



IP-4PT-5DZ32C

TitanSight Ceiling PTZ

4MP 32x Ceiling PTZ Camera

- 1/2.8" 4 MP STARVIS™ CMOS Sensor
- 32× Optical Zoom
- Starlight Technology
- Max. 25/30 fps @ 4MP
- TitanTracking
- Perimeter Protection
- Face Detection



- iMD
- IP66

SPECIFICATION

Camera

Image Sensor	1/2.8" 4Megapixel progressive CMOS
Max. Resolution	2560 (H) × 1440 (V)
Min. Illumination	Color: 0.005 lux@F1.6 B/W: 0.0005 lux@F1.6
Shutter	Electronic 1/1 s-1/30,000 s
S/N Ratio	> 55 dB
Noise Reduction	2D NR, 3D NR
Wide Dynamic Range	120 dB
Day & Night	Auto(ICR)/Color/B/W
Zoom	32x optical
Focal Length	4.8 mm-154 mm
Aperture	F1.6–F4.0
Field of View	Horizontal: 55.8°–2.3°, Vertical: 31.9°–1.3°, Diagonal: 63.7°–2.7°
Close Focus Range	0.33 ft–4.92 ft (0.1 m–1.5 m)
DORI	Detect: 315.94 ft – 10104.33 ft (96.3 m – 3079.8 m) Observe: 125.33 ft – 3991.14 ft (38.2 m – 1216.5 m) Recognize: 63.98 ft – 2019.36 ft (19.5 m – 615.5 m) Identify: 32.15 ft – 1010.50 ft (9.8 m – 308 m)



Control Speed	Manual, Pan: 0.1°–350°/s, Tilt: 0.1°–250°/s
Power-off Memory	Supported

Video

Video Compression	H.265, H.264, MJPEG (Sub Stream 1)
Smart Codec	Supported
Resolution	4M (2560 × 1440), 3M (2304 × 1296), 3M (2048 × 1536), 1080p (1920 × 1080), 960P (1280 × 960), 720p (1280 × 720), VGA (640 × 480)
Video Frame Rate	Main stream: 4M/3M/1080p/1.3M/720p (1–25/30 fps) Sub stream 1: D1/VGA/CIF (1–25/30 fps) Sub stream 2: 1080p/1.3M/720p (1–25/30 fps)
Video Stream	3 streams
Bit Rate Control	CBR, VBR
Video Bit Rate	H.264: 96 Kbps - 14848 Kbps H.265: 38 Kbps - 8960 Kbps
ROI	Supported
Image Rotation	180°
Image Enhancement	BLC, HLC, 3D NR
Defog	Electronic
Image Stabilization	Electronic
Privacy Mask	Supported (24 areas with up to 8 areas in the same view)

PTZ

Range	Tilt: 0° to 90°, auto flip 180°
Pan Speed	Manual Control: 0.1°/s–350°/s Preset: 0.1°/s–500°/s
Tilt Speed	Manual Control: 0.1°/s–250°/s Preset: 0.1°/s–500°/s
Preset	300
Patrol	8 (up to 32 presets per patrol)
Pattern	5
Scan	5
Scheduled Task	Preset, Pattern, Tour, Scan
Preset Freezing	Supported
3D Positioning	Supported

Intelligent Analysis

VCA	Tripwire, intrusion, climbing fences, loitering detection, abandoned/missing object, parking detection, people gathering, vehicle/human alarm classification, linkage tracking
Intelligent Motion Detection	Yes, support alarm triggered by vehicle and human
Face Detection	Supported
AiPick+	Supported
Deep Learning Function	People Counting, video metadata



TitanTracking

Supported

Audio

Audio Compression

PCM, G.711a, G.711Mu

Audio Bitrate

Sampling rate: PCM (8000 Hz; 16000 Hz; 32000 Hz) G.711A (8000 Hz); G.711Mu (8000 Hz)

Event

Basic Event

Motion/Tampering detection, audio detection, network disconnection detection, IP conflict detection, memory card state detection, memory space detection

Alarm Linkage

Capture, recoding, send email, preset, tour, pattern, alarm digital output, audio

Network

Protocol

HTTP, HTTPS, TCP/IP, IPv4, RTSP, SMTP, NTP, DHCP, DNS, DDNS, IPv6, 802.1x, SSL, QoS, FTP, UPnP, SNMP, ARP, RTCP, RTP, PPPoE, RTMP, Bonjour, NFS

Interoperability

ONVIF(Profile S & Profile G & Profile T), CGI, SDK, P2P

Storage

Micro SD card (512 GB), FTP/SFTP, NAS

Web Browser

Chrome 41 and later versions

Firefox 50 and later versions

iOS 10 and later versions



Client

IOS, Android

Interface

Ethernet Interface	RJ-45 (10/100 Base-T)
Alarm I/O	2 input, 1 output
Audio I/O	1 input, 1 output

General

Power	24 V DC/PoE+ (802.3at)
Power Consumption	Max. 15 W
Material	Metal
Dimensions	Φ7.80" × 6.95" (Φ198.2 mm × 176.6 mm)
Operating Conditions	−22 °F to +140 °F (−30 °C to +60 °C)
Protection	IK10
Gross Weight	8.16 lb (3.7 kg)
Net Weight	4.85 lb (2.2 kg)
EMC	FCC, IC
Safety	UL

Dimension

mm [inch]

