



Bullet Network Camera IP8355EH



1.3MP • WDR Pro II • 30M IR • Smart IR •
3DNR • Smart Focus System • IP67

VIVOTEK IP8355EH is a professional outdoor bullet network camera offering 30 fps @ 1.3-Megapixel resolution with superb image quality.

Featuring the new improved Wide Dynamic Range Technology WDR Pro II, it provides extreme visibility in extremely dark & light environments with 4-shutter capture method. Combined with 3D Noise Reduction Technology, which enables the IP8355EH to capture clear, polished video under low-light conditions and reduce bandwidth from sensor noise, users can identify an increased level of image detail in extremely bright as well as dark environments.

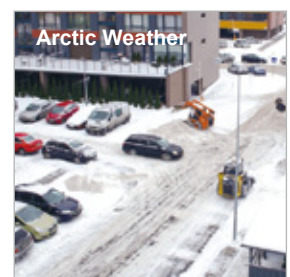
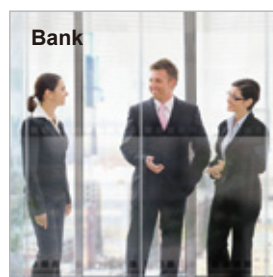
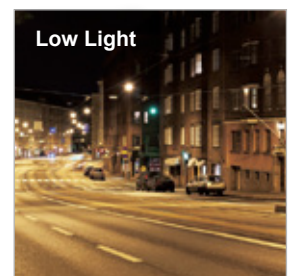
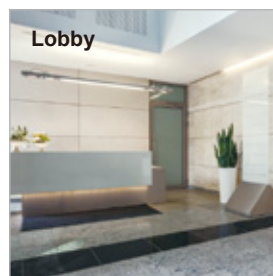
Additionally, as a professional day/night camera, IP8355EH adopts Smart IR technology which prevents overexposure and provides noise reduction to adjust IR lighting intensity instantaneously based on the changes of light in the ambient environment.

To provide top-notch image quality, IP8355EH also comes with a P-iris lens, which controls the iris with extreme precision with its built-in stepper motor. By using software controls, the lens maintains the iris opening at an optimal level at all times, resulting in superior sharpness and depth of field as well as image quality. Furthermore, for installers, properly adjusting the focus of a megapixel network camera can be difficult due to the level of image detail. Therefore, IP8355EH is also designed with VIVOTEK's Smart Focus System to make installation and adjustment easier by using remote focus and zoom adjustment.

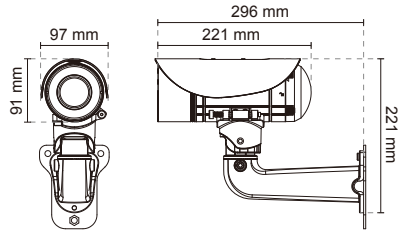
The camera's IP67-rated housing is designed to protect the camera body from being immersed in the water, even against the immersion at the depth of at least 1m. Additionally, the wide temperature range further enhances the IP8355EH performance and reliability in extremely cold and hot weather.

Features

- 1.3-Megapixel CMOS Sensor
- 30 fps @ 1280x1024
- Motorized P-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Smart IR Technology to Avoid Overexposure
- 3D Noise Reduction for Low-light Conditions
- WDR Pro II (140dB) to Provide Extreme Visibility in Extremely Bright or Dark Environments
- Smart Focus System for Remote and Precise Focus Adjustment
- Two-way Audio
- Weather-proof IP67-rated Housing



Technical Specifications

Model	IP8355EH	Intelligent Video	Video Motion Detection	Triple-window video motion detection
System Information		Alarm and Event	Alarm Triggers	
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	256 MB	General		
RAM	384MB	Smart Focus System	Remote focus	
Camera Features		Connectors	RJ-45 for Network/PoE connection Audio input/output AV output AC 24V power input DC 12V power input Digital input*1 Digital output*1	
Image Sensor	1/3" Progressive CMOS	LED Indicator	System power and status indicator	
Maximum Resolution	1280x1024 (1.3MP)	Power Input	DC12V/AC24V IEEE 802.3af PoE	
Lens Type	Vari-focal, Remote Focus	Power Consumption	DC Max30W (Heater on) 8W (Heater off) AC Max. 30W (Heater on) 8.8W (Heater off) PoE Max. 11W	
Focal Length	f = 3 ~ 9 mm	Dimensions	Ø: 85mm x 219mm	
Aperture	F1.2 ~ F2.3	Weight	Net: 1,314g (Body only) Net: 1,911g (with stand and sunshield)	
Auto-iris	P-iris	Casing	Weather-proof IP67-rated housing	
Field of View	34° ~ 80° (Horizontal) 27° ~ 62° (Vertical) 44° ~ 101° (Diagonal)	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL	
Shutter Time	1/5 sec. to 1/10,000 sec.	Operating Temperature	Starting Temperature: -40°C ~ 50°C (-40°F ~ 122°F) (PoE: -10°C ~ 50°C) Working Temperature: -50°C ~ 50°C (-58°F ~ 122°F)	
WDR Technology	WDR Pro II	Warranty	24 months	
Day/Night	Removable IR-cut filter for day & night function Smart IR Technology to avoid overexposure	System Requirements		
Minimum Illumination	0.07 Lux @ F1.2, 50 IRE (Color) 0.001 Lux @ F1.2, 50 IRE (B/W)	Operating System	Microsoft Windows 8/7/Vista/XP/2000	
Pan/tilt/zoom	ePTZ:	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10	
Functionalities	48x digital zoom (4x on IE plug-in, 12x built in)	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above	
IR Illuminators	Built-in IR illuminators, effective up to 30 meters IR LED*4, with Smart IR Technology	Included Accessories		
On-board Storage	SD/SDHC/SDXC card slot	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software	
Video		Others	Quick installation guide, warranty card, sun shield, wall mount bracket, waterproof RJ45 Ethernet enclosure, alignment sticker, desiccant bag, waterproof connector	
Compression	H.264, MJPEG	Dimensions		
Maximum Frame Rate	30 fps @ 1280x1024 In both compression modes			
Maximum Streams	2 simultaneous streams			
S/N Ratio	64db			
Dynamic Range	140dB			
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, EIS			
Audio				
Audio Capability	Two-way audio (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/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

Mounting Kits



AM-311
Pole Mount Adaptor



AM-411
Corner Mount Adaptor

PoE Kits



POE-IJ-1748NDN
PoE injector, 802.3af compliant

All specifications are subject to change without notice. Copyright © 2014 VIVOTEK INC. All rights reserved.

Distributed by:



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
Busplein 36, 1315KV,
Almere, The Netherlands
T: +31(0)36-5389-149 F: +31(0)36-5389-111
E: saleseurope@vivotek.com

Ver 1.6