



# FE912-H

## 12MP Recess Fisheye Camera

### Technical Specifications

#### Camera Features

|                      |                                                                   |
|----------------------|-------------------------------------------------------------------|
| Image sensor         | 1/2.3" Progressive CMOS                                           |
| Resolution           | SD: 1024 x 1024<br>HD: 2944x2944                                  |
| Lens Types           | Fixed-focal                                                       |
| Focal Length         | f = 1.22mm                                                        |
| Aperture             | F2.0                                                              |
| Iris                 | Fixed iris                                                        |
| Field of View        | 180° (Horizontal)<br>180° (Vertical)<br>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)<br><0.005 lux @ F2.0 (B/W)                 |
| Onboard Storage      | MicroSD/SDHC/SDXC card slot<br>(Built-in 512GB industrial SDCard) |

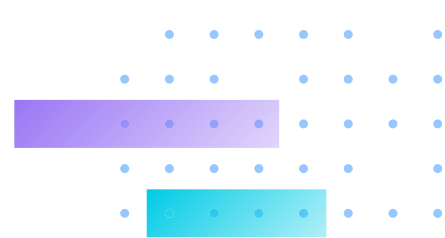
#### Standard Video Settings

|                          |                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------|
| Frame Rate               | 15FPS                                                                                |
| Video Streaming Settings | HD Video 2944 x 2944@15fps 3Mbps upload<br>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<br>*Live viewing for 6 clients<br>*live viewing up to 4 clients and playback 2 clients)                                                                                                                                                         |
| Security                           | Secure boot<br>Signed firmware<br>HTTPS/TLS encryption<br>Video encryption                                                                                                                                                                                      |
| Interface                          | 10 Base-T/100 Base-TX Ethernet (RJ-45)<br>*It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.                                                                                                           |
| <b>General</b>                     |                                                                                                                                                                                                                                                                 |
| Operating Temperature              | Starting Temperature: 0°C ~ 50°C (32°F ~122°F)<br>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                                                                                                                                                                                                                                        |
| <b>Mechanical</b>                  |                                                                                                                                                                                                                                                                 |
| Weight                             | 353 g                                                                                                                                                                                                                                                           |
| Dimensions                         | ø 82 x 122 mm                                                                                                                                                                                                                                                   |
| Body                               | Metal                                                                                                                                                                                                                                                           |
| <b>AI Analytics</b>                |                                                                                                                                                                                                                                                                 |
| Audio detection                    | Yes                                                                                                                                                                                                                                                             |
| Tampering detection                | Yes                                                                                                                                                                                                                                                             |
| Application                        | Intrusion detection, Line crossing detection, Loitering detection,<br>Unattended object detection, Missing object detection                                                                                                                                     |
| AI Hub with xPro License           | Attribute Search, Scene Search, Re-Search, Profile Search, LPR Search                                                                                                                                                                                           |
| Application available with license |                                                                                                                                                                                                                                                                 |

