



Bullet Network Camera IP8355H/55EH

1.3MP • WDR Pro II • 30M IR • Smart IR •
3DNR • Low Light • IP67 • Corridor View

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.

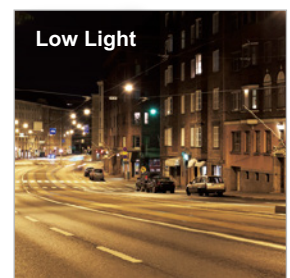
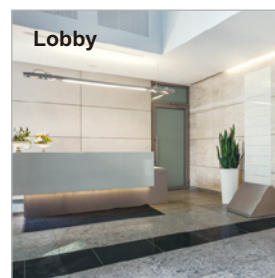
Additionally, as a professional day/night camera, IP8355H/55EH adopt Smart IR technology which prevents overexposure and provides noise reduction to adjust IR lighting intensity instantaneously based on the changes of light in the ambient environment.

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 and Dark Environments
- Weather-proof IP67-rated Housing
- Supreme Night Visibility
- Video Rotation for Corridor View
- EIS (Electronic Image Stabilization) to Control Image Stability
- Extreme Weather Support (IP8355EH)

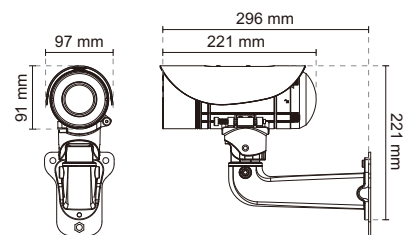


Technical Specifications

Model	IP8355H/55EH
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	256 MB
RAM	384 MB
Camera Features	
Image Sensor	1/3" Progressive CMOS
Maximum Resolution	1280x1024 (1.3MP)
Lens Type	Vari-focal, Remote Focus
Focal Length	f = 3 ~ 9 mm
Aperture	F1.2 ~ F2.3
Auto-iris	P-iris
Field of View	34° ~ 80° (Horizontal) 27° ~ 62° (Vertical) 44° ~ 101° (Diagonal)
Shutter Time	1/5 sec. to 1/10,000 sec.
WDR Technology	WDR Pro II
Day/Night	Removable IR-cut filter for day & night function Smart IR Technology to avoid overexposure
Minimum Illumination	0.04 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (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 IR LED*4, with Smart IR Technology
On-board Storage	SD/SDHC/SDXC card slot
Video	
Compression	H.264, MJPEG
Maximum Frame Rate	30 fps @ 1280x1024 60 fps @ 1280x1024 (one-stream mode only) 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, video rotation
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	10 Base-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
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
General	
Smart Focus System	Remote focus
Connectors	RJ-45 for Network/PoE connection Audio input/output TV output AC 24V power input DC 12V power input Digital input*1 Digital output*1
LED Indicator	System power and status indicator
Power Input	DC12V/AC24V IEEE 802.3af PoE
Power Consumption	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)
Dimensions	Ø: 91 mm x 221 mm
Weight	Body only Net: 1,314g (IP8355EH), 1,270g (IP8355H) With stand and sunshield Net: 1,911g (IP8355EH), 1,867g (IP8355H)
Casing	Weather-proof IP67-rated housing
Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Operating Temperature	IP8355H: Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F) IP8355EH: PoE Working Temperature: -10°C ~ 50°C (14°F ~ 122°F) Cold Startup Temperature: -10°C (14°F) DC12V/AC24V Working Temperature: -50°C ~ 50°C (-58°F ~ 122°F) Cold Startup Temperature: -40°C (-40°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 7/8/9/10/11
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, waterproof RJ45 Ethernet enclosure, alignment sticker, desiccant bag, waterproof connector

Dimensions



Compatible Accessories

Mounting Kits



AM-311
Pole Mount Adaptor



AM-411
Corner Mount Adaptor



AM-711
Junction Box

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