



V series IB9389-H/EH
V series IB9389-HM/EHM
V series IB9389-HT/EHT
Bullet Network Camera



5MP 30 fps • 2MP 60 fps • H.265 • 30M IR • WDR Pro • SNV • Smart Stream III • IP66 • IK10

VIVOTEK's IB9389 series is a H.265 bullet network camera equipped with a 5-Megapixel sensor, enabling resolution of 2560 x1920 at 30 fps. Featuring VIVOTEK SNV and WDR Pro technology, the IB9389 series is capable of capturing high-quality imagery in both high-contrast and low-light environments.

The IB9389 series offers various lens options for different user scenarios: fixed focus, manual focus, and remote focus lenses. The camera is equipped with IR illuminators with a 30-meter effective range for better night visibility. To provide reliable coverage in harsh outdoor environments, the IB9389 series is encased in IP66 and IK10 housing.

The IB9389 series comes with VIVOTEK's Smart Stream III technology and H.265 codec support. It is capable of reducing bandwidth consumption to 90%* while maintaining supreme image quality. Additionally, VIVOTEK's VADP (VIVOTEK Application Development Platform) allows users to customize applications for the ever-expanding number of user scenarios in the diversified surveillance market.

* Depending on scenes

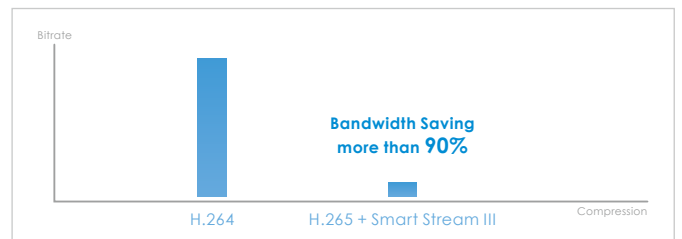
Key Features

- 30 fps @ 2560x1920, 60 fps @ 1920x1080 (WDR Pro on)
- H.265 Compression Technology
- Smart Stream III to Optimize Bandwidth Efficiency
- WDR Pro (120 dB) for Unparalleled Visibility in Extremely Bright and Dark Environments
- SNV (Supreme Night Visibility) for Low Light Conditions
- Built-in IR Illuminators, effective up to 30 Meters
- Smart IR Technology to Avoid Overexposure
- Trend Micro IoT Security within Standard Warranty Period
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing



Without WDR Pro

With WDR Pro



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



Technical Specifications

Model	IB9389-H IB9389-EH IB9389-HM IB9389-EHM IB9389-HT IB9389-EHT	On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording
System Information		Video	
CPU	Multimedia SoC (System-on-Chip)	Compression	H.265, H.264, MJPEG
Flash	128MB	Maximum Frame Rate	30 fps @ 2560x1920 60 fps @ 1920x1080
RAM	512MB	Maximum Streams	3 simultaneous streams
Camera Features		S/N Ratio	IB9389-H/EH: 51 dB IB9389-HM/EHM: 53 dB IB9389-HT/EHT: 55 dB
Image Sensor	1/2.7" Progressive CMOS	Dynamic Range	120 dB
Max. Resolution	2560x1920 (5MP)	Video Streaming	Adjustable resolution, quality and bitrate, Smart Stream III
Lens Type	IB9389-H/EH: Fixed-focal IB9389-HM/EHM: Vari-focal, Manual Focus IB9389-HT/EHT: Motorized, Vari-focal, Remote Focus	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, HLC, defog, 3DNR, DIS, video rotation
Focal Length	IB9389-H/EH: f = 3.6 mm IB9389-HM/EHM: f = 2.8 ~ 12 mm IB9389-HT/EHT: f = 3.7 ~ 7.7 mm	Network	
Aperture	IB9389-H/EH: F2.0 IB9389-HM/EHM: F1.4 ~ F2.8 IB9389-HT/EHT: F1.9 ~ F2.9	Users	Live viewing for up to 10 clients
Iris type	IB9389-H/EH/HT/EHT: Fixed-iris IB9389-HM/EHM: DC-iris	Protocols	802.1X, ARP, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTMP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
Field of View	IB9389-H/EH: 76° (Horizontal) 56° (Vertical) 100° (Diagonal) IB9389-HM/EHM: 30° ~ 81° (Horizontal) 23° ~ 60° (Vertical) 38° ~ 104° (Diagonal) IB9389-HT/EHT: 38° ~ 80° (Horizontal) 29° ~ 60° (Vertical) 48° ~ 101° (Diagonal)	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.
Shutter Time	1/5 sec. to 1/32,000 sec.	ONVIF	Supported, specification available at www.onvif.org
WDR Technology	WDR Pro	Intelligent Video	
Day/Night	Yes	Smart Motion Detection	IB9389-H/EH/HT/EHT: Five-window video motion detection, people detection, time filter
Removable IR-cut filter	Yes	Video Motion Detection	IB9389-HM/EHM: Five-window video motion detection
IR Illuminators	Built-in IR illuminators, effective up to 30 meters with Smart IR	VCA	Standard VCA (optional) *Including line crossing detection, field detection, loitering detection
Minimum Illumination	IB9389-H/EH: 0.06 Lux @ F2.0 (Color) 0.01 Lux @ F2.0 (B/W) 0 Lux with IR illumination on IB9389-HM/EHM: 0.07 Lux @ F1.4 (Color) 0.01 Lux @ F1.4 (B/W) 0 Lux with IR illumination on IB9389-HT/EHT: 0.06 Lux @ F1.9 (Color) 0.01 Lux @ F1.9 (B/W) 0 Lux with IR illumination on	VADP Package	Trend Micro IoT Security, Smart Motion Detection*, Stratocast(support) *Smart Motion Detection is only for IB9389-H/EH, IB9389-HT/EHT.
Tilt Range	90°	Alarm and Event	
Rotation Range	180°	Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, SD card life expectancy, shock detection, cybersecurity events (block brute force attack, block cyber attack, quarantine event)
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)	Alarm Events	Event notification via email, HTTP, SMTP, FTP, NAS server and SD card File upload via email, HTTP, FTP, NAS server, SD card
		General	

