

IT839-H

5MP Fixed Dome Camera

Technical Specifications

Camera Features

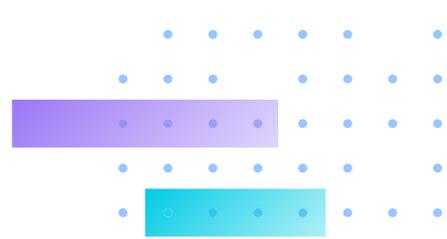
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|----------------------|---|
| Image sensor | 1/2.7" Progressive CMOS |
| Resolution | SD: 1280 x 960 HD: 2560 x 1920 |
| Lens Types | Fixed-focal |
| Focal Length | f = 2.8 mm |
| Aperture | F2.0 |
| Iris | Fixed iris |
| Field of View | 103° (Horizontal) 76° (Vertical) 134° (Diagonal) |
| Camera Movement | Pan 359° Tilt: 75° Rotate 180° |
| Shutter Speed | 1/5 sec. to 1/32,000 sec. |
| Day/Night | Yes |
| IR Cut Filter | Yes |
| IR Range | 30 meters |
| WDR Technology | WDR Pro |
| Minimum Illumination | 0.06 lux @ F2.0 (Color) 0.01 lux @ F2.0 (B/W) 0 lux with IR illumination on |
| Onboard Storage | MicroSD/SDHC/SDXC card slot (Built-in 256GB industrial SDCard) |

Standard Video Settings

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| Frame Rate | 15FPS |
| Video Streaming Settings | HD Video 2560 x 1920@15fps 1.2Mbps upload SD Video 1280 x 960@15fps 300Kbps 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 802.3af PoE Class 0 |
| Power Consumption | Max. 7.4 W (IR on) Max. 6.4 W (IR off) |
| 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

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|-----------------------|---|
| Operating Temperature | Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F) |
| Humidity | 98% RH (non-condensing) |
| Certifications | EMC: CE (EN55032, EN55024 Class A, EN50121-4), FCC (FCC Part 15 Subpart B Class A), RCM (AS/NZS CISPR32 Class A), VCCI (VCCI-CISPR 32 Class A); Safety : UL (UL62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471); Environment: IK08 (IEC 62262), IP66 (IEC 60529) |
| Warranty | Up to 10 years (Depends on license type) |
| Included Accessories | Quick installation guide, alignment sticker, screw pack |

Mechanical

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| Weight | 392 g (w/ mounting bracket) 332 g (w/o mounting bracket) |
| Dimensions | Ø 122 x 99 mm (w/ mounting bracket) Ø 108 x 79 mm (w/o mounting bracket) |
| 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 | Deep search, Scene search, Think search, Event insight |
| Application available with license | - |