracket



DS-1271ZJ-PT10

Pendant Mounting Bracket

Distributed by



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