VIVOTEK

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
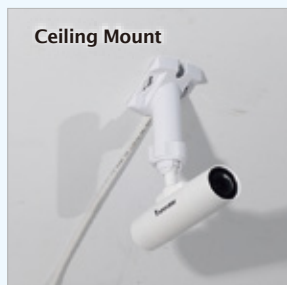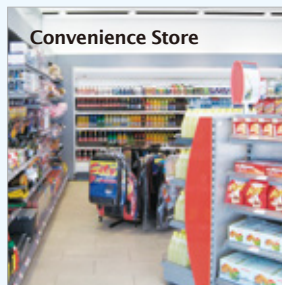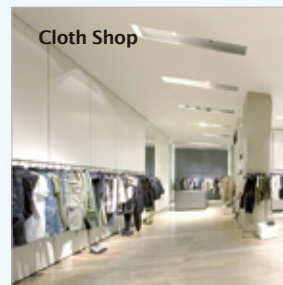- Easy Installation

Ultra-mini Size

G-Bracket Mount

Convenience Store

Cloth Shop

Wall Mount

Ceiling Mount

Fast Food Restaurant

Jewelry Store
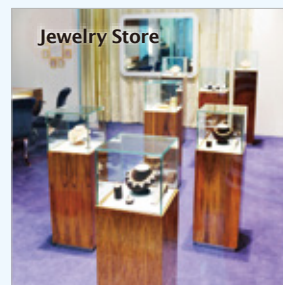
Technical Specifications

Model	IB8168-C (Cable Management)
	IB8168-G (G Bracket)

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	16MB
RAM	256MB

Camera Features

Image Sensor	1/2.7" Progressive CMOS
Maximum Resolution	1920x1080
Lens Type	Fixed-focal
Focal Length	f = 3.6 mm
Aperture	F 1.8
Field of View	97˚ (horizontal)
	52˚ (vertical)
	113˚ (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec
Minimum Illumination	0.58 Lux @ F1.8
On-board Storage	MicroSD/SDHC/SDXC card slot

Video

Compression	H.264 & MJPEG
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

Intelligent Video

Video Motion Detection	Triple-window video motion detection

Alarm and Event

Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server
	File upload via HTTP, SMTP, FTP and NAS server

General

Connectors	RJ-45 for Network/PoE connection
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 1
Power Consumption	Max. 2.3 W
Dimensions	Ø: 32 mm x 117 mm (w/o bracket)
Weight	Net: 83 g (Body Only)
	108 g (IB8168-C)
	178 g (IB8168-G)
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Operating Temperature	Starting Temperature: -10˚C ~ 40˚C (14˚F~ 104˚F)
	Working Temperature: -20˚C ~ 40˚C (-4˚F~ 104˚F)
Warranty	24 months

System Requirements

Operating System	Microsoft Windows 7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~10 (streaming only)
	Internet Explorer 7.x ,8.x, 9.x, 10.x
Other Players	VLC: 1.1.11 or above
	QuickTime: 7 or above

Included Accessories

Others	Quick installation guide, warranty card, alignment sticker, ceiling mount bracket, wall-mount bracket

Dimensions

· IB8168-C

50 mm 117 mm
115 mm

· IB8168-G

32 mm 117 mm
76 mm
153 mm

Compatible Accessories

PoE Kits

POE-IJ-1748NDN
802.3af Compliant PoE Injector

AW-FED-0500
4-port Unmanaged PoE Switch

Distributed by:

Ver 1.3