# IB9387-EHT

Bullet Network Camera

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

- 30 fps @ 2560x1920
- H.265 Compression Technology
- Smart Stream III to Optimize Bandwidth Efficiency
- WDR Pro (120dB) for Unparalleled Visibility in Extremely Bright and Dark Environments
- Built-in IR Illuminators, Effective up to 50 Meters
- Smart IR II 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-EHT |
| 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 | Motorized, Vari-focal, Remote Focus |
| Focal Length | f = 2.7 ~ 13.5 mm |
| Aperture | F1.4 ~ F2.8 |
| Auto-iris | P-iris |
| Field of View | 30° ~ 100° (Horizontal)<br>23° ~ 72° (Vertical)<br>38° ~ 135° (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 50 meters with Smart IR II, IR LED*6 |
| Minimum Illumination | 0.06 Lux @ F1.4 (Color)<br><0.01 Lux @ F1.4 (B/W)<br>0 Lux with IR illumination on |
| Pan Range | 350° |
| 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<br>Seamless Recording |

## Video

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|---|---|
| Video Compression | H.265, H.264, MJPEG |
| Maximum Frame Rate | 30 fps @ 2560x1920<br>30 fps @ 2560x1440<br>60 fps @ 1920x1080 |
| Maximum Streams | 3 simultaneous streams |
| S/N Ratio | 50 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<br>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 |

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|---|---|
| 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. |
| ONVIF | Supported, specification available at www.onvif.org |

## Solution Integration

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|---|---|
| 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<br>*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

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|---|---|
| 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, push notification<br>File upload via email, HTTP, FTP, NAS server, SD card |

## General

| | |
|---|---|
| Connectors | RJ-45 cable connector for 10/100Mpbs Network/PoE connection<br>Audio input<br>Audio output<br>AC 24V power input (optional)<br>DC 12V power input<br>Digital input*1<br>Digital output*1 |
| LED Indicator | System power and status indicator |
| Power Input | IEEE 802.3at PoE Class 4<br>DC 12V<br>AC 24V (optional)<br>(Redundant Power) |
| Power Consumption | PoE: Max. 23.3/12 W (Heater on/off)<br>DC 12V: Max. 19/10 W (Heater on/off)<br>AC 24V: Max. 21.8/11.5 W (Heater on/off) |
| Dimensions | 118 x 118 x 294 mm |
| Weight | 1,254 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)<br>Working Temperature (IR off): -50°C ~ 60°C (-58°F ~ 140°F)<br>Working Temperature (IR on): -50°C ~ 50°C (-58°F ~ 122°F) |
| Humidity | 90% |
| Warranty | 36 months |

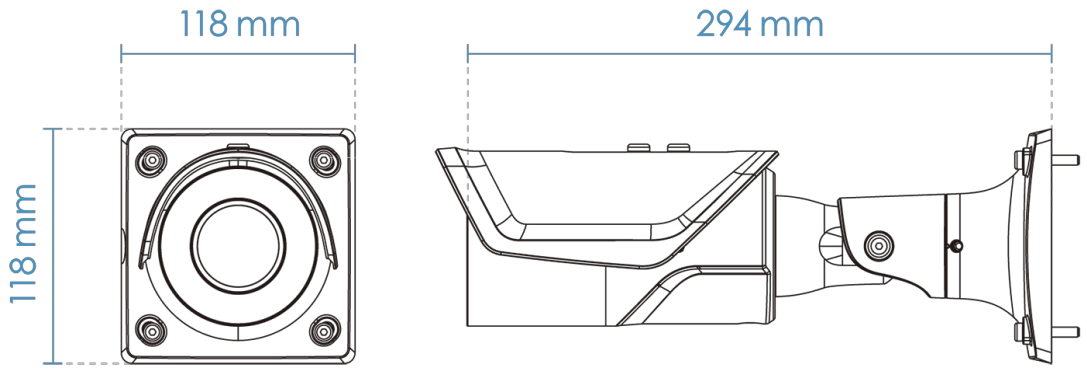
## System Requirements

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|---|---|
| Operating System | Microsoft Windows 8/7<br>Mac 10.12 (Chrome only) |
| Web Browser | Chrome 58.0 or above<br>Internet Explorer 10/11 |
| Other Players | VLC: 1.1.11 or above |

## Included Accessories

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|---|---|
| Others | Quick installation guide, warranty card, screw pack, alignment sticker |

## Dimensions




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