



# Bullet Network Camera IP8355H/55EH



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

VIVOTEK IP8355H/55EH are professional outdoor bullet network cameras offering up to 60 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 IP8355H/55EH 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.

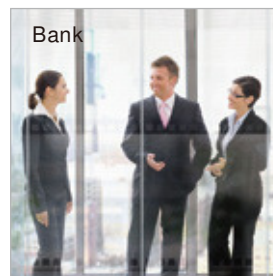
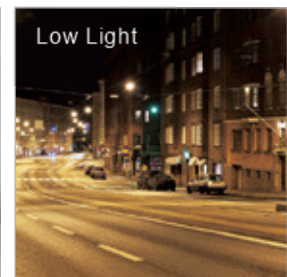
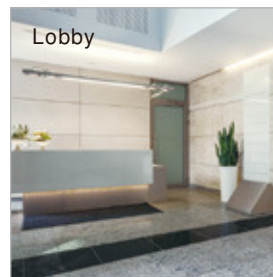
Additionally, as a professional day/night camera, IP8355H/55EH adopt Smart IR technology which prevents overexposure and provides noise reduction to adjust IR lighting intensity instantaneously based on the changes of light in the ambient environment.

To provide top-notch image quality, IP8355H/55EH also come with 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, IP8355H/55EH are 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

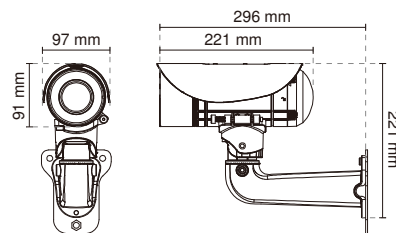
- 1.3-Megapixel CMOS Sensor
- 30 fps @ 1280x1024  
60 fps @ 1280x1024 (one-stream mode only)
- Motorized P-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Smart IR Technology to Avoid Overexposure
- 3D Noise Reduction for Low-light 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
- Supreme Night Visibility



## Technical Specifications

<b>Model</b>	IP8355H/55EH	<b>Intelligent Video</b>	
<b>System Information</b>		<b>Video Motion Detection</b>	Triple-window video motion detection
<b>CPU</b>	Multimedia SoC (System-on-Chip)	<b>Alarm and Event</b>	
<b>Flash</b>	256 MB	<b>Alarm Triggers</b>	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
<b>RAM</b>	384 MB	<b>Alarm Events</b>	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
<b>Camera Features</b>		<b>General</b>	
<b>Image Sensor</b>	1/3" Progressive CMOS	<b>Smart Focus System</b>	Remote focus
<b>Maximum Resolution</b>	1280x1024 (1.3MP)	<b>Connectors</b>	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
<b>Lens Type</b>	Vari-focal, Remote Focus	<b>LED Indicator</b>	System power and status indicator
<b>Focal Length</b>	f = 3 ~ 9 mm	<b>Power Input</b>	DC12V/AC24V IEEE 802.3af PoE
<b>Aperture</b>	F1.2 ~ F2.3	<b>Power Consumption</b>	IP8355H: DC Max. 11 W AC Max. 24.4 W PoE Max. 11 W IP8355EH: DC Max. 30 W (Heater on), 8 W (Heater off) AC Max. 30 W (Heater on), 8.8 W (Heater off) PoE Max. 11 W (Heater off)
<b>Auto-iris</b>	P-iris	<b>Dimensions</b>	Ø: 91 mm x 221 mm
<b>Field of View</b>	34° ~ 80° (Horizontal) 27° ~ 62° (Vertical) 44° ~ 101° (Diagonal)	<b>Weight</b>	Body only Net: 1,314g (IP8355EH), 1,270g (IP8355H) With stand and sunshield Net: 1,911g (IP8355EH), 1,867g (IP8355H)
<b>Shutter Time</b>	1/5 sec. to 1/10,000 sec.	<b>Casing</b>	Weather-proof IP67-rated housing
<b>WDR Technology</b>	WDR Pro II	<b>Safety Certifications</b>	CE, LVD, FCC Class A, VCCI, C-Tick, UL
<b>Day/Night</b>	Removable IR-cut filter for day & night function Smart IR Technology to avoid overexposure	<b>Operating Temperature</b>	IP8355H: Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F) IP8355EH: 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)
<b>Minimum Illumination</b>	0.04 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W)	<b>Warranty</b>	24 months
<b>Pan/tilt/zoom Functionalities</b>	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)	<b>System Requirements</b>	
<b>IR Illuminators</b>	Built-in IR illuminators, effective up to 30 meters IR LED*4, with Smart IR Technology	<b>Operating System</b>	Microsoft Windows 8/7/Vista/XP/2000
<b>On-board Storage</b>	SD/SDHC/SDXC card slot	<b>Web Browser</b>	Mozilla Firefox 7-10 (streaming only) Internet Explorer 7/8/9/10
<b>Video</b>		<b>Other Players</b>	VLC: 1.1.11 or above Quicktime: 7 or above
<b>Compression</b>	H.264, MJPEG	<b>Included Accessories</b>	
<b>Maximum Frame Rate</b>	30 fps @ 1280x1024 60 fps @ 1280x1024 (one-stream mode only) In both compression modes	<b>CD</b>	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
<b>Maximum Streams</b>	2 simultaneous streams	<b>Others</b>	Quick installation guide, warranty card, sun shield, wall mount bracket, waterproof RJ45 Ethernet enclosure, alignment sticker, desiccant bag, waterproof connector
<b>S/N Ratio</b>	64dB		
<b>Dynamic Range</b>	140dB		
<b>Video Streaming</b>	Adjustable resolution, quality and bitrate		
<b>Image Settings</b>	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, Video Rotation		
<b>Audio</b>			
<b>Audio Capability</b>	Two-way audio (full duplex)		
<b>Compression</b>	AAC, G.711, G.726		
<b>Interface</b>	External microphone input Audio output		
<b>Network</b>			
<b>Users</b>	Live viewing for up to 10 clients		
<b>Protocols</b>	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		
<b>Interface</b>	10Base-T/100 BaseTX Ethernet (RJ-45)		
<b>ONVIF</b>	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>		

## Dimensions



## Compatible Accessories

### Mounting Kits



AM-311  
Pole Mount Adaptor



AM-411  
Corner Mount Adaptor

### PoE Kits



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

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