

# IB8381/81-E

Bullet Network Camera



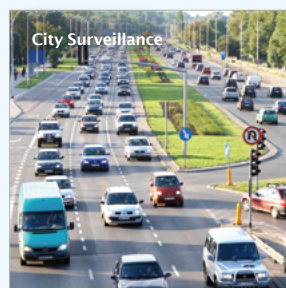
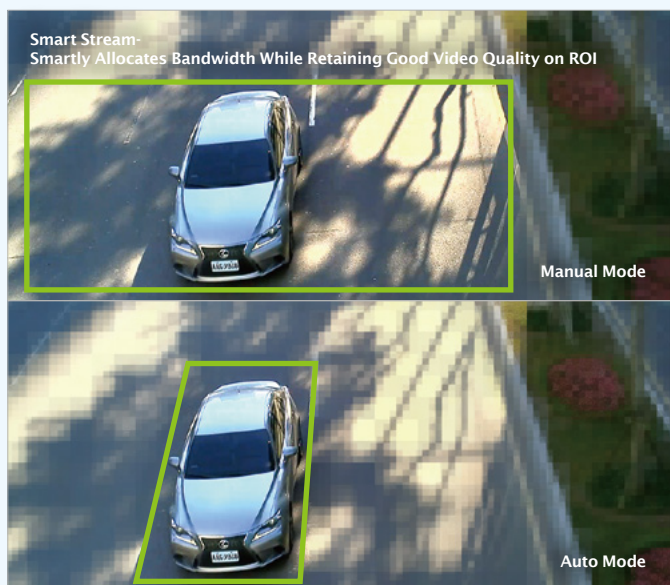
5MP · 30M IR · Smart Focus System · IP67 · Cable Management · Extreme Weather Support with PoE

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

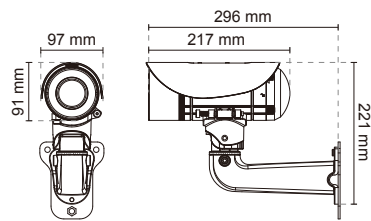
- 5-Megapixel CMOS Sensor
- 25 fps @ 2560x1920 (5MP)
- 3 ~ 9 mm Vari-focal, P-iris, Remote Focus Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Real-time H.264, and MJPEG Compression
- Two-way Audio
- WDR Enhancement for Unparalleled Visibility 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	<b>Alarm and Event</b>	
<b>System Information</b>		<b>Alarm Triggers</b>	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
CPU	Multimedia SoC (System-on-Chip)	<b>Alarm Events</b>	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	<b>General</b>	
RAM	512 MB	<b>Smart Focus System</b>	Remote focus
<b>Camera Features</b>		<b>Connectors</b>	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	<b>LED Indicator</b>	System power and status indicator
Maximum Resolution	2560x1920	<b>Power Input</b>	24V AC 12V DC IEEE 802.3at PoE
Lens Type	Vari-focal	<b>Power Consumption</b>	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	<b>Dimensions</b>	Ø: 91 mm x 221 mm
Aperture	F1.2 ~ F2.3	<b>Weight</b>	Net: 1348g
Auto-iris	P-iris	<b>Casing</b>	Weather-proof IP67-rated housing
Field of View	31° ~ 67° (Horizontal) 24° ~ 50° (Vertical) 40° ~ 90° (Diagonal)	<b>Safety Certifications</b>	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Shutter Time	1/5 sec. to 1/32,000 sec.	<b>Operating Temperature</b>	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	<b>Warranty</b>	36 months
Day/Night	Removable IR-cut filter for day & night function	<b>System Requirements</b>	
Minimum Illumination	0.22 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W)	<b>Operating System</b>	Microsoft Windows 7/8/Vista/XP/2000
Pan/tilt/zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)	<b>Web Browser</b>	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	<b>Other Players</b>	VLC: 1.1.11 or above Quicktime: 7 or above
On-board Storage	SD/SDHC/SDXC card slot	<b>Included Accessories</b>	
<b>Video</b>		<b>CD</b>	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Compression	H.264, MJPEG	<b>Others</b>	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		
<b>Audio</b>			
Audio Capability	Audio input/output (full duplex)		
Compression	AAC, G.711, G.726		
Interface	External microphone input Audio output		
<b>Network</b>			
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		
<b>Intelligent Video</b>			
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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