IP-8PT-6DZ25A

TitanDeterrent PTZ

8MP 25x TitanDeterrent PTZ Network Camera

(303) 680-6630 | info@titansis.com
99 Inverness Dr. E. Ste#180 Englewood, CO 80112-5122, USA

- Up to 30 fps @ 8MP (3840 * 2160)
- 1/2.8" CMOS image sensor
- 25x optical zoom
- Built-in warm white lights and IR lights, with illumination distance up to 330 ft
- Video Content Analytics with AI-based Line Crossing and Intrusion
- Intelligent Motion Detection focused on Humans and Vehicles
- Face Detection
- Active Deterrence via built-in Red & Blue Lights
- Built-in Micro SD card slot supporting up to 512 GB
- 12 VDC or PoE power supply
- IP66-rated Water & Dust Protection

SPECIFICATION

Camera	
Image Sensor	1/2.8" CMOS
Min. Illumination	0.006 Lux @ F1.6 (Color), 0.0006 Lux @ F1.6(B/W), 0 Lux (IR light on)
E-shutter Speed	Auto/Manual 1/1s~1/30000s
S/N Ratio	> 56 dB
Noise Reduction	3D NR
Wide Dynamic Range	120 dB
Day & Night	Auto (ICR)/Color/B/W
Angle Adjustment	Pan: 0° to 360° endless Tilt: –15° to +90°, auto flip 180°
Zoom	25x optical
Lens Type	Motorized Vari-Focal, 5 mm at F1.6 to 125 mm at F3.6

(303) 680-6630 | info@titansis.com
99 Inverness Dr. E. Ste#180 Englewood, CO 80112-5122, USA

Iris Type	Auto/Manual
Field of View	Horizontal: 53.1°-3.4° Vertical: 30.4°-1.9° Diagonal: 59.3°-3.9°
Close Focus Range	0.33 ft–4.92 ft (0.1 m-1.5 m)
DORI	Detect: 452.52 ft –11313.10 ft (137.9 m – 3448.3 m) Observe: 181.01 ft –4525.24 ft (55.2 m – 1379.3 m) Recognize: 90.50 ft –2262.62 ft (27.6 m – 689.7 m) Identify: 45.25 ft –1131.31 ft (13.8 m – 344.8 m)
Illuminators	2 x IR lights, 2 x Warm white lights
Illumination Range	Up to 330 ft (100.58 m) with IR lights on; Up to 165 ft (50.29 m) with Warm white lights on
Illuminator Control	Zoom Prio, Manual, Auto, Off

Video

Video Compression	H.265, H.264, MJPEG (Sub Stream1 Only)
Smart Codec	Supported
Resolution	8MP (3840 * 2160), 4MP (2560 * 1440), 3MP (2304 * 1296), 3MP (2548 * 1036), 1080p (1920 * 1080), 1.3MP (1280 * 960), 720p (1280 * 720), D1 (704 * 480), VGA (640 * 480), CIF (352 * 240)

Maximum Frame Rate	Main stream: 8MP (3840 * 2160) at 30 fps Sub stream1: D1(704*480) at 30 fps, 720P (1280*720) at 30 fps Sub stream2: Sub steam2: 1080p (1920 * 1080) at 30 fps
Video Stream	3 Streams: Main Stream, Sub Stream1, Sub Stream2
Bit Rate Control	CBR, VBR
Video Bit Rate	H.264: 4096 kbps to 16384 kbps H.265: 1536 kbps to 10240 kbps
ROI	Supported (8 areas)
Image Rotation	0°and 180°
Mirror	Unsupported
Privacy Mask	Supported (8 areas)
Built-in Microphone	Unsupported
Built-in Speaker	Supported
Audio Compression	PCM, G.711a, G.711Mu, AAC

PTZ	
Range	Pan: 0°-360° endless, Tilt: -15° to 90°, auto flip 180°
Pan Speed	Manual Control: 0.1°/s-120°/s
Tilt Speed	Manual Control: 0.1°/s-120°/s Preset: 0.1°/s-240°/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 (Video Content Analytics)	Intrusion, Line Crossing, Crossing Virtual Fence, Abandoned Object, Parking Detection, Missing Object Aggregate Detection, Loitering Detection
iMD	Supported
Face Detection	Supported
AiPick	Not Supported
Deep Learning Function	Not Supported
Auto Tracking	Supported

Event

Alarm Event	Motion Detection, Audio Detection, Video Tampering, Scene Changing, Disk Full, Disk Error, Security Warning, External Alarm, AI Event

