



# Bullet Network Camera IP8365H/65EH



2MP • WDR Pro • 30M IR • Smart IR •  
3DNR • Smart Focus System • IP67

VIVOTEK IP8365H/65EH are professional outdoor bullet network cameras offering up to 60 fps @ 2-Megapixel resolution with superb image quality.

Featuring the Wide Dynamic Range Technology WDR Pro, it provides improved visibility in the extremely dark & light environment. Combined with 3D Noise Reduction Technology, which enables the IP8365H/65EH to capture clear, polished video under low-light conditions and reduce bandwidth from sensor noise, users can identify an increased level of image details in pretty bright as well as dark environments.

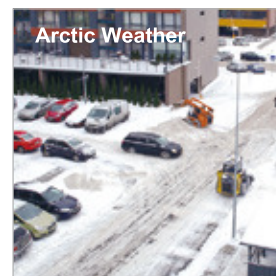
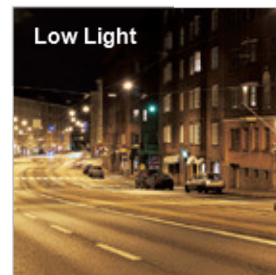
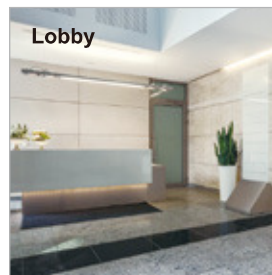
Additionally, as a professional day/night camera, IP8365H/65EH adopt a Smart IR technology which prevents overexposure and provides noise reduction to adjust the IR lighting intensity instantaneously based on the changes of light in the ambient environment.

To provide top-notch image quality, IP8365H/65EH also come 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, IP8365H/65EH 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 IP8365EH performance and reliability in extremely cold and hot weather.

## Features

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- 60 fps @ 1920x1080 (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 (100dB) to Provide Improved 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	IP8365H/65EH	<b>Alarm and Event</b>	
<b>System Information</b>		Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
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	<b>General</b>	
RAM	384 MB	Smart Focus System	Remote focus
<b>Camera Features</b>		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	1/2.8" Progressive CMOS	LED Indicator	System power and status indicator
Maximum Resolution	1920x1080 (2MP)	Power Input	DC12V/AC24V IEEE 802.3af PoE
Lens Type	Vari-focal, Remote Focus	Power Consumption	IP8365H: DC Max. 11 W AC Max. 24.4 W PoE Max. 11 W IP8365EH: 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)
Focal Length	f = 3 ~ 9 mm	Dimensions	Ø: 91mm x 221mm
Aperture	F1.2 ~ F2.3	Weight	Body only Net: 1,314g (IP8365EH), 1,270g (IP8365H) With stand and sunshield Net: 1,911g (IP8365EH), 1,867g (IP8365H)
Auto-iris	P-Iris	Casing	Weather-proof IP67-rated housing
Field of View	39° ~ 89° (Horizontal) 22° ~ 49° (Vertical) 44° ~ 103° (Diagonal)	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Shutter Time	1/5 sec. to 1/10,000 sec.	Operating Temperature	IP8365H: Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F) IP8365EH: 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	Warranty	24 months
Day/Night	Removable IR-cut filter for day & night function Smart IR Technology to avoid overexposure	<b>System Requirements</b>	
Minimum Illumination	0.11 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (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	<b>Included Accessories</b>	
On-board Storage	SD/SDHC/SDXC card slot	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
<b>Video</b>		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	<b>Dimensions</b>	
Maximum Frame Rate	30 fps @ 1920x1080 60 fps @ 1920x1080 (one-stream mode only) In both compression modes		
Maximum Streams	2 simultaneous streams		
S/N Ratio	62dB		
Dynamic Range	100dB		
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		
<b>Audio</b>			
Audio Capability	Two-way audio (full duplex)		
Compression	AAC, G.711, G.726		
Interface	External microphone input Audio output		
<b>Network</b>			
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 <a href="http://www.onvif.org">www.onvif.org</a>		
<b>Intelligent Video</b>			
Video Motion Detection	Triple-window video motion detection		

## 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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