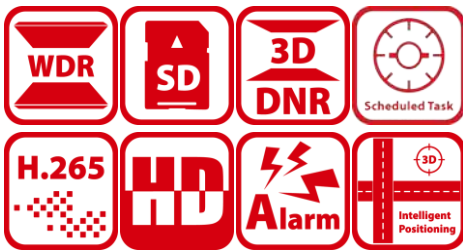




## DS-2DP3236ZIXS-D/440/T2 360° Stitched 32 MP PanoVu Camera with PTZ



# PanoVu

Hikvision DS-2DP3236ZIXS-D/440/T2 360°Stitched 32 MP PanoVu Camera with PTZ is able to capture panoramic images as well as close-up images, offering both panorama and details. The panoramic images are captured by eight sensors, which could realize 360°panorama monitoring. The integration of two cameras can locate the details fast over expansive area. Furthermore, with its advanced video analysis and multiple targets tracking algorithm, PanoVu camera also features a wide range of smart functions for multiple targets within the panoramic view filed, including intrusion detection, line crossing detection, region entrance detection, and region exiting detection. The camera could also output alarm signals to link the PTZ for tracking to improve the security efficiency. This product is suitable for the application scenarios in which expansive monitor and detail capture are both required, such as airport, station, stadium, playground, scenic area, and public square.

### Panoramic Camera

- Eight 1/1.8" 4 MP progressive scan CMOS
- Up to 2 × 5520 × 2400 resolution @30fps
- Horizontal field of view: 2 × 180°  
Vertical field of view: 85°
- Min. illumination  
Color: 0.0005 Lux @(F1.6, AGC ON)  
B/W: 0.0001 Lux @(F1.6, AGC ON)
- Supports people density detection in panoramic channel

### Tracking PTZ Camera

- 1/1.8" 4 MP progressive scan CMOS
- Up to 2560 × 1440 resolution @30fps
- Pan and tilt range: 360°(Pan), -15°to 90°(Tilt)
- Min. illumination  
Color: 0.0005 Lux @(F1.2, AGC ON)  
B/W: 0.0001 Lux @(F1.2, AGC ON)  
0 Lux with IR
- 40 × Optical Zoom, 16 × Digital Zoom
- IR distance: 250 m

## ▪ Specification

Camera	
Image Sensor	[Panoramic channel]: 1/1.8" progressive scan CMOS, [PTZ channel]: 1/1.8" progressive scan CMOS
Min. Illumination	[Panoramic channel] color: 0.0005Lux @ (F1.6, AGC ON), B/W: 0.0001Lux @(F1.6, AGC ON), 0 Lux with IR; [PTZ channel] color: 0.0005Lux @ (F1.2, AGC ON), B/W: 0.0001Lux @(F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1 to 1/30000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Zoom	[PTZ channel] 40x optical, 16x digital
Max. Resolution	5520 × 2400
Lens	
Focus	Auto, semi-auto, manual
Focal Length	[Panoramic channel] 2.8 mm; [PTZ channel] 6.0 to 240mm
Zoom Speed	[PTZ channel] approx. 4.4 s
FOV	[Panoramic channel] Horizontal field of view: 180° Vertical field of view: 85° [PTZ channel] Horizontal field of view: 56.6° to 1.8° (Wide-Tele) Vertical field of view: 33.7° to 1.0° (Wide-Tele) Diagonal field of view: 63.4° to 2.0° (Wide-Tele)
Aperture	F1.2
Illuminator	
Supplement Light Range	IR Distance: up to 250 m
Smart Supplement Light	Yes
PTZ	
Movement Range (Pan)	0-360°
Movement Range (Tilt)	-15° to 90° (auto flip)
Pan Speed	Pan speed: configurable from 0.1° to 210°/s; preset speed: 240°/s
Tilt Speed	Tilt speed: configurable from 0.1° to 150°/s, preset speed 200°/s
Proportional Pan	[Panoramic channel]: no; [PTZ channel]: yes
Presets	300
Patrol Scan	8 patrols
Pattern Scan	4 pattern scans
Power-off Memory	Yes
Park Action	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan
3D Positioning	Yes
PTZ Status Display	Yes
Preset Freezing	Yes

