



Fixed Network Camera IP8165HP



2MP • WDR Pro • 3DNR •
ABF (Auto Back Focus) • EIS

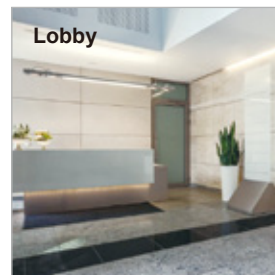
VIVOTEK IP8165HP is a professional box network camera offering 30 fps @ 2-Megapixel resolution with superb image quality.

Featuring the improved Wide Dynamic Range Technology WDR Pro, it provides extreme visibility in extremely dark & light 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.

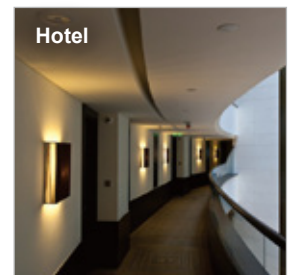
To provide top-notch image quality, IP8165HP also comes with a P-iris lens, which controls the iris with extreme precision with its built-in stepper motor. By using software controls, the lens maintains the iris opening at an optimal level at all times, resulting in superior sharpness and depth of field as well as image quality. 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 ABF (Auto Back Focus) System for installer to adjust focus more precisely.

Features

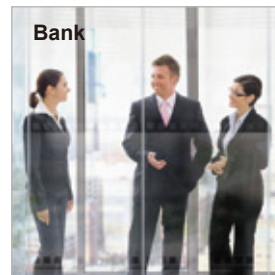
- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- Motorized, P-iris Lens
- 3D Noise Reduction for Low-light Conditions
- WDR Pro (100dB) to Provide Extreme Visibility in Extremely Bright or Dark Environments
- ABF Design to Assist for Precise Focus Adjustment
- EIS (Electronic Image Stabilization) to Control Image Stability
- Two-way Audio



Lobby



Hotel



Bank



Traffic Monitoring

Technical Specifications

Model	IP8165HP	Intelligent Video	Video Motion Detection	Triple-window video motion detection
System Information		Alarm and Event	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	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Flash	256 MB	General	Smart Focus System	ABF
RAM	384MB	Connectors	Connectors	RJ-45 for Network/PoE connection Audio input/output AV output AC 24V power input DC 12V power input Digital input*3 Digital output*1 RS485
Camera Features		LED Indicator	LED Indicator	System power and status indicator
Image Sensor	1/2.8" Progressive CMOS	Power Input	Power Input	DC12V/AC24V IEEE 802.3af PoE
Maximum Resolution	1920x1080(2MP)	Power Consumption	Power Consumption	DC Max. 8.3W AC Max. 14.4W PoE Max.10.1W
Lens Type	Vari-focal	Dimensions	Dimensions	210 mm (D) x 70 mm (W) x 63 mm (H)
Focal Length	f = 2.8 ~ 8 mm	Weight	Weight	Net: 623g
Aperture	F1.2 ~ F1.95	Safety Certifications	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Auto-iris	P-iris (DC-iris reserved)	Operating Temperature	Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Field of View	39° ~ 90° (Horizontal) 21° ~ 50° (Vertical) 45° ~ 104° (Diagonal)	Warranty	Warranty	24 months
Shutter Time	1/5 sec. to 1/10,000 sec.	System Requirements	Operating System	Microsoft Windows 8/7/Vista/XP/2000
WDR Technology	WDR Pro	Web Browser	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10
Day/Night	Removable IR-cut filter for day & night function	Other Players	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Minimum Illumination	0.4 Lux @ F1.2, 50 IRE (Color) 0.001 Lux @ F1.2, 50 IRE (B/W)	Included Accessories	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Pan/tilt/zoom	ePTZ:	Others	Others	Quick installation guide, warranty card, lens, camera stand, screw pack
Functionalities	48x digital zoom (4x on IE plug-in, 12x built in)	Dimensions		
On-board Storage	SD/SDHC/SDXC card slot			
Video				
Compression	H.264, MJPEG			
Maximum Frame Rate	30 fps @ 1920x1080 In both compression modes			
Maximum Streams	2 simultaneous streams			
S/N Ratio	62db			
Dynamic Range	100dB			
Video Streaming	Adjustable resolution, quality and New CBR			
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			
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		PoE Kits	
	AE-211 Camera enclosure with blower		AE-233 Camera enclosure with heater and blower
	AE-232 Camera enclosure with heater and blower		POE-IJ-1748NDN PoE injector, 802.3af compliant
Mounting Kits		Power Adapter	
	AM-311 Pole Mount Adaptor		AA-222 DC 12V Power Adapter
	AM-411 Corner Mount Adaptor		

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