



IP-4PT-DZ4A

TitanSight Mini PTZ

4MP 4x Mini PTZ Network Camera

- 1/2.8" CMOS Sensor
- 4x Optical Zoom
- Up to 30 fps @ 4M
- Line Crossing & Intrusion (VCA)
- Face Detection
- Up to 100°/s Pan Speed
- Power Supply: 12VDC / PoE



- IP66 & IK10 Rated

SPECIFICATION

Camera

Image Sensor	1/2.8" 4 Megapixel progressive CMOS
Max. Resolution	2560 (H) × 1440 (V)
Shutter	Electronic 1/1 s–1/30,000 s
Min. Illumination	Color: 0.005 lux@F1.6 B/W: 0.0005 Lux@F1.6
Focal Length	2.8 mm–12 mm
Aperture	F1.6–F3.0
Field of View	Horizontal: 90.5°–29.5°, Vertical: 48.5°–16.8°, Diagonal: 105.8°–33.7°
Zoom	4x optical
Close Focus Range	4.92 ft (1.5 m)
DORI	Detect: 184 ft–787 ft (56.1 m–240.0 m) Observe: 74 ft–315 ft (22.6 m–96.0 m) Recognize: 37 ft–158 ft (11.3 m–48.2 m) Identify: 19 ft–79 ft (5.8 m–24.1 m)
Day & Night	Auto (ICR)/Color/B/W
Wide Dynamic Range	120 dB
Noise Reduction	2D NR, 3D NR
S/N Ratio	> 55 dB

Video



Video Compression

H.265+, H.265, H.264+, H.264, H.264B, H.264H, MJPEG (Sub Stream 1)

Video Stream

3 streams

Resolution

4M (2560 × 1440), 3M (2304 × 1296@25 fps), 1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720), D1 (704 × 576), CIF (352 × 288), 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: 720p @ (1–25/30 fps)

Bit Rate Control

CBR, VBR

Video Bit Rate

H.264: 2,816 Kbps–13,056 Kbps
H.265: 1,024 Kbps–7,936 Kbps

Image Enhancement

BLC, HLC, 3D NR

ROI

Supported

Image Stabilization

Electronic

Defog

Electronic

Image Rotation

180°

Privacy Mask

Supported (24 areas with up to 8 areas in the same view)

PTZ

Range

Pan: 0°–355°

Tilt: 0°–90°

Pan Speed

Manual Control: 0.1°/s–100°/s



	Preset: 0.1°/s–100°/s
Tilt Speed	Manual Control: 0.1°/s–60°/s Preset: 0.1°/s–60°/s
Preset	300
Pattern	5
Scheduled Task	Preset, Pattern, Tour
Preset Freezing	Supported
3D Positioning	Supported

Intelligent Analysis

VCA+ (Perimeter Protection)	Intrusion, line crossing
Face Detection	Supported

Event

Alarm Linkage	Capture, recording, send email, preset, tour; pattern, alarm digital input
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Network

Protocol	HTTP, HTTPS, TCP/IP, IPv4, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, IPv6, 802.1x, SSL, QoS, FTP, UPnP, ICMP, SNMP, SNMPv1/v2c/v3(MIB-2), IGMP, ARP, RTCP, RTP, PPPoE, RTMP, Bonjour, NFS
Interoperability	ONVIF (Profile S & Profile G & Profile T), CGI, SDK



Storage	Micro SD card (512 GB), FTP, NAS
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Web Browser	Chrome 41 and later versions Firefox 50 and later versions IE 9 and later versions
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Client	PC client: TitanViewer Mobile App: TitanViewer
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Interface

Ethernet Interface	RJ-45 (10/100 Base-T)
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General

EMC	FCC, IC
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Power	12 VDC / PoE (802.3af)
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Power Consumption	Basic: 2.3 W Max.: 6.1 W
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Operating Conditions	-22 °F to +140 °F (-30 °C to +60 °C)
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Protection	IP66, IK10
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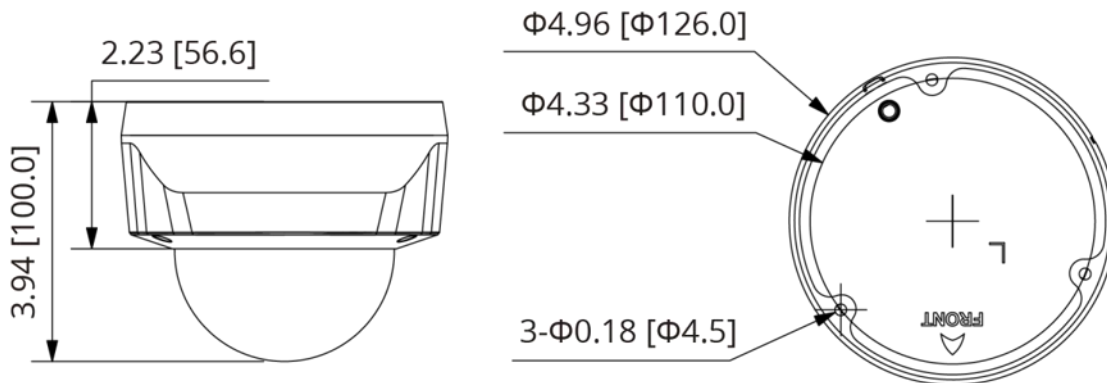
Dimensions	Φ4.80" × 3.50" (Φ122 mm × 89 mm)
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Net Weight	1.49 lb (0.68 kg)
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Gross Weight	1.93 lb (0.88 kg)
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Dimension

inch [mm]



ACCESSORIES



A01

Mount Adapter



B01

Smoke Bubble



W10

Wall Mount Bracket



W01

Wall Mount Bracket



W02

Wall Mount Bracket



E01

Ceiling Mount Bracket



E03

Recess Mount



J02

Junction Box



AC09

Gang Box Adapter



P02

Pole Mount Bracket



P01

Pole Mount Bracket



PIC-C01

Corner Mount Bracket