Scheduled Task	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output
<b>Video</b>	
Main Stream	[Panoramic channel] 50Hz: 25fps (5520 × 2400 × 2, 3840 × 1680 × 2, 2784 × 1200 × 2) 60Hz: 30fps (5520 × 2400 × 2, 3840 × 1680 × 2, 2784 × 1200 × 2) [PTZ channel] 50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	[Panoramic channel] 50Hz: 25fps (2048 × 896 × 2, 1280 × 560 × 2, 704 × 320 × 2) 60Hz: 30fps (2048 × 896 × 2, 1280 × 560 × 2, 704 × 320 × 2) [PTZ channel] 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	[Panoramic channel] 50Hz: 25fps (4096 × 1800 × 2, 3840 × 1680 × 2, 2784 × 1200 × 2, 2048 × 896 × 2, 1280 × 560 × 2, 704 × 320 × 2), 60Hz: 30fps (4096 × 1800 × 2, 3840 × 1680 × 2, 2784 × 1200 × 2, 2048 × 896 × 2, 1280 × 560 × 2, 704 × 320 × 2) [PTZ channel] 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288), 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG
<b>Audio</b>	
Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
Audio Sampling Rate	MP2L2: 16kHz, 32kHz, 44.1kHz, 48kHz, PCM: 8kHz, 16kHz, 32kHz, 44.1kHz, 48kHz
<b>Network</b>	
Network Storage	NAS (NFS, SMB/ CIFS)
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	Open-ended API, ONVIF (Profile S, Profile G, Profile T), ISAPI, Hikvision SDK, Third-party management platform, ISUP
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users, 3 user levels: administrator, operator, and user
Smooth Streaming	Yes
Security	Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter
Client	iVMS-4200, HikCentral Pro, Hik-Connect
Web Browser	IE8+
<b>Image</b>	
Day/Night Switch	Day, night, auto, scheduled-switch

Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range (WDR)	120 dB WDR
Defog	Optical defog
Image Stabilization	EIS
Regional Exposure	Yes
Regional Focus	Yes
Image Settings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser
Image Parameters Switch	Yes
Privacy Mask	[Panoramic channel] 8 programmable polygon privacy masks, mask color configurable [PTZ channel] 24 programmable polygon privacy masks, mask color configurable
SNR	≥ 55 dB
<b>Interface</b>	
Ethernet Interface	RJ45, Self-adaptive 10M/100M/1000M Ethernet port
Fiber Optical	FC interface, built-in fiber module, 1000M, TX1310/RX1550 nm wavelength, single module fiber, up to 20 km transmission distance
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC cards, up to 256 GB
Alarm	7 inputs, 2 outputs
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset	Yes
<b>Event</b>	
Smart Event	[Panoramic Channel] Intrusion detection, line crossing detection, region entrance detection, region exiting detection [PTZ Channel] Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Smart Tracking	Manual tracking, auto-tracking, panorama tracking
Alarm Linkage	Preset, patrol scan, pattern scan, memory card video recording, alarm output, send email, notify surveillance center, upload to FTP
<b>Deep Learning Function</b>	
Face Capture	[PTZ Channel] Support detecting up to 30 faces at the same time. Support detecting, tracking, capturing, grading, selecting of face in motion, and output the best face picture of the face
People Density	[Panoramic Channel] Support detecting the level of people density in the configured area
<b>General</b>	
Power	36 VDC, max. 150 W
Operating Condition	Temperature: -40°C to 60°C (-40°F to 140°F), Humidity: ≤ 95%
Demist	Yes
Material	ADC12

Dimension	Ø391.8 mm × 400.5 mm (Ø 15.43" × 15.77")
Weight	Approx. 18 kg (39.68 lb.)

## DORI

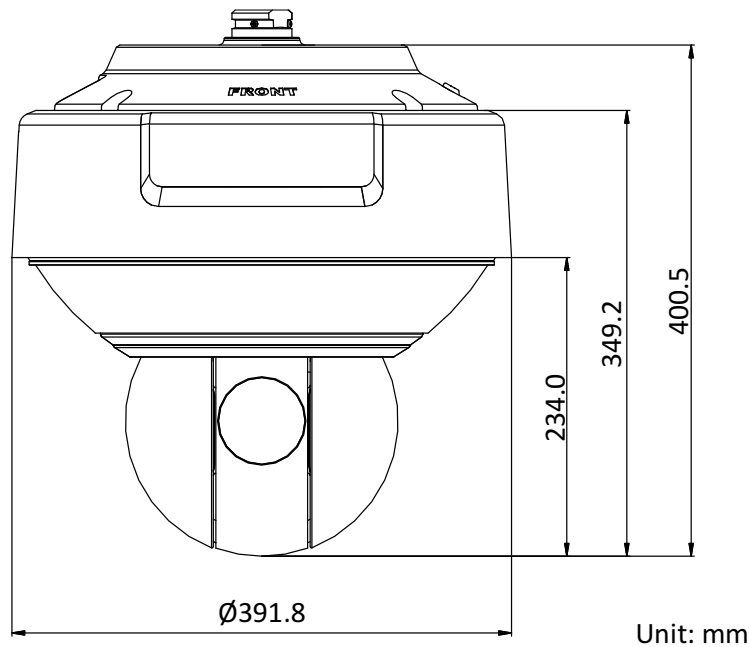
The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	4137.9 m (13575.8 ft)	1642.0 m (5387.1 ft)	827.6 m (2715.2 ft)	413.8 m (1357.6 ft)

## Available Model

DS-2DP3236ZIXS-D/440/T2 (2.8 mm)

## Dimensions



## Accessory

Optional



**DS-1603ZJ-P**  
Wall Mounting Bracket



**DS-1668ZJ-P**  
Pendant Mounting Bracket



**DS-1668ZJ(20)-P**  
Pendant Mounting Bracket



**DS-1603ZJ-Pole-P**  
Vertical Pole Mounting Bracket