

IP8165HP

Fixed Network Camera



2MP · WDR Pro · 3DNR · Remote Back Focus ·
EIS · P-iris · 60 fps · Snapshot Focus

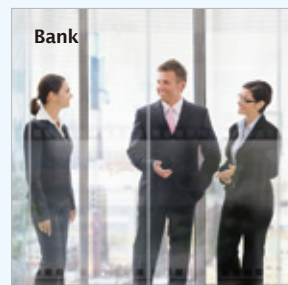
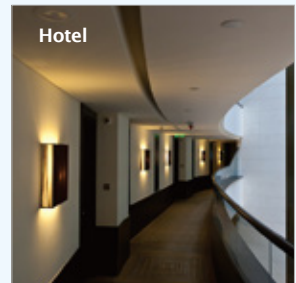
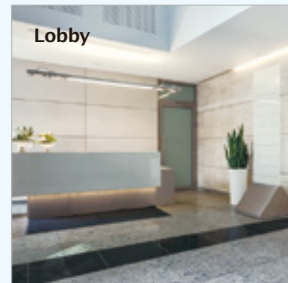
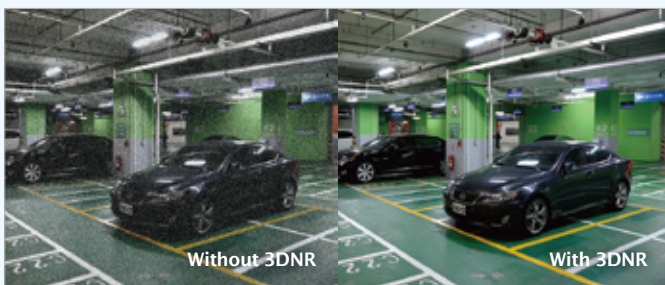
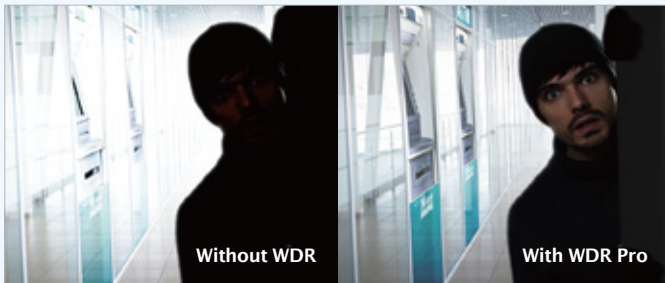
VIVOTEK IP8165HP is a professional box network camera offering up to 60 fps @ 2-Megapixel resolution with superb image quality.

Featuring the improved Wide Dynamic Range Technology WDR Pro, it provides superior visibility in high light contrast environments with 2-shutter capture method. Combined with 3D Noise Reduction Technology, users can identify an increased level of image detail in extremely bright as well as dark environments without occupying or wasting unreasonably high bandwidth.

To provide top-notch image quality, IP8165HP 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, IP8165HP is also designed with VIVOTEK's RBF (Remote Back Focus) System for installer to adjust focus more precisely.

Key Features

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
60 fps @ 1920x1080 (one-stream mode only)
- Motorized, P-iris Lens
- 3D Noise Reduction for Low-light Conditions
- WDR Pro (100dB) to Provide Extreme Visibility in High Light Contrast Scenes
- RBF Design to Assist for Precise Focus Adjustment
- EIS (Electronic Image Stabilization) to Control Image Stability
- Two-way Audio
- Snapshot Focus



Technical Specifications

Model	IP8165HP	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	1/2.8" Progressive CMOS	Smart Focus System	RBF (Remote Back Focus)
Maximum Resolution	1920x1080(2MP)	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	40' ~ 122' (Horizontal) 23' ~ 69' (Vertical) 45' ~ 104' (Diagonal)	Weight	Net: 623g
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	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	0.17 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W)	System Requirements	
Pan/tilt/zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in,12x built in)	Operating System	Microsoft Windows 8/7/Vista/XP/2000
On-board Storage	SD/SDHC/SDXC card slot	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10
Video		Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Compression	H.264, MJPEG	Included Accessories	
Maximum Frame Rate	30 fps @ 1920x1080 in both compression mode 60 fps @ 1920x1080 in one-stream mode only	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Maximum Streams	2 simultaneous streams	Others	Quick installation guide, warranty card, lens, camera stand, screw pack
S/N Ratio	62dB	Dimensions	
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, 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		

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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