

IP8155HP

Fixed Network Camera



1.3MP · WDR Pro II · 3DNR · Low Lux · Remote Back Focus · EIS · P-iris · 60 fps · Snapshot Focus

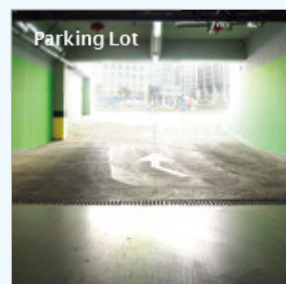
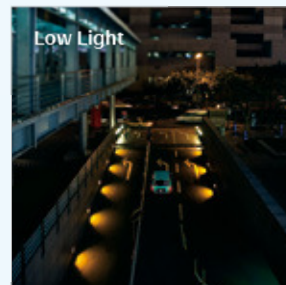
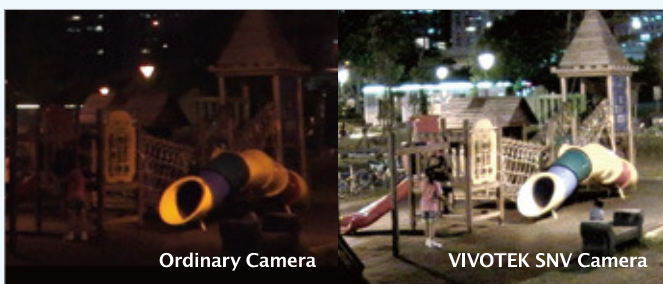
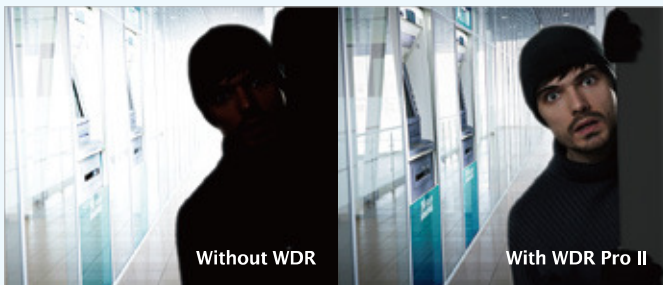
VIVOTEK IP8155HP is a professional box network camera offering up to 60 fps @ 1.3-Megapixel resolution with superb image quality.

Featuring the new improved Wide Dynamic Range Technology WDR Pro II, it provides extreme visibility in high light contrast environments with 4-shutter capture method. Combined with 3D Noise Reduction Technology, which enables the IP8155HP 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.

To provide top-notch image quality, IP8155HP also comes 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. Furthermore, for installers, properly adjusting the focus of a megapixel network camera can be difficult due to the level of image detail. Therefore, IP8155HP is also designed with VIVOTEK's RBF (Remote Back Focus) System for installer to adjust focus more precisely.

Key Features

- 1.3-Megapixel CMOS Sensor
- 30 fps @ 1280x1024
- 60 fps @ 1280x1024 (one-stream mode only)
- Motorized, P-iris Lens
- 3D Noise Reduction for Low-light Conditions
- WDR Pro II (140dB) to Provide Extreme Visibility in High Light Contrast Scenes
- RBF System to assist for Precise Focus Adjustment
- Two-way Audio
- Supreme Night Visibility
- Snapshot Focus

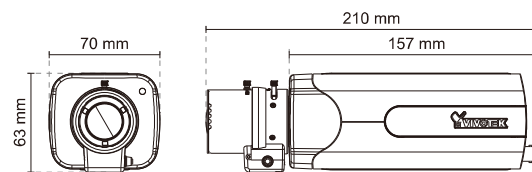


Technical Specifications

Model	IP8155HP
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	256 MB
RAM	384MB
Camera Features	
Image Sensor	1/3" Progressive CMOS
Maximum Resolution	1280x1024 (1.3MP)
Lens Type	Vari-focal
Focal Length	f = 2.8 ~ 8 mm
Aperture	F1.2 ~ F1.95
Auto-iris	P-iris (DC-iris reserved)
Field of View	36° ~ 106° (Horizontal) 29° ~ 84° (Vertical) 46° ~ 140° (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
Minimum Illumination	0.03 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)
On-board Storage	SD/SDHC/SDXC card slot
Video	
Compression	H.264, MJPEG
Maximum Frame Rate	30 fps @ 1280x1024 in both compression mode 60 fps @ 1280x1024 in one-stream mode only
Maximum Streams	2 simultaneous streams
S/N Ratio	64 dB
Dynamic Range	140 dB
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, Snapshot Focus
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	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
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	RBF (Remote Back Focus)
Connectors	RJ-45 for Network/PoE connection Audio input/output BNC Video Output AC 24V power input DC 12V power input Digital input*3 Digital output*1 RS485
LED Indicator	System power and status indicator
Power Input	DC12V/AC24V IEEE 802.3af PoE
Power Consumption	DC Max. 8.3W AC Max. 14.4W PoE Max.10.1W
Dimensions	210 mm (D) x 70 mm (W) x 63 mm (H)
Weight	Net: 623 g
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Warranty	24 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
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, lens, camera stand, screw pack

Dimensions



Compatible Accessories

Enclosures



AE-211
Camera enclosure with
blower



AE-232
Camera enclosure with
heater and blower



AE-233
Camera enclosure with
heater and blower

PoE Kits



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

Mounting Kits



AM-311
Pole Mount Adaptor



AM-411
Corner Mount Adaptor

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