

FD2002F2-EI

Fixed dome camera 2MP H.265 2.8mm fixed lens

DESCRIPTION

The FD2002F2-EI is a 2-megapixel IP compact fixed dome camera providing clear images in any situation. The wide angle 2.8 mm fixed lens allows for easy setup and ensures sharp and clear images. The camera has a wide range of intelligent video analytics features to detect numerous events. Intelligent video encoding ensures good image quality and low storage costs.

The camera features an extensive set of intelligent VCA to assist the operator detecting any anomalies. This camera additionally features behavior analysis and face detection.

The FD2002F2 features a set of tools to enhance the image quality, such as smart IR, BLC and 3D noise reduction.

FEATURES

1/2.8 ultra-low light CMOS imager

2MP @ 25/30 fps (1920x1080)

Fixed lens (2.8 mm)

Small and compact design

120 dB WDR

Built-in IR illuminator (effective distance: 30 m)

H.265 Low bit rate, low latency

Edge recording

IP67, IK10

ONVIF Profile S and G



Camera	
Image sensor	1/2.8" Ultra-low light CMOS
Lens	Fixed 2.8 mm, F/1.6
Field of view	108
Min. illumination	Color: 0.005 lux, B/W: 0.001 lux, 0 lux with IR (F/1.2)
Day/Night	IR-cut filter with auto switch
Built-in IR illuminator	Working distance up to 30 m Wavelength 850 nm
WDR	120 dB
Shutter speed	1/3 s to 1/100,000 s
Slow shutter	Supported

Video	
Video compression	H.265 MP, H.264 MP/HP, MJPEG
Video bit rate	32 Kbps 16 Mbps
Region of interest	1 region per stream
Max resolution	1920x1080 at 30 fps
Frame rate	25/30 fps
Number of simultaneous streams	3
Image enhancement	3D DNR, Back Light Compensation
Image setting	Rotate mode, saturation, brightness, contrast, sharpness
Day/Night switch	Auto/Scheduled
Privacy mask	Yes
Live view (simultaneous)	6
Video output	1 Vp-p composite output (75 /BNC)

Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SNMP, IGMP
Security	3-level user authentication, 802.1x, Watermark, IP address filtering
API	ONVIF (Profile S, Profile G), Siquira Programming Interface
Communication interface	1x 10/100 Base T/TX (RJ-45)

Intelligent features	
Behavior analysis	Line crossing detection, Intrusion detection, Unattended baggage, Object removal
Face detection	Supported

Storage	
Networked storage	NAS (NFS, SMB/CIFS), ANR
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB

Powering	
Power supply	12 Vdc 25% (Barrel connector), PoE (802.3af class3)
Power consumption	5 W for 12 Vdc; 6.5 W for PoE

Environmental

Specs



Environmental

Ingress protection level	IP67
Impact protection	IK10
Operating temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Relative humidity	+5% to 100%

Housing

Material	Die cast aluminum
Dimensions	diameter111 x 82.4 mm (diameter 4.4"x 3.2")
Weight	500 g (1.1 lbs)
Color	RAL 9003 (signal white)

Ordering information

FD2002F2-EI	Network fixed dome, 2.8 mm fixed lens, 2MP, H.265/MJPEG, IP66, IR
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