



Bullet Network Camera IP8371/71E



3MP • 1080p 60 fps • 30M IR • Smart Stream •
Smart Focus • IP67 • Smart IR • SNV

VIVOTEK IP8371/71E are professional outdoor bullet network cameras offering 30 fps @ 3-Megapixel or 60 fps @ 1080p resolution with superb image quality.

Featuring 3D Noise Reduction Technology, it enables the IP8371/71E to capture clear, polished video under low-light conditions, which also helps to reduce bandwidth from sensor noise.

The IP8371/71E also feature Smart Stream Technology, which can be used to optimize resolution on a desired object or area to maximize bandwidth usage.

The IP8371/71E 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. For installers, properly adjusting the focus of a megapixel network camera can be difficult due to the image detail. Thus, VIVOTEK has introduced the Smart Focus System to make installation and adjustment easier by allowing for remote focus and zoom adjustment.

The IP67-rated housing is designed to help the camera body withstand rain and dust and ensures operation under a multitude of harsh weather conditions. Additionally, the wide temperature range further enhances the IP8371E's performance and reliability in extremely cold and warm weather.

Features

- 3-Megapixel CMOS Sensor
- 30 fps @ 2048x1536; 60 fps @ 1920x1080
- Motorized, P-iris Lens
- Smart IR Technology to Avoid Overexposure
- Built-in IR Illuminators, Effective up to 30 Meters
- Supreme Night Visibility
- Smart Stream
- 3D Noise Reduction
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- -50°C ~ 50°C Wide Temperature Range for Extreme Weather Conditions (IP8371E)
- Smart Focus System for Remote and Precise Focus Adjustment
- Two-way Audio
- Weather-proof IP67-rated Housing
- Built-in 802.3af Compliant PoE
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage
- Mounting Bracket with Cable Management for Protected Installation



Casino



Traffic Monitoring



Parking Lot



Train Station

Technical Specifications

Model	IP8371/IP8371E	Alarm and Event	
System Information		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 HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Flash	256 MB	General	
RAM	512 MB	Smart Focus System	Remote focus & easy focus
Camera Features		Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output AC 24V power input DC 12V power input Digital input*1 Digital output*1 Analog video output
Image Sensor	1/2.8" Progressive CMOS	LED Indicator	System power and status indicator
Maximum Resolution	2048x1536	Power Input	DC 12V AC 24V IEEE 802.3af PoE Class 3
Lens Type	Vari-focal, remote focus	Power Consumption	IP8371 DC: Max. 12 W AC: Max. 14.1 W PoE: Max. 11 W IP8371E DC: Max. 26 W (Heater on), 7.5 W (Heater off) AC: Max. 27 W (Heater on), 7.7 W (Heater off) PoE: Max. 11 W
Focal Length	f = 3 ~ 9 mm	Dimensions	Ø: 85 mm x 221 mm
Aperture	F1.2 (wide) ~ F2.3 (tele)	Weight	Net: 1291.5 g (IP8371) Net: 1,335 g (IP8371E)
Auto-iris	P-iris	Casing	Weather-proof IP67-rated housing
Field of View	36° ~ 82° (horizontal) 27° ~ 62° (vertical) 44° ~ 107° (diagonal)	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Shutter Time	1/5 sec. to 1/8,000 sec.	Operating Temperature	IP8371: Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F) IP8371E: 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 Enhanced	Warranty	24 months
Day/Night	Removable IR-cut filter for day & night function Smart IR Technology to avoid overexposure	System Requirements	
Minimum Illumination	0.1 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W)	Operating System	Microsoft Windows 7/Vista/XP/2000
Pan/tilt/zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)	Web Browser	Mozilla Firefox 7~10 (Streaming only) Internet Explorer 7.x or 8.x
IR Illuminators	Built-in IR illuminators, effective up to 30 meters IR LED*4, with Smart IR Technology	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
On-board Storage	SD/SDHC/SDXC card slot	Included Accessories	
Video		CD	User's manual, quick installation guide, Installation Wizard 2, free ST7501 32-channel VMS
Compression	H.264, MJPEG & MPEG-4	Others	Quick installation guide, warranty card, sun shield, wall mount bracket, waterproof RJ45 Ethernet enclosure, alignment sticker, desiccant bag, waterproof connector
Maximum Frame Rate	H.264: 30 fps at 2048x1536 60 fps at 1920x1080 MPEG-4: 30 fps at 2048x1536 52 fps at 1920x1080 MJPEG: 30 fps at 2048x1536 60 fps at 1920x1080	Dimensions	
Maximum Streams	4 simultaneous streams		
S/N Ratio	Above 62 dB		
Dynamic Range	59 dB		
Video Streaming	Adjustable resolution, quality and bitrate		
Image Settings	Adjustable image size, quality and bit rate 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, Smart Stream		
Audio			
Audio Capability	Audio input/output (full duplex)		
Compression	GSM-AMR, AAC, G.711, G.726		
Interface	External microphone input External line output		
Network			
Users	Live viewing for up to 10 clients		
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTMP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X		
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)		
ONVIF	Supported, specification available at www.onvif.org		
Intelligent Video			
Video Motion Detection	Triple-window video motion detection		

Compatible Accessories

Mounting Kits



AM-311
Pole Mount Adaptor



AM-411
Corner Mount Adaptor

Power Adapter



AA-231
DC 12V Power Adapter

PoE Kits



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

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