

8MP(4K) Network IR Fixed Dome Camera

FVN-IP 8MP BLK DOME FM



Key Features



Optics

- Day/night functionality
- Smart IR , up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Up to 120dB WDR (Wide Dynamic Range)

Compression

- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- 9:16 corridor format

NSW (HEAD OFFICE)

(02) 9700 1700
nsw@fermaxaus.com.au

SA OFFICE

(08) 7009 4288
sa@fermaxaus.com.au

QLD OFFICE

(07) 5520 2266
qld@fermaxaus.com.au

ACT OFFICE

(02) 6190 1555
act@fermaxaus.com.au

VIC OFFICE

(03) 9314 2220
vic@fermaxaus.com.au

NT OFFICE

(08) 7999 9162
nt@fermaxaus.com.au

WA OFFICE

(08) 9240 2624
wa@fermaxaus.com.au

NZ OFFICE

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nz@fermaxnz.co.nz

Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Specifications

FVN-IP 8MP DOME FM					
Sensor	1/2.5", 8.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.0				
Angle of view (H)	118.1°				
Angle of view (V)	64.0°				
Angle of view (O)	153.5°				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	50.4	20.2	10.1	5.0
	4.0	72	28.8	14.4	7.2
Adjustment Range	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotation: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.05Lux (F2.0, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
WDR	120dB				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; Sub Stream: 1080P (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps				
Video Bit Rate	128 Kbps~16 Mbps				
9:16 Corridor Mode	Supported				
OSD	Up to 8 OSDs				

Privacy Mask	Up to 8 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Dewarping	Support
HLC	Support
BLC	Support
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS
Compatible Integration	ONVIF (Profile S, Profile T), API
Client	FERMVISION Viewer
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Interface	
Network	10M/100M Base-TX Ethernet
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 5.5W
Dimensions (Ø x H)	Ø126 x 94mm (Ø5.0" x 3.7")
Net Weight	0.45kg (0.99lb)
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
surge protection	2KV
Ingress Protection	IP67

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