VORTEX

FE912-H
12MP Recess Fisheye Camera

Technical Specifications

Camera Features

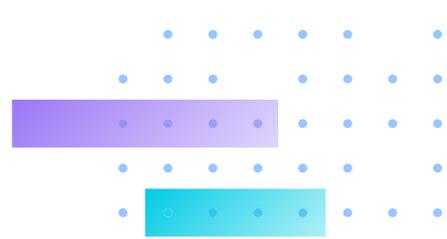|	
Image sensor	1/2.3" Progressive CMOS
Resolution	SD: 1024 x 1024 HD: 2944x2944
Lens Types	Fixed-focal
Focal Length	f = 1.22mm
Aperture	F2.0
Iris	Fixed iris
Field of View	180° (Horizontal) 180° (Vertical) 180° (Diagonal)
Camera Movement	-
Shutter Speed	1/5 sec. to 1/32,000 sec.
Day/Night	Yes
IR Cut Filter	Yes
IR Range	-
WDR Technology	WDR Pro
Minimum Illumination	0.1 lux @ F2.0 (Color) <0.005 lux @ F2.0 (B/W
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 802.3af PoE Class 0
Power Consumption	Max. 9 W
Connectivity	RJ-45 cable connector for 10/100 Mbps PoE network connection
RTSP	WebRTC, ARP, DHCP, DNS, HTTP, HTTPS, ICMP, IPv4, IPv6, NTP, QoS (CoS/DSCP), 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: 0°C ~ 50°C (32°F ~122°F) Working Temperature: -10°C ~ 50°C (14°F ~122°F)
Humidity	90% RH (non-condensing)
Certifications	EMC: CE (EN 55032 Class B, EN 55035, EN 50121-4), FCC (FCC Part 15 Subpart B Class B), 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 60950-22, IEC/EN 62471); Environment: IP54 (IEC 60529)
Warranty	Up to 10 years (Depends on license type)
Included Accessories	Quick installation guide

Mechanical

Weight	353 g
Dimensions	ø 82 x 122 mm
Body	Metal

AI Analytics

Audio detection	Yes
Tampering detection	Yes
Application	Intrusion detection, Line crossing detection, Loitering detection, Unattended object detection, Missing object detection
AI Hub with xPro License	Attribute search, Scene search, Re-search, Profile search, LPR search, Think search, Event insight
Application available with license	Facial recognition