



Bullet Network Camera IP8337H-C



1MP • 20M IR • WDR Pro • IP66 •
Cable Management • 3DNR

VIVOTEK IP8337H-C is a best-in-class, bullet-style network camera designed for diverse outdoor applications. It features an HD WDR CMOS sensor to cope with challenging lighting conditions. The WDR feature allows the camera to capture both the dark and bright parts of an image and combines the differences to generate a highly realistic image representative of the original scene, enabling it to provide video quality close to the capabilities of the human eye. This function enables the IP8337H-C to be widely applicable in high contrast environments such as lobby entrances, parking lots, ATMs, loading areas, and much more.

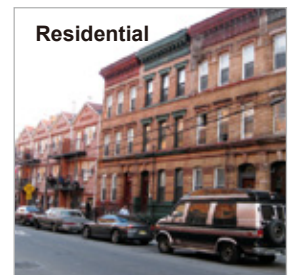
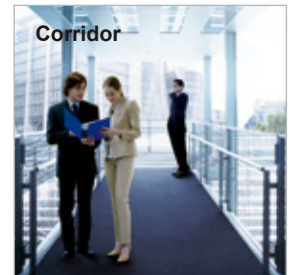
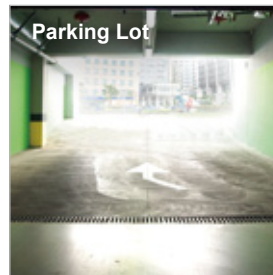
In order to adapt to constantly changing outdoor lighting conditions, the IP8337H-C features a removable IR-cut filter as well as IR illuminators effective up to 20M for superior image quality around the clock. For protection against harsh outdoor environments, the camera is encased in an IP66-rated housing to withstand dust and rain. The IP8337H-C further strengthens the robustness of the camera by protecting the cable within the bracket.

The IP8337H-C supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With H.264, and MJPEG compatibility both included, the dual streams can be simultaneously transmitted in any of these formats at different resolutions, frame rates, and image qualities for versatile platforms. Thereby it further optimizes bandwidth and storage efficiency.

Incorporating a number of advanced features standard for VIVOTEK cameras, including tamper detection, 802.3af compliant PoE, MicroSD/SDHC/SDXC card slot, and VIVOTEK's 32-channel recording software, the IP8337H-C is the ideal solution for your outdoor surveillance needs.

Features






- 1-Megapixel CMOS Sensor
- 30 fps @ 1280x800
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 20 Meters
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- Weather-proof IP66-rated Housing
- Mounting Bracket with Cable Management for Protected Installation
- 3D Noise Reduction



Technical Specifications

Model	IP8337H-C	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 digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Flash	128MB	General	
RAM	256MB	Connectors	RJ-45 for Network/PoE connection Digital input*1
Camera Features		LED Indicator	System power and status indicator
Image Sensor	1/3" Progressive CMOS	Power Input	IEEE 802.3af PoE Class 3
Maximum Resolution	1280x800	Power Consumption	Max. 6.4 W
Lens Type	Fixed-focal	Dimensions	Ø: 60mm x 294mm
Focal Length	f = 6mm	Weight	Net: 1,190g
Aperture	F1.6	Casing	Weather-proof IP66-rated housing Mounting Bracket with Cable Management
Field of View	56° (horizontal) 31° (vertical) 62° (diagonal)	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick
Shutter Time	1/5 sec. to 1/32,000 sec	Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F~122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F)
WDR Technology	WDR Pro	Warranty	24 months
Day/Night	Removable IR-cut filter for day & night function	System Requirements	
Minimum Illumination	0.48 Lux @ F1.6, 50 IRE (Color) 0.001 Lux @ F1.6, 50 IRE (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) Built-in IR illuminators, effective up to 20 meters	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7.x or 8.x
IR Illuminators	IR LED*12	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
On-board Storage	MicroSD/SDHC/SDXC card slot	Included Accessories	
Video		CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Compression	H.264 & MJPEG	Others	Quick installation guide, warranty card, alignment sticker, waterproof connector, desiccant bag, software CD, Cable management bracket
Maximum Frame Rate	H.264 & MJPEG: 30 fps @ 1280x800 In both compression	Dimensions	
Maximum Streams	2 simultaneous streams		
S/N Ratio	Above 60 dB		
Dynamic Range	110 dB		
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving		
Image Settings	Adjustable image size, quality and bitrate 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		
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		
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		PoE Kits	
	SP-702A Mounting Bracket		AM-311 Pole Mount Adaptor
	AM-411 Corner Mount Adaptor		AM-711 Junction Box
	POE-IJ-1748NDN PoE Injector, 802.3af Compliant		

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