VIVOTEK

3 year warranty
VIVOTEK
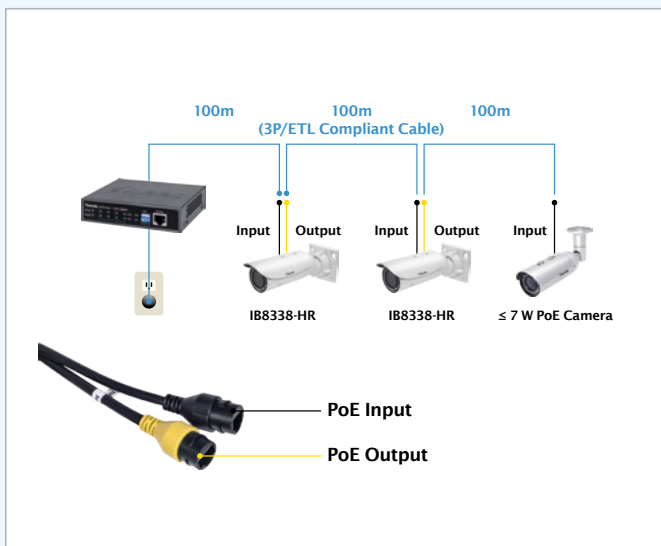
IB8338-H/38-HR
Bullet Network Camera

1MP · 30M IR · IP66 · Smart Stream · WDR Pro · Embedded PoE Extender

The VIVOTEK IB8338-H/38-HR is a sleek, bullet-style network camera designed for diverse outdoor applications. Equipped with a 1MP sensor enabling a viewing resolution of 720P at a smooth 30 fps, the IB8338-H/38-HR is an all-in-one outdoor camera capable of capturing crystal clear images, even in high-contrast lighting conditions. The IB8338-H/38-HR is also equipped with VIVOTEK Smart Stream and 3DNR to save substantial bandwidth for our users.

To suit various outdoor applications and ease cable deployment, the IB8338-HR is the first network camera in the surveillance market designed with an embedded extender to allow PoE input and PoE output. With the IB8338-HR, users can implement a total PoE solution simply and quickly.

Key Features

· 1-Megapixel CMOS Sensor
· 30 fps @ 1280x800
· 2.8 ~ 12 mm Vari-focal, P-iris 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 Pro for Clear Visibility in Extremely Bright and Dark Environments
· Weather-proof IP66-rated Housing
· 3D Noise Reduction
· Embedded PoE Extender Design to Support Both PoE Input & Output (IB8338-HR)

100m   100m   100m
(3P/ETL Compliant Cable)

Input   Output   Input   Output   Input

IB8338-HR   IB8338-HR   ≤ 7 W PoE Camera

PoE Input

PoE Output

Embedded PoE Extender

Crossroad

Parking Lot

Outdoor Sidewalk

Factory

Technical Specifications

Model	IB8338-H IB8338-HR (with built-in PoE Extender)

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	256MB

Camera Features

Image Sensor	1/3" Progressive CMOS
Maximum Resolution	1280x800
Lens Type	Vari-focal, Manual Focus
Focal Length	f = 2.8 ~ 12 mm
Aperture	F1.8 ~ F2.85
Auto-iris	P-Iris
Field of View	33˚ ~ 87˚ (Horizontal) 21˚ ~ 54˚ (Vertical) 39˚ ~ 110˚ (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.27 Lux @ F1.8 (Color) 0.001 Lux @ F1.8 (B/W)
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 IR LED*6
On-board Storage	SD/SDHC/SDXC card slot

Video

Compression	H.264, MJPEG
Maximum Frame Rate	H.264: 30 fps @ 1280x800 MJPEG: 30 fps @ 1280x800
Maximum Streams	3 simultaneous streams
S/N Ratio	Above 61 dB
Dynamic Range	110 dB
Video Streaming	Adjustable resolution, quality and bitrate
Image Settings	Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, Scheduled profile settings, 3D noise reduction, seamless recording

Audio

Audio Capability	Audio input/output (full duplex)
Compression	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/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X
Interface	10Base-T/100 BaseTX 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	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, audio 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 cable connector for Network/PoE connection RJ-45 cable connector for PoE output (IB8338-HR) Audio input Audio output DC 12V power input (IB8338-H) Digital input*1 Digital output*1
LED Indicator	System power and status indicator
Power Input	IB8338-H IEEE 802.3af PoE DC 12V IB8338-HR IEEE 802.3at, UPoE
Power Consumption	IB8338-H PoE: Max. 9.7W DC12V: Max. 9.96 W IB8338-HR PoE: Max. 10W
Dimensions	Ø: 82 x 283 mm
Weight	Net: 920g (IB8338-H) Net: 985g (IB8338-HR)
Casing	Weather-proof IP66-rated housing
Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Operating Temperature	Starting Temperature: -10˚C ~ 50˚C (14˚F~ 122˚F) Working Temperature: -20˚C ~ 50˚C (-4˚F~ 122˚F)
Warranty	36 months

System Requirements

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

Included Accessories

CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Others	Quick installation guide, warranty card, sun shield, wall mount bracket, alignment sticker

Dimensions

116 mm   Ø82 mm   283 mm   116 mm
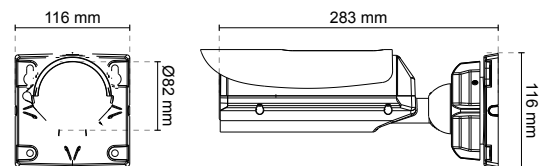
Compatible Accessories

Mounting Kits

AM-311
Pole Mount Adaptor

AM-411
Corner Mount Adaptor

AM-711
Junction Box

Distributed by:

Ver. 5

WWW.VIVOTEK.COM

VIVOTEK INC.
6F, No.192, Lien-Cheng Rd., Chung-Ho, New Taipei City, 235, Taiwan, R.O.C.
T: +886-2-82455282 F: +886-2-82455532
E: sales@vivotek.com

VIVOTEK USA
2050 Ringwood Avenue, San Jose, CA 95131
T: 408-773-8686 F: 408-773-8298
E: salesusa@vivotek.com

VIVOTEK Europe
Randstad 22-133, 1316BW Almere, The Netherlands
T: +31(0)36-5298-434
E: saleseurope@vivotek.com