



FE931-EHV

12MP Fisheye Camera



Technical Specifications

Camera Features

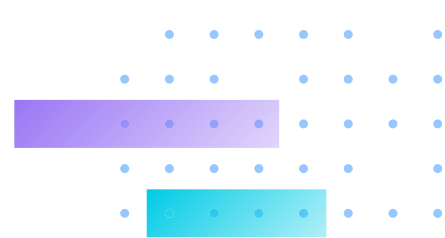
Image sensor	1/2.3" Progressive CMOS
Resolution	SD: 1024 x 1024 HD: 2944x2944
Lens Types	Fixed-focal
Focal Length	f = 1.22mm
Aperture	F2.0
Iris	Fixed iris
Field of View	180° (Horizontal) 180° (Vertical) 180° (Diagonal)
Camera Movement	-
Shutter Speed	1/5 sec. to 1/32,000 sec.
Day/Night	Yes
IR Cut Filter	Yes
IR Range	20 meters
WDR Technology	WDR Pro
Minimum Illumination	0.1 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 512GB industrial SDCard)

Standard Video Settings

Frame Rate	15FPS
Video Streaming Settings	HD Video 2944 x 2944@15fps 3Mbps upload SD Video 1024 x 1024@15fps 300Kbps upload

Standard Audio Settings

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



Power and Network

Power input	IEEE 802.3at PoE Class 4
Power Consumption	Max. 22.5 W/9.55 W (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 6 clients *Live viewing for 6 clients *live viewing up to 4 clients and playback 2 clients)
Security	Secure boot 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: -20°C ~ 50°C (-4°F ~ 122°F) Working Temperature: -40°C ~ 55°C (-40°F ~ 131°F) (IR off) -40°C ~ 50°C (-40°F ~ 122°F) (IR on)
Humidity	90% RH (non-condensing)
Certifications	EMC: CE (EN 55032 Class A, EN 55024), FCC (FCC Part 15 Subpart B Class A), VCCI (VCCI-CISPR 32 Class A); Safety: UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22); Environment: IK10 (IEC 62262), IP66 (IEC 60529), NEMA (NEMA 250 Type 4X)
Warranty	120-month
Included Accessories	Quick installation guide, alignment sticker, screw pack, desiccant bag

Mechanical

Weight	701 g
Dimensions	ø 150 x 68.2 mm
Body	Metal

AI Analytics

Audio detection	Yes
Tampering detection	Yes
People Analytics	Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, Profile Search
Vehicle Analytics	Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, LPR Search
Object Analytics	Unattended object detection, Missing object detection