



IP-5FE4-MVF-DPA

Professional Level Project

4 x 5MP Project Vari-Focal Multi-
Direction Network Camera



- 4-channel stream output, each channel up to 5MP (2592 × 1944) @ 30 fps
- Four 1/2.7" 5MP CMOS image sensors
- Built-in matrix IR LED, up to 98 ft illumination range
- H.265/H.264 Encoding
- VCA+
- Face Detection
- People Counting
- Consolidates streams from all 4 channels into a single stream
- 3 alarm in, 2 alarm out, 1 audio in, 1 audio out, plus RS485
- Built-in microSD card slot, up to 256 GB
- 12 V DC/PoE+ power supply
- IP67/IK10-rated protection

SPECIFICATION

Camera

Image Sensor	Four 1/2.7" 5 Megapixel progressive CMOS
Min. Illumination	0.005 Lux @ F1.7 (Color, 30 IRE), 0.0005 Lux @ F1.7 (B/W, 30 IRE), 0 Lux with illuminator on
Shutter	Auto/Manual 1/3 s-1/100, 000 s
S/N Ratio	> 56 dB
Noise Reduction	3D NR
Wide Dynamic Range	DWDR
Day & Night	Auto(ICR)/Color/B/W
Angle Adjustment	Pan: 0°-360°, Tilt: 0°-75°, Rotation: 0°-355°
Lens Type	Motorized vari-focal 2.8mm-12mm
Iris Type	Fixed
Field of View	Horizontal:100°-42°, Vertical: 74°-32°,



Diagonal: 133°-53°

Close Focus Range

2.62 ft (0.8 m)

DORI

Detect: 216.54 ft-460.63 ft (66.0 m-140.4 m),
Observe: 86.61 ft-184.06 ft (26.4 m-56.1 m),
Recognize: 43.31 ft-94.49 ft (13.2 m-28.8 m),
Identify: 21.65 ft-45.93 ft (6.6 m-14 m)

Illuminator

8 (IR LED)

Illumination Range

98.43 ft (30 m) (IR)

Illuminator Control

Auto/Manual

Video

Video Compression

H.265, H.264, H.264H, H.264B, MJPEG(only supported by sub stream)

Smart Codec

Supported

Resolution

Single Stream: 5M (2592 × 1944), 4MP (2560 × 1440), 3M (2304 × 1296/2048 × 1536), 1080p (1920 × 1080), 1.3M (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)

Consolidated Stream: 8M (3296 × 2472), 5M (2592 × 1944), UXGA (1600 × 1200), 1080p (1920 × 1080), 1.3M (1280 × 960), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)

Video Frame Rate

Single Stream:

Main stream: 2592 × 1944 @ (1 fps- 30 fps)

Sub stream: 704 × 576 @ (1 fps- 25 fps), 704

	<p>× 480 @ (1 fps- 30 fps)</p> <p>Third stream: 1920 × 1080 @ (1 fps- 30 fps)</p> <p>Merged Stream:</p> <p>Main stream: 1600 × 1200 @ (1 fps- 30 fps)</p> <p>Sub stream: 704 × 576 @ (1 fps- 25 fps), 704 × 480 @ (1 fps- 30 fps)</p> <p>Third stream: 3296 × 2472 @ (1 fps- 30 fps)</p>
Video Stream	3 streams
Bit Rate Control	CBR, VBR
Video Bit Rate	<p>H.264: 32 kbps-17152 kbps;</p> <p>H.265: 12 kbps-10240 kbps</p>
ROI	Supported (4 areas)
Image Rotation	Supported
Mirror	Supported
Privacy Mask	Supported (8 areas)

Event

VCA+	Tripwire, intrusion, fast moving (Support the classification and accurate detection of vehicle and human), loitering detection, people gathering, parking detection
Face Detection	Face detection, face attributes extraction including 6 attributes(gender, age, glasses, expressions, mask, and
People Counting	Tripwire people counting, people counting in area and queue management
Alarm Event	No SD card, SD card full, SD card error,

network disconnection, IP conflict, illegal access, motion detection, video tampering, voltage detection, security exception, tripwire, intrusion, fast moving, abandoned object, missing object, loitering detection, people gathering, parking detection, scene changing, audio detection, external alarm, face detection, people counting in area, stay detection, abnormal number of people detection, people counting, people stay detection

Network

Protocol	IPv4, IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP , RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP; NTP, Multicast, ICMP, IGMP, NFS, PPPoE, 802.1x
Interoperability	ONVIF(Profile S/Profile G/Profile T), API, P2P
Storage	FTP, SFTP, microSD card (support max. 256 G), NAS
Web Browser	IE, Chrome, Firefox
Client	TitanViewer

Interface

RS485	1 channel (baud rate range:1200 bps-115200 bps)
Audio I/O	1 channel (RCA port) in, 1 channel (RCA port) out
Alarm I/O	3 channels in: 5 mA 3 V-5 VDC, 2 channels



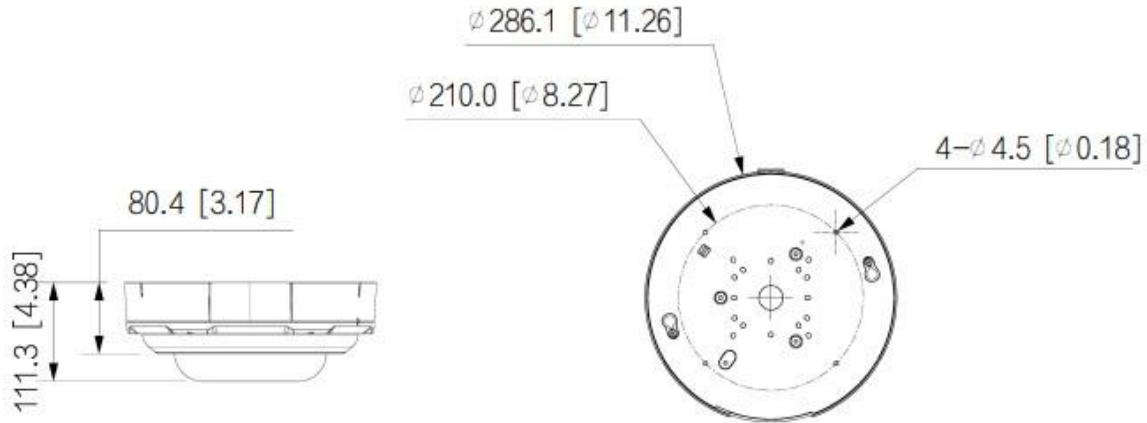
out: 300 mA 12 VDC

Network	RJ-45 (10/100/1000 Base-T)
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General

Power	12 V DC/PoE+ (802.3at), < 24.7 W
Housing	Metal + plastic
Dimensions	4.38 in × Φ11.26 in (111.3 mm × Φ286.1 mm)
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	6.06 lb (2.75 kg)
Gross Weight	9.92 lb (4.5 kg)
Certification	FCC , IC

Dimension



ACCESSORIES



A05 & A08

Adapter



W06

Wall Mount Bracket



E02

Ceiling Mount Bracket



D01

Junction Box



P01

Pole Mount Bracket



C01

Corner Mount
Bracket



R01

Parapet Mount
Bracket