





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 Consumption RNA-65 cables connector for 100/100 Mbps PCE network connection RTSP WebRTC, ARP, DHCP, DNS, HTTP, HTTPS, CMP, IPV4, IPV6, NTP, QoS (CoS/IDSCP), RTSP/RTP/RTCP, SSL, TCP/IP, TLS 1, 2, UPD Users "Security Up to 6 clients and playback 2 clients) Security Security Signed firmware surption Interface "It is highly recommended to use standard CATSe & CATIC cables which are compliant with the 3P/ETL standard. Poperating Starting Temperature: 0°C ~ 5°C (282°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (242°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (242°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (244°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (244°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (244°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (244°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (244°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (244°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (244°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (244°F ~ 122°F) Poperating Starting Temperature: 0°C ~ 5°C (244°F ~ 122°F)	Power input	IEEE 802.3af PoE Class 0
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	Power Consumption	Max. 9 W
Users Purpose Celebrate Suppose Celebrate Suppos	Connectivity	RJ-45 cable connector for 10/100 Mbps PoE network connection
Users **Live viewing pr 6 & clients Security Secure boot Signed firmware Interface Interface 10 Base-17100 Base-17 & Ethernet (RJ-45) Interface **It is highly recommended to use standard CAT56 & CAT6 cables which are compliant with the 3P/ETL standard. Ceneral Operating Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity 90% RH (non-condensing) 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, BR) K SMINZS (SISPR 32 Class B), VCCI (VCCI-CISPR 32 Class B), Safety: UL (UL 62388-1), CB (EC/EN 62388-1), CB (EC/EN 62388-1), EC/EN 62388-1), EC/EN 62388-1, EC/EN 62388-1), EC/EN 62388-1, EC/EN 62388-1) Wearranty 120-month Included Accessories Mechanical Weight 353 g Dimensions 8 82 x 122 mm Body Metal Al Analytics Yes Audio detection Yes People Analytics Intrusion detection, Line crossing detection, Lineiring detection, Altribute Search, Re-Search, Profile Search Vehicle Analytics Intrusion classical, Line crossing detection, Lineiring detection, Altribute Search, Seene Search, Re-Search, LPR Search	RTSP	WebRTC, ARP, DHCP, DNS, HTTP, HTTPS, ICMP, IPv4, IPv6, NTP, QoS (CoS/DSCP), RTSP/RTP/RTCP, SSL, TCP/IP, TLS 1.2, UDP
Security Interface Intrusion detection, Line crossing detection, Lontering detection, Lontering detection, Line crossing detection, Line	Users	*Live viewing for 6 clients
General Operating Starting Temperature: 0°C ~ 50°C (32°F ~122°F) Temperature Working Temperature: -10°C ~ 50°C (32°F ~122°F) Humidity 90% RH (non-condensing) 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/IEN 60950-22, IEC/IEN 62471); Environment: IP54 (IEC 62368-1), CB (IEC/EN 62368-1, IEC/IEN 62368-1), ED (IEC/EN 62	Security	Signed firmware HTTPS/TLS encryption
Operating Temperature Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity 90% RH (non-condensing) Certifications EMC: CE (EN 55032 Class B, EN 55035, EN 50121-4), FOC (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 609529) Warranty 120-month Included Accessories Quick installation guide Mechanical Weight Weight 353 g Dimensions Ø 82 x 122 mm Body Metal Al Analytics Audio detection Yes Tampering detection Yes People Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Re-Search, Profile Search Vehicle Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Re-Search, Re-Search, LPR Search	Interface	
Temperature Working Temperature: -10°C ~ 50°C (14°F ~ 122°F) Humidity 90% RH (non-condensing) EMC: CE (EN 55032 Class B, EN 55035, EN 50121-4), FCC (FCC Part 15 Subpart B Class B), RCM (AS/NZS ClSPR 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 120-month Included Accessories Quick installation guide Mechanical Weight 353 g Dimensions 82 x 122 mm Body Metal Al 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	General	
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 120-month Included Accessories Quick installation guide Mechanical Weight 353 g Dimensions 82 x 122 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, LPR Search Vehicle Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, LPR Search		
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Included Accessories Quick installation guide Mechanical Weight 353 g Dimensions Ø 82 x 122 mm Body Metal Al Analytics Audio detection Tampering detection People Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, LPR Search Vehicle Analytics Quick installation guide Quick installation guide Quick installation guide Atsassing general search Atsassing general search Attribute Search, Scene Search, Re-Search, Profile Search Attribute Search, Scene Search, Re-Search, LPR Search	Certifications	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
Mechanical Weight 353 g Dimensions Ø 82 x 122 mm Body Metal Al Analytics Yes Audio detection Yes Tampering detection Yes People Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Profile Search Vehicle Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, Profile Search	Warranty	120-month
Weight 353 g Dimensions 682 x 122 mm Body Metal Al Analytics Audio detection Yes Tampering detection Yes People Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Re-Search, Profile Search Vehicle Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, Profile Search	Included Accessories	Quick installation guide
Dimensions ### 82 x 122 mm Body ### Metal AI Analytics Audio detection Audio detection Tampering detection Yes People Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Re-Search, Profile Search Vehicle Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, Profile Search Vehicle Analytics Attribute Search, Scene Search, Loitering detection, Loitering detection, Attribute Search, Scene Search, Re-Search, LPR Search	Mechanical	
Body Metal Al Analytics Audio detection Yes Tampering detection Yes People Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Re-Search, Profile Search Vehicle Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, LPR Search	Weight	353 g
Al Analytics Audio detection Yes Tampering detection Yes People Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Re-Search, Profile Search Vehicle 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	Dimensions	ø 82 x 122 mm
Audio detection Tampering detection Yes People Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search Vehicle Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, Profile Search Vehicle Analytics Attribute Search, Scene Search, LPR Search	Body	Metal
Tampering detection Yes People Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Re-Search, Profile Search Vehicle Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Re-Search, Re-Search, Loitering detection, Attribute Search, Scene Search, LPR Search	Al Analytics	
People Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Profile Search Vehicle Analytics Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, LPR Search	Audio detection	Yes
Vehicle Analytics Attribute Search, Scene Search, Re-Search, Profile Search Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, LPR Search	Tampering detection	Yes
Attribute Search, Scene Search, Re-Search, LPR Search	People Analytics	Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, Profile Search
Object Analytics Unattended object detection, Missing object detection	Vehicle Analytics	
	Object Analytics	Unattended object detection, Missing object detection

