



IP8155HP

Fixed Network Camera



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

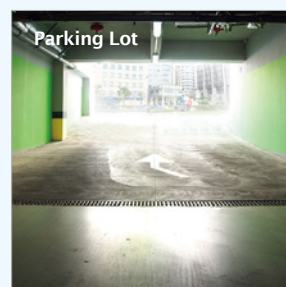
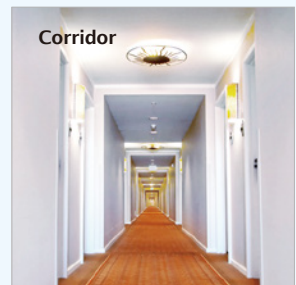
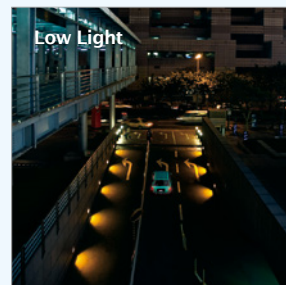
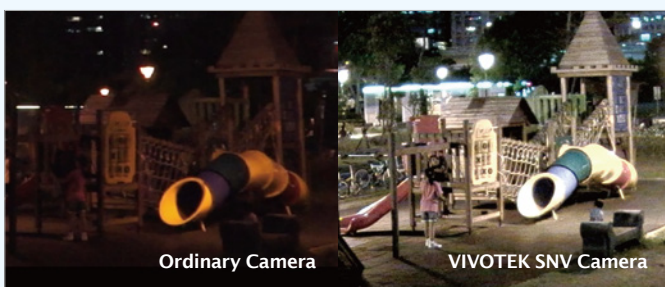
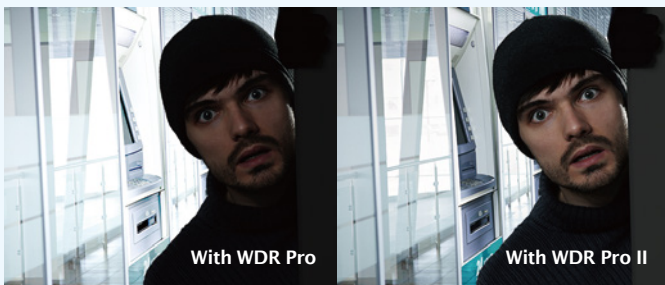
VIVOTEK IP8155HP is a professional box network camera offering up to 60 fps @ 1.3-Megapixel resolution with superb image quality.

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.

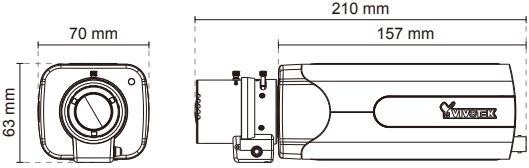
To provide top-notch image quality, IP8155HP also comes with a P-iris lens, which controls the iris with extreme precision with its built-in stepper motor. By using software controls, the lens maintains the iris opening at an optimal level at all times, resulting in superior sharpness and depth of field. 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
- SNV (Supreme Night Visibility)
- Snapshot Focus
- Video Rotation for Corridor View
- EIS (Electronic Image Stabilization) to Control Image Stability



Technical Specifications

Model	IP8155HP	Intelligent Video	
System Information		Video Motion Detection	Triple-window video motion detection
CPU	Multimedia SoC (System-on-Chip)	Alarm and Event	
Flash	256 MB	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
RAM	384MB	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Camera Features		General	
Image Sensor	1/3" Progressive CMOS	Smart Focus System	RBF (Remote Back Focus)
Maximum Resolution	1280x1024 (1.3MP)	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
Lens Type	Vari-focal	LED Indicator	System power and status indicator
Focal Length	f = 2.8 ~ 8 mm	Power Input	DC12V/AC24V IEEE 802.3af PoE
Aperture	F1.2 ~ F1.95	Power Consumption	DC Max. 8.3W AC Max. 14.4W PoE Max.10.1W
Auto-iris	P-iris (DC-iris reserved)	Dimensions	210 mm (D) x 70 mm (W) x 63 mm (H)
Field of View	36° ~ 106° (Horizontal) 29° ~ 84° (Vertical) 46° ~ 140° (Diagonal)	Weight	Net: 623 g
Shutter Time	1/5 sec. to 1/10,000 sec.	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
WDR Technology	WDR Pro II	Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Day/Night	Removable IR-cut filter for day & night function	Warranty	36 months
Minimum Illumination	0.03 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W)	System Requirements	
Pan/tilt/zoom	ePTZ:	Operating System	Microsoft Windows 8/7/Vista/XP/2000
Functionalities	48x digital zoom (4x on IE plug-in, 12x built in)	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10/11
On-board Storage	SD/SDHC/SDXC card slot	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Video		Included Accessories	
Compression	H.264, MJPEG	CD	User's manual, quick installation guide, Installation Wizard 2
Maximum Frame Rate	30 fps @ 1280x1024 in both compression mode 60 fps @ 1280x1024 in one-stream mode only	Others	Quick installation guide, warranty card, lens, camera stand, screw pack
Maximum Streams	2 simultaneous streams	Dimensions	
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/100BaseTX Ethernet (RJ-45) *It is highly recommended to use standard Cat. 5e & Cat. 6 cables which are compliant with the 3P/ETL standard.		
ONVIF	Supported, specification available at www.onvif.org		

Compatible Accessories

Enclosures			
	AE-237 Camera Enclosure, AC 24V, IP66, IK10, -20°C ~ 50°C		AE-241 Camera Enclosure with Internal IR, PoE, IP66, IK10, -20°C ~ 50°C
	AE-242 Camera Enclosure with Internal IR, UPoE, IP66, IK10, -40°C ~ 50°C		
Mounting Kits			
	AM-311 Pole Mount Adaptor		AM-411 Corner Mount Adaptor
Lens			
	AL-242 12.5mm~50mm, F1.4, P-iris		AL-243 7mm~22mm, F1.4, P-iris