



IB8168

Ultra-mini Bullet Network Camera

2MP · Full HD · Ultra-Mini Size · Easy Installation

VIVOTEK IB8168 is an ultra-mini bullet network camera, specially designed for indoor applications in which camera appearance is cared, such as luxury stores, antique stores and cloth shops.

The IB8168 is equipped with a 2-megapixel sensor and the ability to output 15 frames per second in H.264 compression. It includes multiple streams with different settings and applications, such as recording or live viewing.

Users can also benefit from simple installation with the compact housing and standard PoE power input design, as well as a MicroSD card slot for local storage use.

Key Features

- 2-Megapixel CMOS Sensor
- 15 fps @ 1920x1080; 30 fps @ 1280x720
- Real-time H.264, MJPEG Compression (Dual Codec)
- Built-in IEEE 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Ultra-mini Size Design
- Flexible Installation Options: Ceiling, Wall and G-bracket Mount
- Easy Installation



Technical Specifications

Model	IB8168-C (Cable Management) IB8168-G (G Bracket)	Intelligent Video	Video Motion Detection	Triple-window video motion detection
System Information		Alarm and Event	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
CPU	Multimedia SoC (System-on-Chip)	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server	
Flash	16MB	General	Connectors	RJ-45 for Network/PoE connection
RAM	256MB	LED Indicator	System power and status indicator	
Camera Features		Power Input	IEEE 802.3af PoE Class 1	
Image Sensor	1/2.7" Progressive CMOS	Power Consumption	Max. 2.3 W	
Maximum Resolution	1920x1080	Dimensions	Ø: 32 mm x 117 mm (w/o bracket)	
Lens Type	Fixed-focal	Weight	Net: 83 g (Body Only) 108 g (IB8168-C) 178 g (IB8168-G)	
Focal Length	f = 3.6 mm	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick	
Aperture	F 1.8	Operating Temperature	Starting Temperature: -10°C ~ 40°C (14°F~ 104°F) Working Temperature: -20°C ~ 40°C (-4°F~ 104°F)	
Field of View	97° (horizontal) 52° (vertical) 113° (diagonal)	Warranty	24 months	
Shutter Time	1/5 sec. to 1/32,000 sec	System Requirements	Operating System	Microsoft Windows 7/Vista/XP/2000
Minimum Illumination	0.58 Lux @ F1.8	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7.x, 8.x, 9.x, 10.x	
On-board Storage	MicroSD/SDHC/SDXC card slot	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above	
Video		Included Accessories	Others	Quick installation guide, warranty card, alignment sticker, ceiling mount bracket, wall-mount bracket
Compression	H.264 & MJPEG	Dimensions		
Maximum Frame Rate	15 fps @ 1920x1080 30 fps @ 1280x720 In both compression			
Maximum Streams	3 simultaneous streams			
S/N Ratio	Above 53 dB			
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving			
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			
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			
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)			
ONVIF	Supported, specification available at www.onvif.org			

Compatible Accessories

PoE Kits



POE-IJ-1748NDN
802.3af Compliant PoE Injector



AW-FED-0500
4-port Unmanaged PoE Switch

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