



# IB9387-HT



# IB9387-EHT

## Bullet Network Camera



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

The IB9387-T is a series of outdoor bullet network cameras offering up to 30 fps @ 5-Megapixel or 60 fps @ full HD sensor with superb image quality at all resolutions or frame rates.

The IR illuminators is equipped with 50 meters effective range for better night visibility. For harsh outdoor environment, IB9387 series is encased in IP66, IP67, IK10 housing, making it impervious to rain and dust.

Employing VIVOTEK's Smart Stream III technology and H.265 codec support, the IB9387 Series reduces bandwidth up to 90% while keeping great image quality. Additionally, VIVOTEK VADP (VIVOTEK Application Development Platform) allows users to add customized application for various application and user scenarios.

\* Depending on scenes

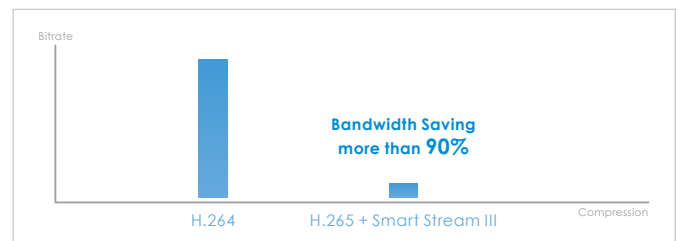
## Key Features

- 30 fps @ 1920x2560
- H.265 Compression Technology
- Smart Stream III to Optimize Bandwidth Efficiency
- WDR Pro (120dB) to Provide Extreme Visibility in Extremely Bright or 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 within Standard Warranty Period
- Weather-proof IP66, IP67 and Vandal-proof IK10-rated Housing
- -50°C ~ 60°C Wide Temperature Range for Extreme Weather Conditions (IB9387-EHT)



Without WDR Pro

With WDR Pro



H.265 + Smart Stream III, Ultra-low Bandwidth

## Technical Specifications

|                               |                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------|
| Model                         | IB9387-HT: Remote focus<br>IB9387-EHT: Remote focus, -50°C ~ 60°C                  |
| <b>System Information</b>     |                                                                                    |
| CPU                           | Multimedia SoC (System-on-Chip)                                                    |
| Flash                         | 256MB                                                                              |
| RAM                           | 1GB                                                                                |
| <b>Camera Features</b>        |                                                                                    |
| Image Sensor                  | 1/2.7" Progressive CMOS                                                            |
| Maximum Resolution            | 2560x1920 (5MP)                                                                    |
| Lens Type                     | 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                                                                                |
| 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)                            |
| IR Illuminators               | Built-in IR illuminators up to 50 meters with Smart IR II, IR LED*6                |
| On-board Storage              | Slot type: MicroSD/SDHC/SDXC card slot<br>Seamless Recording                       |
| <b>Video</b>                  |                                                                                    |
| 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 constant bit rate control, Smart Stream III     |

|                          |                                                                                                                                                                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Settings           | Time stamp, text overlay, flip & mirror;<br>Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; Scheduled profile settings, video rotation, 3DNR, DIS, HLC |
| <b>Audio</b>             |                                                                                                                                                                                                                                                |
| Audio Capability         | Two-way Audio (full duplex)                                                                                                                                                                                                                    |
| Compression              | G.711, G.726                                                                                                                                                                                                                                   |
| Interface                | External microphone input<br>External line output                                                                                                                                                                                              |
| <b>Network</b>           |                                                                                                                                                                                                                                                |
| Users                    | Live viewing for up to 10 clients                                                                                                                                                                                                              |
| Protocols                | IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/ RTP/RTCP, IGMP, CIFS/SMB, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL/TLS                                                                                 |
| 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 <a href="http://www.onvif.org">www.onvif.org</a>                                                                                                                                                         |
| <b>Intelligent Video</b> |                                                                                                                                                                                                                                                |
| Smart Motion Detection   | Five-window video motion detection, human detection, time filter                                                                                                                                                                               |
| VCA                      | Standard VCA (optional)<br>*Including line crossing detection, field detection, loitering detection                                                                                                                                            |
| VADP Package             | Genetec package, Trend Micro IoT Security, Stratocast, Smart Motion Detection                                                                                                                                                                  |
| <b>Alarm and Event</b>   |                                                                                                                                                                                                                                                |
| Alarm Triggers           | Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, MicroSD card life expectancy                                                            |
| Alarm Events             | Event notification using digital output, HTTP, SMTP, FTP, NAS server and MicroSD card<br>File upload via HTTP, SMTP, FTP, NAS server and MicroSD card                                                                                          |
| <b>General</b>           |                                                                                                                                                                                                                                                |
| Connectors               | RJ-45 cable connector for 10/100Mbps 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              | IB9387-HT:<br>IEEE 802.3af PoE Class 0<br>AC 24V (optional)<br>DC 12V<br>(Redundant Power)<br>IB9387-EHT:<br>IEEE 802.3af PoE Class 4<br>AC 24V (optional)<br>DC 12V<br>(Redundant Power)                                                      |

## Technical Specifications

|                       |                                                                                                                                                                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Consumption     | IB9387-HT:<br>PoE: Max. 12 W<br>DC 12V: Max. 10 W<br>AC 24V: Max. 11.5 W<br>IB9387-EHT:<br>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 | IB9387-HT:<br>Starting Temperature:<br>-10°C ~ 60°C (14°F ~ 140°F)<br>Working Temperature:<br>-30°C ~ 60°C (-22°F ~ 140°F)<br>IB9387-EHT:<br>Starting Temperature:<br>-40°C ~ 60°C (-40°F ~ 140°F)<br>Working Temperature:<br>-50°C ~ 60°C (-58°F ~ 140°F) |
| Humidity              | 90%                                                                                                                                                                                                                                                        |
| Warranty              | 36 months                                                                                                                                                                                                                                                  |

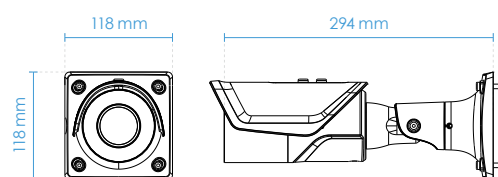
### System Requirements

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Operating System | Microsoft Windows 8/7                                            |
| Web Browser      | Mozilla Firefox 7~43 (streaming only)<br>Internet Explorer 10/11 |
| Other Players    | VLC: 1.1.11 or above<br>QuickTime: 7 or above                    |

### Included Accessories

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

### Dimensions



## Compatible Accessories

### Mounting Kits

|                                                                                                                          |                                                                                                                            |                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|  <p>AM-312<br/>Pole Mount Adapter</p> |  <p>AM-412<br/>Corner Mount Adapter</p> |  <p>AM-719<br/>Junction Box</p> |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|