



IP-6FE-DPA

Professional Level Project

6MP Fisheye Network Camera

- Up to 30 fps @ 6MP (2560 × 2560)
- 1/2.5" CMOS image sensor
- Min. Illumination 0.006 Lux @ F2.0 (Color), 0.0006 Lux @ F2.0 (B/W)
- Built-in IR lights, illumination distance up to 50 ft
- Video Content Analytics with AI-based Line Crossing and Intrusion
- Built-in Dual Microphone & Speaker for Two-way Talk
- Built-in microSD card slot, up to 1 TB
- 12 VDC and PoE power supply
- IP67 Waterproof & Dustproof, IK10



SPECIFICATION

Camera

Image Sensor	1/2.5" CMOS
Min. Illumination	0.006 Lux @ F2.0 (Color), 0.0006 Lux @ F2.0(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
Lens Type	Fixed-focal 1.68 mm @ F2.0
Iris Type	Fixed
Field of View	Horizontal: 185°, Vertical: 185°, Diagonal: 185°
Close Focus Range	0.98 ft (0.3 m)
DORI	Detect: 110 ft (33.5 m) Observe: 45 ft (13.7 m) Recognize: 22 ft (6.7 m) Identify: 11 ft (3.3 m)
Illuminators	3 x IR LEDs
Illumination Range	Up to 50 ft (15 m)
Illuminator Control	Auto, Manual, Off



Video

Video Compression	H.265; H.264; MJPEG (Sub Stream Only)
Smart Codec	Supported
Resolution	6M (2560*2560), 4M (2048*2048), 1.6M (1280*1280), 2M (1440*1440), 1M (1024*1024), (720*720), SVCD (480*480), 2.5M (2560*960), 1.5M (2048*768), 1.3M (1920*720), (1280*480), (640*240), (1280*480), (640*240), VGA (640*480), QVGA (320*240), 3M (2048*1536), 2.7M (1920*1440), XVGA (1024*768), UVGA (1600*1200)
Maximum Frame Rate	Main stream: 6MP (2560*2560) at 30 fps Sub stream: 2MP (1440*1440) at 30 fps Sub stream: 2MP (1440*1440) at 30 fps
Video Stream	3 streams
Bit Rate Control	CBR, VBR, ABR
Video Bit Rate	H.264: 3 kbps to 6144 kbps H.265: 3 kbps to 6144 kbps
ROI	Supported (4 areas)
Image Rotation	0°, 180°
Mirror	Supported
Privacy Mask	Supported (4 areas)

Audio

Built-in MIC	Yes
Built-in SPK	Yes



Audio Compression

PCM, G.711a, G.711Mu

Fisheye

Installation	Ceiling mount; Wall mount; Ground mount
Decoding Mode	Hard Decoding, Soft Decoding
Display Mode	Hard Decoding: 1O; 1P; 2P; 1R; 2R; 4R; 1O+3R 2P/2R: Supports split screen for 2 windows. 4R: Supports split screen for 4 windows. *O: Fisheye original image view; P: Panoramic image view; R: Region image view.

Intelligent Analysis

VCA (Video Content Analytics)	Intrusion, Line Crossing
Heat Map	Supported
People Counting	Supported

Event

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

Protocol	IPv4, IPv6, DNS, TCP, UDP, DHCP, HTTP, HTTPS, 802.1X, RTSP, DDNS, P2P, SMTP,
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RTMP, UPnP, Auto Registration, ICMP, IGMP, FTP, SFTP, RTP, RTCP, ARP, NTP, NFS

Interoperability	ONVIF (Profile S & Profile G & Profile T), CGI
Storage	FTP, SFTP, NAS, Micro SD card (support max. 1 TB)
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
RS-485	1
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

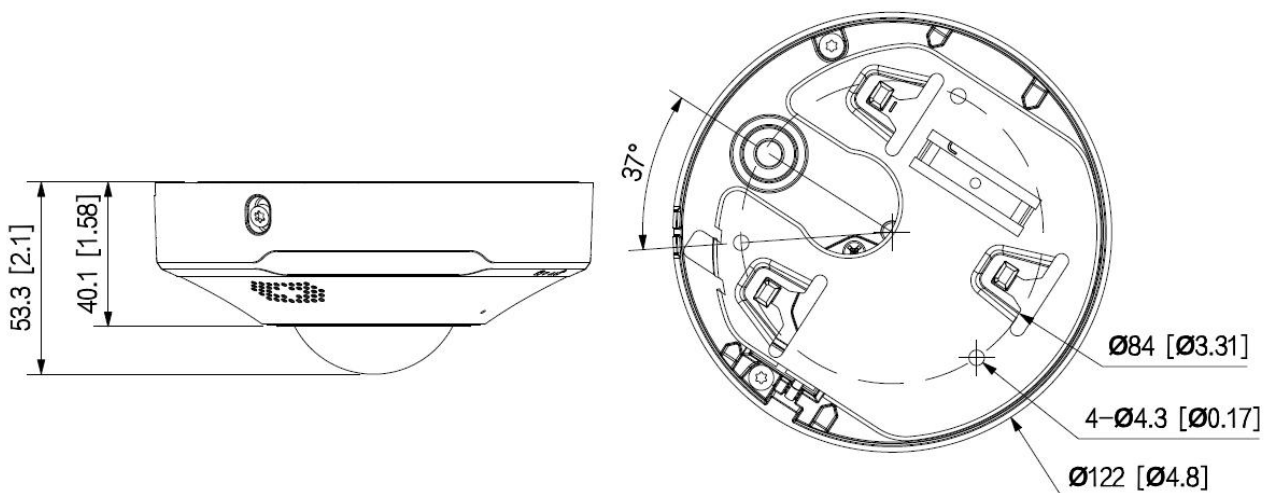
Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 8.1 W, Typical 1.4 W / PoE: Max 10.1 W, Typical 2.6 W
Housing	Metal
Dimensions	Φ4.80" x 2.10" (Φ122.0 mm x 53.3 mm)



Dimensions With Box	6.10"×6.10"×4.02" (155 mm×155 mm×102 mm) (L*W*H)
Operating Conditions	-22°F to +140°F (-30°C to +60°C)/less than 95% RH
Storage Conditions	-22°F to +140°F (-30°C to +60°C)
Protection Grade	IP67, IK10
Net Weight	1.01 lb (0.46 kg)
Gross Weight	1.65 lb (0.75 kg)
Certification	FCC

Dimension

mm [inch]



ACCESSORIES



A01

Adapter Plate



W01

Wall Mount Bracket



E01

Ceiling Mount Bracket



J02

Junction Box



P02

Pole Mount Bracket