

IB833-HV

5MP Bullet Camera



Technical Specifications

Camera Features

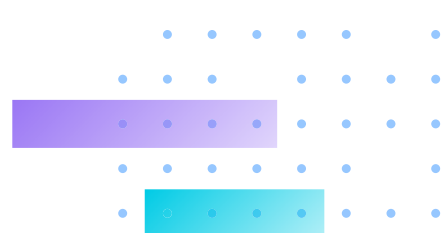
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|----------------------|---|
| Image sensor | 1/2.8" Progressive CMOS |
| Resolution | SD: 1280 x 960 HD: 2560 x 1920 |
| Lens Types | Fixed-focal |
| Focal Length | f = 3.6 mm |
| Aperture | F2.0 |
| Iris | Fixed iris |
| Field of View | 79.6° (Horizontal) 57.8° (Vertical) 105.8° (Diagonal) |
| Camera Movement | Tilt: 90° 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 | 0.055 lux @ F2.0 (Color) 0.005 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 3 |
| Power Consumption | Max. 10.6 W / 6.0 W (IR on/off) |
| Connectivity | RJ-45 cable connector for 10/100 Mbps Network/PoE connection |
| Protocols | WebRTC, ARP, DHCP, DNS, HTTP, HTTPS, ICMP, IPv4, NTP, 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 *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: -30°C ~ 55°C (-22°F ~ 131°F) (IR off) -30°C ~ 50°C (-22°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); BSMI (EMC: CNS 15936, Safety: CNS 15598-1) |
| Warranty | Up to 10 years (Depends on license type) |
| Included Accessories | Quick installation guide, alignment sticker, screw pack, cable gland |

Mechanical

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|------------|-------------------|
| Weight | 925g |
| Dimensions | Ø 91.0 x 226.6 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, Fall detection, Think alert, Facial recognition, License plate recognition |