



IB9387-H



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

The IB9387 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. Featuring VIVOTEK SNV and WDR Pro technology, the IB9387 series is capable of capturing high-quality imagery whether in high contrast or low light environment.

The IR illuminator is equipped with 30-meter effective range for better night visibility. In order to maintain operation even in harsh outdoor environments, the IB9387 series is encased in IP66, IP67, IK10 housing, rendering it impervious to rain and dust.

Employing VIVOTEK's Smart Stream III technology and H.265 compression codec support, the IB9387 series reduces bandwidth by up to 90%* while retaining impressive image quality. Additionally, the VADP (VIVOTEK Application Development Platform) allows users to customize operation to match a range of applications and scenarios.

* Depending on scenes

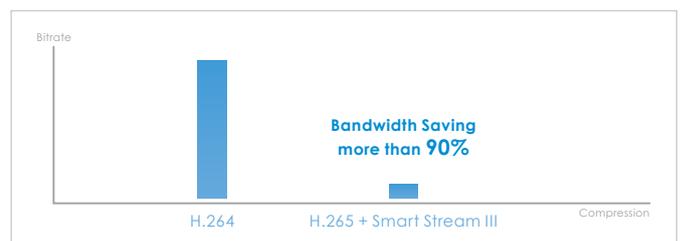
Key Features

- 30 fps @ 1920x2560
- 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 to Provide Extreme Visibility in Extremely Bright or 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 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-EH)



Without WDR Pro

With WDR Pro



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

Technical Specifications

Model	IB9387-H: Fixed-focal IB9387-EH: Fixed-focal, -50°C ~ 60°C
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	256MB
RAM	1GB
Camera Features	
Image Sensor	1/2.7" Progressive CMOS
Maximum 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
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)
IR Illuminators	Built-in IR illuminators up to 30 meters with Smart IR, IR LED*2
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording
Video	
Compression	H.265, H.264, MJPEG
Maximum Frame Rate	30 fps @ 2560x1920 60 fps @ 1920x1080
Maximum Streams	3 simultaneous streams
S/N Ratio	52 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; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; Scheduled profile settings, video rotation, 3DNR, DIS, HLC
Audio	
Audio Capability	Two-way Audio (full duplex)
Compression	G.711, G.726
Interface	External Microphone input External line output
Network	
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) *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
Intelligent Video	
Smart Motion Detection	Five-window video motion detection, human detection, time filter
VCA	Standard VCA (optional) *Including line crossing detection, field detection, loitering detection
VADP Package	Genetec package, Trend Micro IoT Security, Stratocast, Smart Motion Detection
Alarm and Event	
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 File upload via HTTP, SMTP, FTP, NAS server and MicroSD 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	IB9387-H: IEEE 802.3af PoE Class 0 DC 12V AC 24V (optional) (Redundant Power) IB9387-EH: IEEE 802.3at PoE Class 4 DC 12V AC 24V (optional) (Redundant Power)

Technical Specifications

Power Consumption	IB9387-H: PoE: Max. 8 W DC 12V: Max. 6 W AC 24V: Max. 7.2 W IB9387-EH: 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	1,142g
Casing	IP66, IP67, IK10(Metal Housing)
Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL, EN50121-4
Operating Temperature	IB9387-H: Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F) IB9387-EH: Starting Temperature: -40°C ~ 60°C (-40°F ~ 140°F) Working Temperature: -50°C ~ 60°C (-58°F ~ 140°F)
Humidity	90%
Warranty	36 months

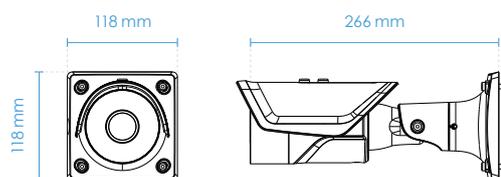
System Requirements

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

Included Accessories

Others	Quick installation guide, warranty card, screw pack, alignment sticker
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Dimensions



Compatible Accessories

Mounting Kits

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