



V series **IB8377-HT**
V series **IB8377-EHT**

Bullet Network Camera



4MP 30fps • SNV • WDR Pro • Smart Stream II •
Smart IR II • 30M IR • IP66 • IP67 • IK10

VIVOTEK's IB8377-(E)HT is a series of outdoor bullet network cameras equipped with a 4MP sensor enabling resolution of 2688x1520 at 30 fps. Featuring VIVOTEK SNV and WDR Pro technology, the IB8377-(E)HT series is capable of capturing high quality images whether in high contrast or low light environments.

Through employing VIVOTEK's Smart Stream II technology, the IB8377-(E)HT series provides great image quality while still maintaining low bandwidth. Additionally, VADP (VIVOTEK Application Development Platform) allows users to add customized applications for various user scenarios.

The IB8377-(E)HT series includes a remote focus lens for different monitoring range demands and is equipped with 30-meter IR illuminators for improved night visibility. For harsh outdoor environments, the IB8377-(E)HT series is encased in an IP66, IP67 and IK10-rated housing, making it impervious to rain and dust.

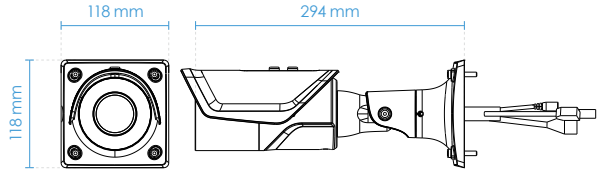
Key Features

- 30 fps @ 2688x1520
- Real-time H.264, MJPEG Compression (Dual Codec)
- 2.8 ~ 12 mm, Remote Focus, P-iris Lens
- Removable IR-cut Filter for Day & Night Function
- IR Illuminators up to 30M with Smart IR II
- SNV (Supreme Night Visibility) for Low Light Conditions
- WDR Pro for Unparalleled Visibility in Extremely Bright and Dark Environments (supports up to 3.6MP, 24 fps @ 2560x1440)
- Smart Stream II to Optimize Bandwidth Efficiency
- 3D Noise Reduction
- Weather-proof IP66, IP67 and Vandal-proof IK10-rated Housing
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage

Technical Specifications

Model	IB8377-HT: Vari-focal, Remote Focus IB8377-EHT: Vari-focal, Remote Focus, -50°C ~ 50°C		
System Information			
CPU	Multimedia SoC (System-on-Chip)		
Flash	128 MB		
RAM	512MB		
Camera Features			
Image Sensor	1/3" Progressive CMS		
Maximum Resolution	2688x1520		
Lens Type	Vari-focal, Remote Focus		
Focal Length	f = 2.8 ~ 12 mm		
Aperture	F1.4 ~ F2.8		
Auto-iris	P-iris		
Field of View	32° ~ 93° (Horizontal) 18° ~ 50° (Vertical) 37° ~ 110° (Diagonal)		
Shutter Time	1/5 sec. to 1/16,000 sec.		
WDR Technology	WDR Pro (supports up to 3.6MP, 24 fps @ 2560x1440)		
Day/Night	Removable IR-cut filter for day & night function		
Minimum Illumination	0.1 Lux @ F1.4 (Color) 0.01 Lux @ F1.4 (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, effective up to 30 meters with Smart IR II, IR LED*5		
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording		
Video			
Compression	H264, MJPEG		
Maximum Frame Rate	30 fps @ 2688x1520 (WDR Pro off) 24 fps @ 2560x1440 (WDR Pro on)		
Maximum Streams	3 simultaneous streams		
S/N Ratio	68 dB		
Dynamic Range	110 dB		
Video Streaming	Adjustable resolution, quality and constant bit rate control; Smart Stream II		
		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, HLC, AE speed, video rotation
		Audio	
		Audio Capability	Two-way audio
		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, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS, NTCIP
		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	
		Video Motion Detection	Five-window video motion detection
		Alarm and Event	
		Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, advanced motion detection, PIR 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 Network/PoE connection Audio input Audio output DC 12V Digital input *1 Digital output *1
		LED Indicator	System power and status indicator
		Power Input	IB8377-HT: DC 12V, IEEE 802.3af PoE Class 0 IB8377-EHT: DC 12V, IEEE 802.3at PoE Class 4
		Power Consumption	IB8377-HT: Max. 12 W IB8377-EHT: Max 24 W
		Dimensions	294 x 118 x 118 mm
		Weight	1,269 g
		Casing	IP66, IP67, IK10 (Metal Housing)
		Safety Certifications	CE, FCC Class A, VCCI, C-Tick, UL

Technical Specifications

Operating Temperature	IB8377-HT: Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -30°C ~ 50°C (-22°F ~ 122°F)	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
	IB8377-EHT Starting Temperature: -40°C ~ 50°C (-40°F ~ 122°F) Working Temperature: -50°C ~ 50°C (-58°F ~ 122°F)		
Humidity	90%	Included Accessories	
Warranty	36 months	Others	Quick installation guide, warranty card, screw pack, alignment sticker
System Requirements		Dimensions	
Operating System	Microsoft Windows 8/7 Mac 10.12(Chrome only)		
Web Browser	Chrom 58.0 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>