



IB9387-H

IB9387-EH

Bullet Network Camera



5MP 30fps • 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

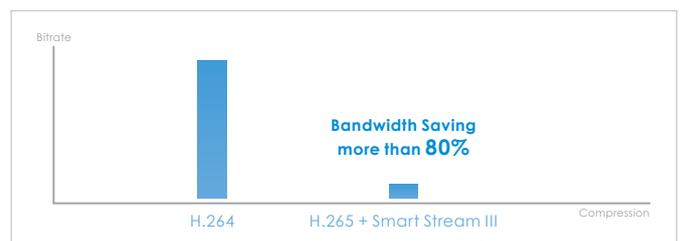
Key Features

- 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

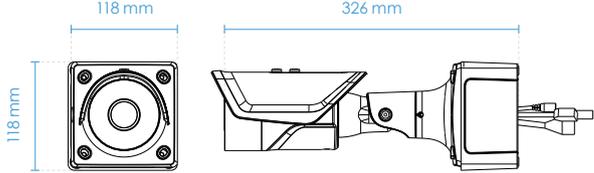


H.265 + Smart Stream III, Ultra-low Bandwidth

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	Line crossing detection, field detection, loitering detection *Available per project request	
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 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 (Redundant Power)	
Power Consumption	PoE : Max. 19.3 W (Heater on) Max. 8 W (Heater off) DC 12V: Max. 15 W (Heater on) Max. 6 W (Heater off)	
Dimensions	118 x 118 x 326 mm (w/ junction box)	
Weight	1,609 g (w/ junction box)	
Casing	IP66, IP67, IK10(Metal Housing)	
Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL, EN50121-4	

Technical Specifications

Operating Temperature	IB9387-H: Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F)	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
	IB9387-EH: Starting Temperature: -40°C ~ 60°C (-40°F ~ 140°F) Working Temperature: -50°C ~ 60°C (-58°F ~ 140°F)		
Humidity	90%	Included Accessories	
Warranty	36 months	Others	Quick installation guide, warranty card, screw pack, alignment sticker, junction box
System Requirements		Dimensions	
Operating System	Microsoft Windows 8/7		
Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11		

Compatible Accessories

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