Technical Specifications

Connectors	RJ-45 cable connector for Network 10/100 Mbps PoE connection*1
LED Indicator	System power and status indicator
Power Input	IB9389-H/HM/HT: IEEE 802.3af PoE Class 0 IB9389-EH/EHM/EHT: IEEE 802.3at PoE Class 4
Power Consumption	IB9389-H: Max. 8 W (IR on) Max. 5.5 W (IR off) IB9389-EH: Max. 19.2 W (Heater on) Max. 8 W (Heater off) IB9389-HM: Max. 9.5 W (IR on) Max. 5.5 W (IR off) IB9389-EHM: Max. 23.5 W (Heater on) Max. 9.5 W (Heater off) IB9389-HT: Max. 10 W (IR on) Max. 6 W (IR off) IB9389-EHT: Max. 22.1 W (Heater on) Max. 10 W (Heater off)
Dimensions	IB9389-H/EH: $\varnothing 86 \times 299.5$ mm IB9389-HM/EHM: $\varnothing 86 \times 327$ mm IB9389-HT/EHT: $\varnothing 86 \times 303$ mm
Weight	IB9389-H/EH: 1,005 g IB9389-HM/EHM: 1,077 g IB9389-HT/EHT: 999 g
Casing	IP66, IK10(Metal Housing)
Safety Certifications	CE, FCC Class A, UL, LVD, VCCI, C-Tick
Operating Temperature	IB9389-H/HM/HT: Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F) IB9389-EH/EHM/EHT: 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
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System Requirements

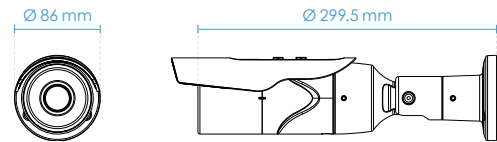
Operating System	Microsoft Windows 8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above

Included Accessories

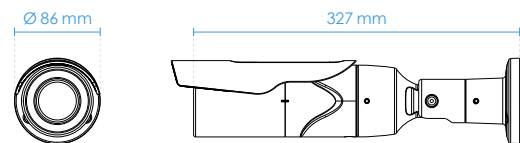
Others	Quick installation guide, alignment sticker, screw pack
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Dimensions

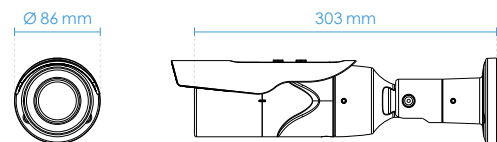
IB9389-H/EH



IB9389-HM/EHM



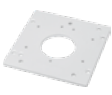



IB9389-HT/EHT



Compatible Accessories

Mounting Kits

 <p>AM-312 Pole Mount Adapter</p>	 <p>AM-412 Corner Mount Adapter</p>	 <p>AM-523 Adapting Plate</p>	 <p>AM-71C Outdoor Junction Box</p>
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Ordering Information

Model	Description	Part Number
IB9389-H	5MP, 30fps, 3.6mm, 30M IR, Smart Stream III, -30°C ~ 60°C	100202000G
IB9389-HM*	5MP, 30fps, 2.8~12mm, 30M IR, Smart Stream III, -30°C ~ 60°C	100202300G
IB9389-HT*	5MP, 30fps, 3.7~7.7mm, 30M IR, Smart Stream III, -30°C ~ 60°C	100202600G
IB9389-EH*	5MP, 30fps, 3.6mm, 30M IR, Smart Stream III, -50°C ~ 60°C	100202200G
IB9389-EHM*	5MP, 30fps, 2.8~12mm, 30M IR, Smart Stream III, -50°C ~ 60°C	100202500G
IB9389-EHT*	5MP, 30fps, 3.7~7.7mm, 30M IR, Smart Stream III, -50°C ~ 60°C	100202800G
IB9389-H (w/ cable)*	5MP, 30fps, 3.6mm, 30M IR, Smart Stream III, -30°C ~ 60°C, w/ cable	100202100G
IB9389-HM (w/ cable)*	5MP, 30fps, 2.8~12mm, 30M IR, Smart Stream III, -30°C ~ 60°C, w/ cable	100202400G
IB9389-HT (w/ cable)*	5MP, 30fps, 3.7~7.7mm, 30M IR, Smart Stream III, -30°C ~ 60°C, w/ cable	100202700G

*The stock levels may vary by region. Please contact your local sales representative for further inquiry.