



IB9387-EH

Bullet Network Camera

5MP 30fps • 2MP 60fps • SNV • WDR Pro • Smart Stream III • Smart IR • 30M IR
• IP66 • IP67 • IK10 • -50°C ~ 60°C

- 30 fps @ 2560x1920
- H.265 Compression Technology
- 3.6 mm, Fixed Focal
- Smart Stream III to Optimize Bandwidth Efficiency
- SNV (Supreme Night Visibility) for Low Light Conditions
- WDR Pro for Unparalleled Visibility in Extremely Bright and Dark Environments
- Built-in IR Illuminators, Effective up to 30 Meters
- Smart IR Technology to Avoid Overexposure
- Smart Motion Detection to Reduce False Alarms
- Trend Micro IoT Security
- Weather-proof IP66, IP67 and Vandal-proof IK10-rated Housing
- -50°C ~ 60°C Wide Temperature Range for Extreme Weather Conditions



Technical Specifications

System Information

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| Model | IB9387-EH |
| CPU | Multimedia SoC (System-on-Chip) |
| Flash | 256MB |
| RAM | 1GB |

Camera Features

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| Image Sensor | 1/2.7" Progressive CMOS |
| Max. Resolution | 2560x1920 (5MP) |
| Lens Type | Fixed-focal |
| Focal Length | f = 3.6 mm |
| Aperture | F2.0 |
| Auto-iris | Fixed-iris |
| Field of View | 76° (Horizontal) 56° (Vertical) 100° (Diagonal) |
| Shutter Time | 1/5 sec. to 1/32,000 sec. |
| WDR Technology | WDR Pro |
| Day/Night | Yes |
| Removable IR-cut Filter | Yes |
| IR Illuminators | Built-in IR illuminators, effective up to 30 meters with Smart IR, IR LED*2 |
| Minimum Illumination | 0.06 Lux @ F2.0 (Color) <0.01 lux, F2.0 (B/W) 0 Lux with IR illumination on |
| Tilt Range | 90° |
| Rotation Range | 180° |
| Pan/Tilt/Zoom Functionalities | ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in) |
| On-board Storage | Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording |

Video

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|--------------------|--|
| Video Compression | H.265, H.264, MJPEG |
| Maximum Frame Rate | 30 fps @ 2560x1920 30 fps @ 2560x1440 60 fps @ 1920x1080 |
| Maximum Streams | 3 simultaneous streams |
| S/N Ratio | 52 dB |
| Dynamic Range | 120 dB |
| Video Streaming | Adjustable resolution, quality and bit rate control, Smart Stream III |
| Image Settings | Time stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; Scheduled profile settings, video rotation, 3DNR, DIS, HLC, defog, deblur, metering |

Audio

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| Audio Capability | Two-way Audio (full duplex) |
| Audio Compression | G.711, G.726 |
| Audio Interface | External microphone input External line output |

Network

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| Users | Live viewing for up to 10 clients |
| Protocols | 802.1X, ARP, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP |
| 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. |

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| ONVIF | Supported, specification available at www.onvif.org |
| Solution Integration | |
| Smart Motion Detection | Five-window video motion detection, human detection, time filter |
| Smart VCA | Intrusion detection, loitering detection, line crossing detection, unattended object detection, missing object detection, face detection *Please access http://license.vivotek.com/ to get the free trial license. |
| VADP Package | Stratocast, Trend Micro IoT Security, Deep Learning VCA (Smart Motion Detection, Smart VCA) |
| Alarm and Event | |
| Alarm Triggers | Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, shock detection, SD card life expectancy, cybersecurity events (brute force attack event, cyberattack event, quarantine event) |
| Alarm Events | Event notification via digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card |
| General | |
| Connectors | RJ-45 cable connector for 10/100Mbps Network/PoE connection Audio input Audio output AC 24V power input (optional) DC 12V power input Digital input*1 Digital output*1 |
| LED Indicator | System power and status indicator |
| Power Input | IEEE 802.3at PoE Class 4 DC 12V AC 24V (optional) (Redundant Power) |
| Power Consumption | PoE: Max. 19.3/8 W (Heater on/off) DC 12V: Max. 15/6 W (Heater on/off) AC 24V: Max. 17.2/7.2 W (Heater on/off) |
| Dimensions | 118 x 118 x 266 mm |
| Weight | 1,142 g |
| Casing | IP66, IP67, IK10 (Metal Housing) |
| Safety Certifications | CE, LVD, FCC Class A, VCCI, C-Tick, UL, EN50121-4 |
| Operating Temperature | Starting Temperature: -40°C ~ 60°C (-40°F ~ 140°F) Working Temperature (IR off): -50°C ~ 60°C (-58°F ~ 140°F) Working Temperature (IR on): -50°C ~ 50°C (-58°F ~ 122°F) |
| Humidity | 90% |
| Warranty | 36 months |
| System Requirements | |
| Operating System | Microsoft Windows 8/7 Mac 10.12 (Chrome only) |
| Web Browser | Chrome 58.0 or above Internet Explorer 10/11 |
| Other Players | VLC: 1.1.11 or above |
| Included Accessories | |
| Others | Quick installation guide, warranty card, screw pack, alignment sticker |

Dimensions

