

MS930-EHV

8MP Panoramic Camera



Technical Specifications

Camera Features

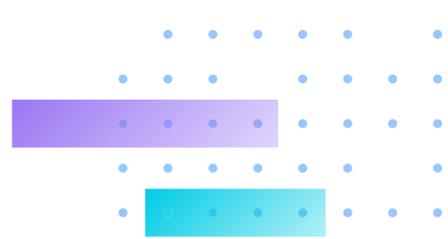
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|----------------------|--|
| Image sensor | 1/2.7" Progressive CMOS |
| Resolution | HD 4864 x 1632 (8MP) SD 2432x 816 |
| Lens Types | Fixed-focal |
| Focal Length | f = 2.8 mm |
| Aperture | F1.2 |
| Iris | Fixed iris |
| Field of View | 180° (Horizontal) 50° (Vertical) 180° (Diagonal) |
| Camera Movement | Tilt: 20° |
| Shutter Speed | 1/30 sec. to 1/32,000 sec. |
| Day/Night | Yes |
| IR Cut Filter | Yes |
| IR Range | 20 meters |
| WDR Technology | WDR Pro |
| Minimum Illumination | 0.018 lux @ F1.2 (Color), 30IRE <0.01 lux @ F1.2 (B/W) 0 lux with IR illumination on |
| Onboard Storage | MicroSD/SDHC/SDXC card slot (Built-in 512GB industrial SDCard) |

Standard Video Settings

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| Frame Rate | 15FPS |
| Video Streaming Settings | HD 4864 x 1632 (8MP)@15fps 3Mbps upload SD 2432x 816@15fps 400Kbps upload |

Standard Audio Settings

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



Power and Network

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|-------------------|---|
| Power input | IEEE 802.3at PoE Class 4 |
| Power Consumption | Max: 20 W / 13.5W (IR on/ IR off) |
| Connectivity | RJ-45 cable connector for 10/100 Mbps PoE network connection |
| Protocols | 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

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| Operating Temperature | Starting Temperature: -30°C ~ 55°C (-22°F ~ 131°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/EN 55035 Class A), UKCA (BS EN 55032/BS EN 55035 Class A), FCC (FCC Part 15 Subpart B Class A), RCM (AS/NZS CISPR 32 Class A), VCCI (VCCI-CISPR 32 Class A), IC (ICES-003 Issue 7, Class A); Safety: UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471), LVD (IEC/EN 62368-1), UKCA (BS EN 62368-1); Environment: IK10 (IEC 62262), IP66(IEC 60529) |
| Warranty | Up to 5 years (Depends on license type) |
| Included Accessories | Quick installation guide, alignment sticker, desiccant bag, screw driver, screws pack, sunshield |

Mechanical

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|------------|--------------------|
| Weight | 1.2 kg |
| Dimensions | 165 x 112 x 119 mm |
| Body | Metal |

AI Analytics

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| 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 | Personal protective equipment, Facial recognition, License plate recognition |