IP-4DM-F28-DSA

Standard Level SmartLight

4MP Standard SmartLight Fixed Dome Network Camera

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

- 4MP resolution at up to 20 fps; 1/2.9" CMOS sensor
- Min. illumination: 0.005 Lux (color) / 0.0005 Lux (B/W) @ F1.6
- Built-in dual white lights and IR lights with up to 100 ft illumination range
- AI-powered Video Content Analytics: Line Crossing and Intrusion detection
- Intelligent Motion Detection with Human and Vehicle classification
- Built-in microphone; microSD card slot supports up to 256 GB
- 12V DC and PoE (802.3af) power supply
- IP67 weatherproof and IK10 vandal-resistant

SPECIFICATION

Camera	
Image Sensor	1/2.9" CMOS
Min. Illumination	0.005 Lux @ F1.6 (Color), 0.0005 Lux @ F1.6(B/W)
E-shutter Speed	Auto/Manual 1/3 s–1/100,000 s
S/N Ratio	> 56 dB
Noise Reduction	3D NR
Wide Dynamic Range	120 dB
Day & Night	Auto/Color/B/W
Angle Adjustment	Pan and Rotation: 0°-355° Tilt: 0°-80°
Lens Type	Fixed-focal 2.8m 1.6 m@F
Iris Type	Fixed
Field of View	Horizontal: 95°, Vertical: 52°, Diagonal: 114°

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Close Focus Range	3.61 ft (1.1 m)
DORI	Detect: 208.00 ft (63.4 m) Observe: 82.68 ft (25.2 m) Recognize: 41.0 1ft (12.5 m) Identify: 20.67 ft (6.3 m)
Illuminators	2 x White Lights, 2 x IR Lights
Illumination Range	Up to 100 ft (30.48 m) IR, up to 100 ft (30.48 m) White Light
Illuminator Control	Auto, Manual, Off

Video

Video Compression	H.265; H.264; MJPEG (Sub Stream Only)
Smart Codec	Supported
Resolution	4MP (2688*1520), 4MP (2560*1440), 3MP (2304*1296), 1080p (1920*1080), 1.3MP (1280*960), 720P (1280*720), D1 (704*480), VGA (640*480), CIF (352*240)
Maximum Frame Rate	Main stream: 4MP (2688*1520) at 20fps, 4MP (2560*1440) at 30fps Sub stream: D1 (704*480) at 30fps
Video Stream	2 streams
Bit Rate Control	CBR, VBR
Video Bit Rate	H.264: 32 kbps to 8192 kbps H.265: 12 kbps to 8192 kbps
ROI	Supported (4 areas)
Image Rotation	0°, 90°, 180° and 270° (90° and 270° only for

	2688 × 1520 resolution and lower)
Mirror	Supported
Privacy Mask	Supported (4 areas)

Audio

Built-in MIC	Yes
Audio Compression	PCM, G.711a, G.711M

Intelligent Analysis

VCA (Video Content Analytics)	Intrusion, Line Crossing
iMD	Supported

Event

Alarm Event	Line Crossing, Intrusion, Motion Detection, iMD, Audio Detection, Video Tampering, Disk Full, Disk Error, Voltage Detection, Security Exception

Network

Protocol	IPv4, IPv6, DNS, TCP, UDP, DHCP, HTTP, HTTPS, 802.1X, RTSP, DDNS, P2P, SMTP, RTMP, UPnP, Auto Registration, ICMP, IGMP, FTP, SFTP, RTP, RTCP, ARP, NTP, Multicast, NFS
Interoperability	ONVIF (Profile S & Profile G & Profile T); CGI
Storage	FTP, SFTP, microSD card (support max. 256 GB)

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
Audio I/O	1 x Input, 1 x Output
Alarm I/O	1 x Input (Max. 5 VDC, 5 mA), 1 x Output (Max. 12 VDC, 300 mA)
Reset Button	Supported

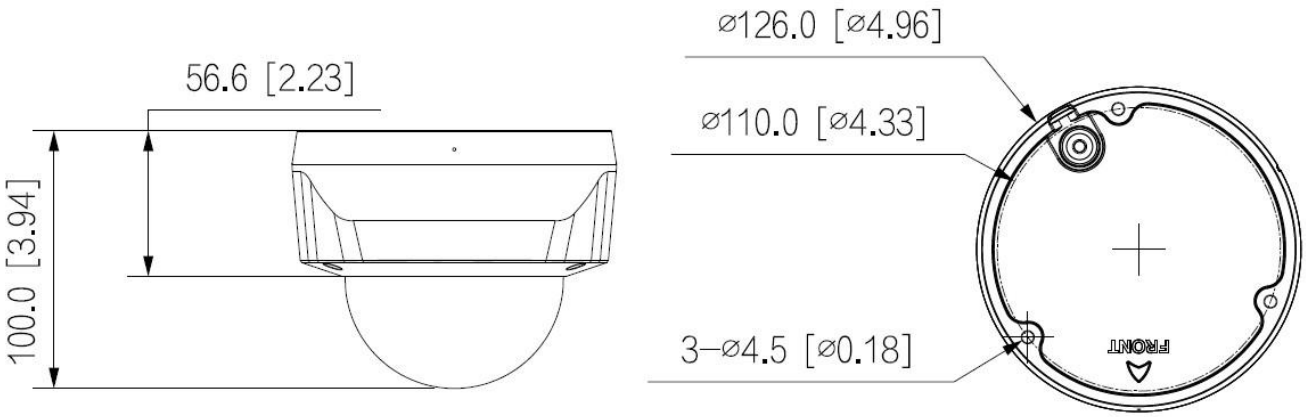
General

Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 6.6 W, Typical 2.4 W / PoE: Max 7.9 W, Typical 3 W
Housing	Metal
Dimensions	Φ4.96" x 3.94" (Φ126.0 mm x 100.0 mm)
Dimensions With Box	5.83''×5.47''×5.39'' (148 mm×139 mm×137 mm) (L*W*H)
Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than 95% RH
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IP67 , IK10
Net Weight	1.2 lb (0.56 kg)

Gross Weight	1.6 lb (0.72 kg)
Certification	FCC, IC

Dimension

mm [inch]



ACCESSORIES

A01

Mount Adapter

B01

Smoke Bubble

W10

Wall Mount Bracket

W01

Wall Mount Bracket

W02

E01

J02

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Wall Mount Bracket

Ceiling Mount Bracket

E03

Recess Mount

Junction Box

AC09

Gang Box Adapter

P02

Pole Mount Bracket

P01

Pole Mount Bracket

PIC-C01

Corner Mount Bracket

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