

FD639

2MP Fixed Dome Camera

Technical Specifications

Camera Features

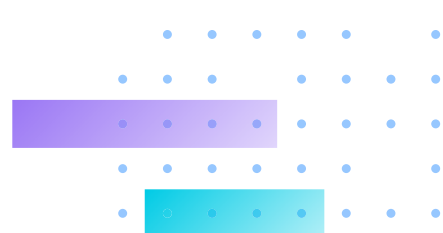
Image sensor	1/3.1" Progressive CMOS
Resolution	"SD:1280 x 720 HD: 1920 x 1080"
Lens Types	Fixed-focal
Focal Length	f = 2.8 mm
Aperture	F2.0
Iris	Fixed iris
Field of View	116° (Horizontal) 65° (Vertical) 140° (Diagonal)
Camera Movement	Pan: ±175° Tilt: -10°~75°
Shutter Speed	1/5 sec. to 1/32,000 sec.
Day/Night	Yes
IR Cut Filter	Yes
IR Range	30 meters
WDR Technology	WDR Enhanced
Minimum Illumination	0.08 lux @ F2.0 (Color) <0.005 lux @ F2.0 (B/W) 0 lux with IR illumination on
Onboard Storage	MicroSD/SDHC/SDXC card slot (Built-in 128GB industrial SDCard)

Standard Video Settings

Frame Rate	15FPS
Video Streaming Settings	HD Video 1920 x 1080@15fps 600Kbps upload SD Video 1280 x 720@15fps 200Kbps upload

Standard Audio Settings

Audio	One-way Audio
Interface	Built-in microphone
Effective Range	5 meters



Power and Network

Power input	IEEE 802.3af Class 0 PoE, DC 12V (Simultaneous Power Redundancy Supported)
Power Consumption	PoE: Max. 6.49W/4W (IR on/off) DC 12V: Max. 5.1W/3.4W (IR on/off)
Connectivity	RJ-45 cable connector for 10/100 Mbps PoE network connection
Protocols	WebRTC, ARP, DHCP, DNS, HTTP, HTTPS, ICMP, IPv4, NTP, RTSP/RTP/RTCP, SSL, TCP/IP, TLS 1.2, UDP
Users	Up to 4 clients *Live viewing for 4 clients *live viewing up to 2 clients and playback 2 clients)
Security	Signed firmware HTTPS/TLS encryption Video encryption
Interface	10 Base-T/100 Base-TX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.

General

Operating Temperature	Starting Temperature: -30°C ~ 50°C (-22°F ~ 122°F) Working Temperature: -30°C ~ 55°C (-22°F ~ 131°F) (IR off) -30°C ~ 50°C (-22°F ~ 122°F) (IR on)
Humidity	95% RH (non-condensing)
Certifications	EMC: CE (EN55032 Class B, EN55035), FCC (FCC Part 15 Subpart B Class B), ICES-003 issue 7, RCM (AS/NZS CISPR 32 Class B), VCCI (VCCI-CISPR 32 Class B); Safety: UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 62471, IEC/EN 60950-22); Environment: IK10 (IEC 62262), IP66 (IEC 60529)
Warranty	120-month
Included Accessories	Quick installation guide, alignment sticker, screw pack, cable gland, dessicant bag

Mechanical

Weight	465g
Dimensions	Ø110x85mm
Body	Plastic upper cover, Metal bottom

AI Analytics

Audio detection	Yes
Tampering detection	Yes
People Analytics	Intrusion detection, Line crossing detection, Loitering detection, Scene Search
Vehicle Analytics	Intrusion detection, Line crossing detection, Loitering detection, Scene Search
Object Analytics	Unattended object detection, Missing object detection