



# **S** 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
- Smart Motion Detection to Reduce False Alarms



2MP Resolution

4K Resolution

## Technical Specifications

Model	IB9391-EHT	Audio Capability	Two-Way Audio (full duplex)
<b>System Information</b>		Compression	G.711, G.726
CPU	Multimedia SoC (System-on-Chip)	Interface	External microphone input External line output
Flash	128MB	<b>Network</b>	
RAM	1GB	Users	Live viewing for up to 10 clients
<b>Camera Features</b>		Protocols	802.1X, ARP, Bonjour, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
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 <a href="http://www.onvif.org">www.onvif.org</a>
Lens Type	Motorized, Vari-focal, Remote Focus	<b>Solution Integration</b>	
Focal Length	f = 3.9 ~ 10 mm	Smart Motion Detection	Five-window video motion detection, people detection, time filter
Aperture	F1.5 ~ F2.7	Smart VCA	Intrusion detection, loitering detection, line crossing detection, unattended object detection, missing object detection, face detection *Please access <a href="https://license.vivotek.com/">https://license.vivotek.com/</a> to get the free trial license.
Iris type	P-iris	VADP Package	Deep Learning VCA (Smart Motion Detection, Smart VCA), Trend Micro IoT
Field of View	45° ~ 95° (Horizontal) 25° ~ 52° (Vertical) 52° ~ 111° (Diagonal)	<b>Alarm and Event</b>	
Shutter Time	1/5 sec. to 1/32,000 sec.	Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, shock detection, SD card life expectancy, cybersecurity events (brute force attack event, cyberattack event, quarantine event)
WDR Technology	WDR Pro	Alarm Events	Event notification via audio clip, digital output, email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card
Minimum Illumination	0.02 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W) 0 Lux with IR illumination on	<b>General</b>	
Day/Night	Yes	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
Removable IR-cut Filter	Yes	LED Indicator	System power and status indicator
Tilt Range	90°	Power Input	IEEE 802.3at Class4 PoE DC 12V AC 24V Power redundancy
Rotation Range	180°	Power Consumption	PoE : Max. 24.8 W DC 12V: Max. 21 W AC 24V: Max. 23.4 W
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)	<b>Video</b>	
IR Illuminators	Built-in IR Illuminators up to 50 meters with Smart IR II	Compression	H265, H264, MJPEG
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording	Maximum Frame Rate	30 fps @ 3840x2160 (WDR Pro on) 120 fps @ 1920x1080 (WDR Pro off)
<b>Video</b>		Maximum Streams	3 simultaneous streams
Compression	H265, H264, MJPEG	S/N Ratio	60.5 dB
Maximum Frame Rate	30 fps @ 3840x2160 (WDR Pro on) 120 fps @ 1920x1080 (WDR Pro off)	Dynamic Range	120 dB
Maximum Streams	3 simultaneous streams	Video Streaming	Adjustable resolution, quality and bit rate control, Smart Stream III
S/N Ratio	60.5 dB	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; Scheduled profile settings, defog, 3DNR, video rotation, AE speed, DIS, HLC, deblur, metering
Dynamic Range	120 dB	<b>Audio</b>	

## Technical Specifications

Dimensions	121 x 121 x 394 mm (w/ junction box) 118 x 118 x 333 mm (w/o junction box)
Weight	2,235 g (w/ junction box) 1,755 g (w/o junction box)
Casing	IP66, IP67, IK10, NEMA 4X
Safety Certifications	CE, FCC Class A, VCCI, C-tick, UL, BIS
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)
Humidity	90%
Warranty	36 months
<b>System Requirements</b>	
Operating System	Microsoft Windows 8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11

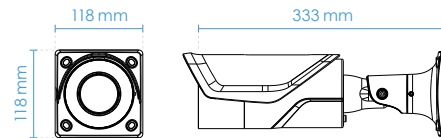
Other Players VLC: 1.1.11 or above

### Included Accessories

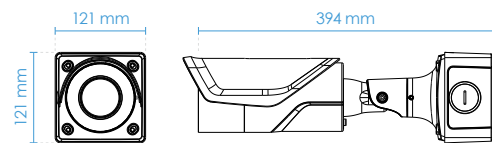
Others Quick installation guide, warranty card, screw pack, alignment sticker, desiccant bag, waterproof accessory bag, junction box, sunshield

### 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

\*For USA and Canada markets, the junction box (AM-719) is not included.