Network

Protocol	IPv4, IPv6, DNS, DHCP, TCP, HTTP, HTTPS, 802.1X, RTSP, DDNS, P2P, SMTP, RTMP, PPPoE, UPnP, SNMP, Bonjour, QoS, Auto Registration, ICMP, IGMP, FTP, SFTP, RTP, RTCP, ARP, NTP, NFS
Interoperability	ONVIF (Profile S & Profile G & Profile T), CGI
Storage	FTP, SFTP, Micro SD card (support max. 512 GB), NAS
Web Browser	Chrome, Firefox
Client	PC client: TitanViewer Mobile APP: TitanViewer

Interface

Network port	RJ-45 (10/100 Base-T)
Micro SD card Slot	Yes
Reset Button	Supported
Alarm I/O	2 input / 1 output
Audio I/O	1 input / 1 output

General

Power Supply	12 VDC / PoE+ (802.3at)
Power Consumption	12 VDC: Max 12 W, Typical 8 W
Housing	Cover: Metal, Dome: Plastic
Dimensions	Φ6.3 in*11.04 in (Φ160.0 mm*280.5 mm)
Dimensions with Box	10.51” * 10.51” * 9.33” (267.0 mm * 267.0 mm * 437.0 mm) (L ×W ×H)

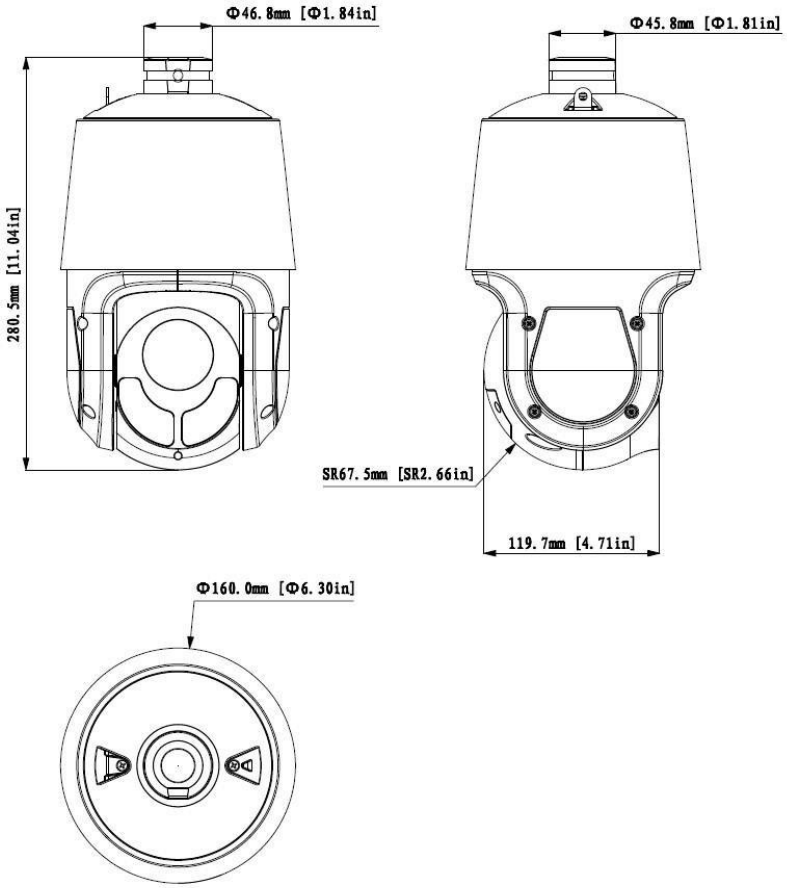
Operating Conditions	-40°F to +140°F (-40°C to +60°C)/less than 95% RH
Storage Conditions	-40°F to +140°F (-40°C to +60°C)
Protection Grade	IP66
Net Weight	6.02 lb (2.72 kg)
Gross Weight	9.90 lb (4.49 kg)
Certification	FCC, IC

Joe will give the correct accessories name

CAJ-B02 Junction Box	CAB-W01 Wall Mount

Dimension

(303) 680-6630 | info@titansis.com
99 Inverness Dr. E. Ste#180 Englewood, CO 80112-5122, USA



ACCESSORIES

A08

Mount Adapter

W02

Wall Mount Bracket

E02

Ceiling Mount Bracket

D01

IP66 Junction Box

J10

P01

C01

R01

(303) 680-6630 | info@titansis.com
99 Inverness Dr. E. Ste#180 Englewood, CO 80112-5122, USA

Junction Box | Pole Mount Bracket | Corner Mount Bracket | Parapet Mount Bracket

(303) 680-6630 | info@titansis.com
99 Inverness Dr. E. Ste#180 Englewood, CO 80112-5122, USA