

IB8381/81-E

Bullet Network Camera



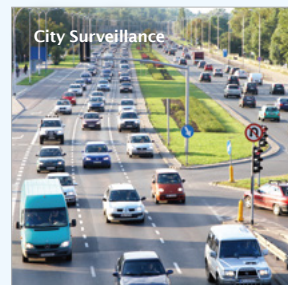
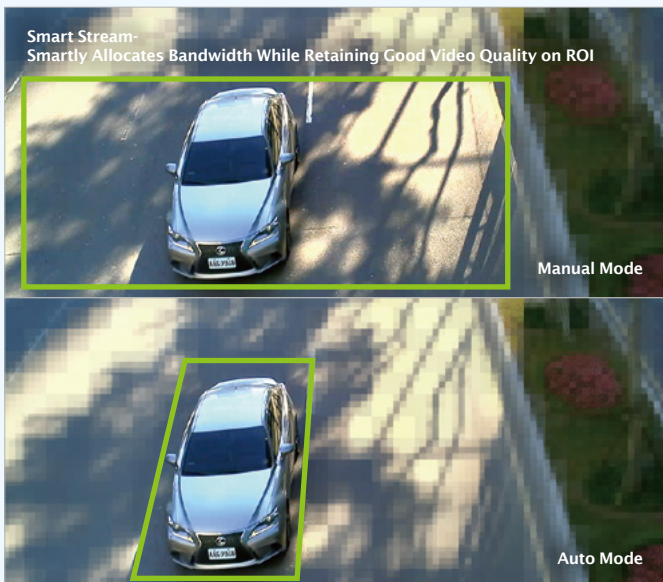
5MP · 30M IR · Smart Focus System · IP67 · Cable Management · Extreme Weather Support with PoE

VIVOTEK IB8381/81-E is a brand-new professional outdoor bullet network camera offering up to 25 fps @ 5-Megapixel or 30 fps @ 1080p resolution with superb image quality. Equipped with new image technology, IB8381/81-E provides the excellent image quality and finer detail than ever before. The powerful 3D Noise Reduction technology and Smart Stream technology enables the IB8381/81-E to optimize resolution on a desired object or area to maximize efficiency of bandwidth usage.

The IP67-rated housing is also designed to ensure the camera body withstands rain and dust and guarantees smooth operation under a multitude of harsh weather conditions. Additionally, the wide operating temperature range further enhances the IB8381-E's performance and reliability in extremely cold and warm weather even with PoE.

Key Features

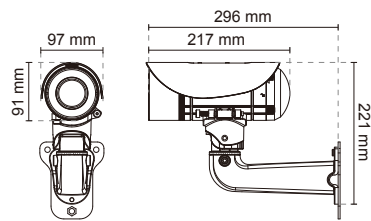
- 5-Megapixel CMOS Sensor
- 25 fps @ 2560x1920 (5MP)
- 3 ~ 9 mm Vari-focal, P-iris, Remote Focus Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Real-time H.264, and MJPEG Compression
- Two-way Audio
- WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark Environments
- Smart Focus System for Remote and Precise Focus Adjustment
- Weather-proof IP67-rated Housing
- Built-in 802.3at Compliant PoE
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage
- Mounting Bracket with Cable Management for Protected Installation
- Extreme Weather Support with PoE (IB8381-E)
- Smart IR Technology to Avoid Overexposure



Technical Specifications

Model	IB8381 IB8381-E	Alarm and Event	
System Information		Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
CPU	Multimedia SoC (System-on-Chip)	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server, SD Card File upload via HTTP, SMTP, FTP, NAS server and SD card
Flash	256 MB	General	
RAM	512 MB	Smart Focus System	Remote focus
Camera Features		Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output AC 24V power input DC 12V power input Digital input*1 Digital output*1 Analog video output
Image Sensor	1/3.2" Progressive CMOS	LED Indicator	System power and status indicator
Maximum Resolution	2560x1920	Power Input	24V AC 12V DC IEEE 802.3at PoE
Lens Type	Vari-focal	Power Consumption	IB8381 Max. 10.86W (DC 12V) Max. 12.13W (AC 24V) Max. 12.36W (PoE) IB8381-E Max. 22.4W (DC 12V) Max. 24.6W (AC 24V) Max. 23.46W (PoE)
Focal Length	f = 3~ 9 mm	Dimensions	Ø: 91 mm x 221 mm
Aperture	F1.2 ~ F2.3	Weight	Net: 1348g
Auto-iris	P-iris	Casing	Weather-proof IP67-rated housing
Field of View	31° ~ 67° (Horizontal) 24° ~ 50° (Vertical) 40° ~ 90° (Diagonal)	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Shutter Time	1/5 sec. to 1/32,000 sec.	Operating Temperature	IB8381: Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F) IB8381-E: Starting Temperature: -40°C ~ 50°C (-40°F ~ 122°F) Working Temperature: -50°C ~ 50°C (-58°F ~ 122°F)
WDR Technology	WDR Enhanced	Warranty	36 months
Day/Night	Removable IR-cut filter for day & night function	System Requirements	
Minimum Illumination	0.22 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W)	Operating System	Microsoft Windows 7/8/Vista/XP/2000
Pan/tilt/zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)	Web Browser	Mozilla Firefox 7~10 (Streaming only) Internet Explorer 7.x, 8.x, 9.x, 10.x, 11.x
IR Illuminators	Built-in IR illuminators, effective up to 30 meters with Smart IR	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
On-board Storage	SD/SDHC/SDXC card slot	Included Accessories	
Video		CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Compression	H.264, MJPEG	Others	Quick installation guide, warranty card, sun shield, wall mount bracket, waterproof RJ45 Ethernet enclosure, alignment sticker / desiccant bag, waterproof connector, screw
Maximum Frame Rate	H.264: 25 fps at 2560x1920 30 fps at 2112x1188 30 fps at 1920x1080 MJPEG: 25 fps at 2560x1920 30 fps at 2112x1188 30 fps at 1920x1080		
Maximum Streams	4 simultaneous streams		
S/N Ratio	Above 53 dB		
Dynamic Range	69 dB		
Video Streaming	Adjustable resolution, quality and bitrate		
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, Seamless recording, smart stream, 3D Noise Reduction		
Audio			
Audio Capability	Audio input/output (full duplex)		
Compression	AAC, G.711, G.726		
Interface	External microphone input Audio output		
Network			
Users	Live viewing for up to 10 clients		
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTMP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP		
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)		
ONVIF	Supported, specification available at www.onvif.org		
Intelligent Video			
Video Motion Detection	Triple-window video motion detection		

Dimensions



Compatible Accessories

Mounting Kits



AM-311
Pole Mount
Adaptor



AM-411
Corner Mount
Adaptor



AM-711
Junction Box

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