



IB9391-EHT Bullet Network Camera



8MP 30fps • 2MP 120fps • SNV • WDR Pro •
Smart Stream III • 50M IR • IP67 • IK10 • NEMA 4X

The IB9391-EHT is the new flagship outdoor bullet network camera from VIVOTEK, equipped with a 4K ultra HD sensor capable of 3840x2160 resolution at 30 fps. With the latest in VIVOTEK WDR Pro technology, the IB9391-EHT is capable of capturing the highest quality images in high contrast environments.

Stream III technology and H.265 compression codec, reducing bandwidth more than 90%* while still maintaining excellent image quality. Protecting all these features is the IB9391-EHT's IP66, IP67, IK10 and NEMA 4X certified housing, capable of operating in temperatures from -50°C to 60°C.

The IB9391-EHT also supports standard 1920x1080 HD resolution at 120 frames per second, capable of catching very fast moving objects. Additionally, the IB9391-EHT employs VIVOTEK's Smart

* Depending on the scene

Key Features

- H.265 Compression Technology
- 30 fps @ 3840x2160 (WDR Pro on)
- 120 fps @ 1920x1080 (WDR Pro off)
- Smart Stream III to Optimize Bandwidth Efficiency
- Built-in IR Illuminators, Effective up to 50 Meters
- Smart IR II Technology to Avoid Overexposure
- WDR Pro for Unparalleled Visibility in Extremely Bright and Dark Environments
- SNV (Supreme Night Visibility) for Low Light Conditions
- Weather-proof IP66/IP67, Vandal-proof IK10 and NEMA 4X-rated Housing
- -50°C ~ 60°C Wide Temperature Range for Extreme Weather Conditions (IR Off)
- Trend Micro IoT Security within Standard Warranty Period
- Smart Motion Detection to Reduce False Alarms



2MP Resolution

4K Resolution

Technical Specifications

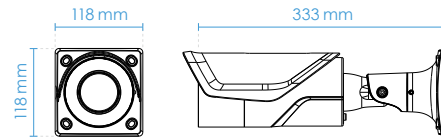
Model	IB9391-EHT	Audio Capability	Two-way Audio
System Information		Compression	G.711, G.726
CPU	Multimedia SoC (System-on-Chip)	Interface	External microphone input External line output
Flash	128MB	Network	
RAM	1GB	Users	Live viewing for up to 10 clients
Camera Features		Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/ RTP/RTCP, IGMP, CIFS/SMB, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS/SSL
Image Sensor	1/2" Progressive CMOS	Interface	10 Base-T/100 Base-TX Ethernet /1000 Base-T (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
Max. Resolution	3840x2160	ONVIF	Supported, specification available at www.onvif.org
Lens Type	Vari-focal, Remote Focus	Intelligent Video	
Focal Length	f = 3.9 ~ 10 mm	Smart Motion Detection	Five-window video motion detection, human detection, time filter
Aperture	F1.5 ~ F2.7	Alarm and Event	
Iris type	P-iris	Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, advanced motion detection, MicroSD card life expectancy
Field of View	45° ~ 95° (Horizontal) 25° ~ 52° (Vertical) 52° ~ 111° (Diagonal)	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
Shutter Time	1/5 sec. to 1/32,000 sec.	General	
WDR Technology	WDR Pro	Connectors	RJ-45 cable connector for Network 10/100/1000 Mbps PoE connection*1 Audio input*1 Audio output*1 DC 12V power input*1 AC 24V power input *1 Digital input*1 Digital output*1
Minimum Illumination	0.02 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on	LED Indicator	System power and status indicator
Day/Night	Removable IR-cut filter for day & night function	Power Input	IEEE 802.3at Class4 PoE AC 24V/DC 12V Power redundancy
Tilt Range	90°	Power Consumption	Max: 25 W
Rotation Range	180°	Dimensions	121 x 121 x 394 mm (w/ junction box) 118 x 118 x 333 mm (w/o junction box)
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)	Weight	2,235 g (w/ junction box) 1,755 g (w/o junction box)
IR Illuminators	Built-in IR Illuminators up to 50 meters with Smart IR II	Casing	IP66, IP67, IK10, NEMA 4X
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording	Safety Certifications	CE, FCC Class A, VCCI, C-tick, UL
Video		Operating Temperature	Starting Temperature: -40°C ~ 60°C (-40°F ~ 140°F) Working Temperature (IR off): -50°C ~ 60°C (-58°F ~ 140°F) Working Temperature (IR on): -50°C ~ 50°C (-58°F ~ 122°F)
Compression	H265, H264, MJPEG	Humidity	90%
Maximum Frame Rate	30 fps @ 3840x2160 (WDR Pro on) 120 fps @ 1920x1080 (WDR Pro off)	Audio	
Maximum Streams	3 simultaneous streams		
S/N Ratio	60.5 dB		
Dynamic Range	120 dB		
Video Streaming	Adjustable resolution, quality and bit rate control, Smart Stream III		
Image Settings	Adjustable image size, quality and bit rate; Time stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24); Scheduled profile settings, defog, 3DNR, video rotation, AE speed, DIS, HLC		

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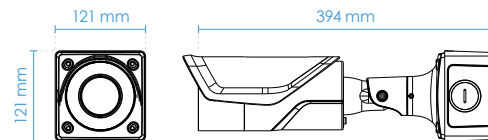
Warranty	36 months
System Requirements	
Operating System	Microsoft Windows 8/7
Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Included Accessories	
Others	Junction box(AM-719), sunshield, waterproof connectors, quick installation guide, warranty card, alignment sticker, desiccant bags

Dimensions

w/o Junction Box



w/ Junction Box



Compatible Accessories

Mounting Kits



AM-719
Junction Box (Standard Package)



AM-312
Pole Mount Adapter



AM-412
Corner Mount Adapter