



Fixed Network Camera IP8172



5MP • Full HD • Focus Assist

VIVOTEK IP8172 is a professional box camera offering 5-Megapixel or 1080p Full HD resolution with superb image quality up to 30 fps. Featuring 5-Megapixel resolution and high-performance H.264/MPEG-4/MJPEG compression technology, the IP8172 offers extra-smooth video and wide coverage.

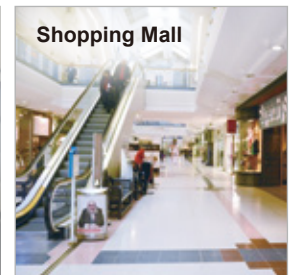
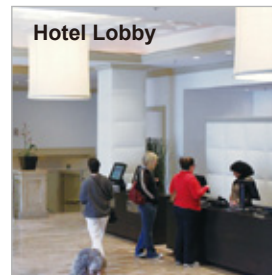
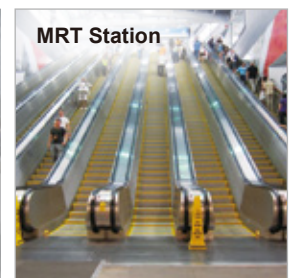
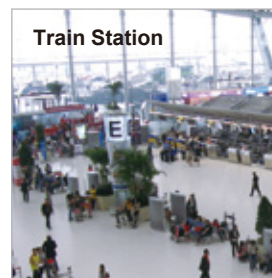
In addition, the IP8172 is also equipped with a focus assist button to allow users to precisely adjust the camera focus. After pushing the focus assist button on the camera unit, an indicator will be displayed onscreen with detailed focus information, which will change in accordance with the manual adjustment. Moreover, continuing to push the button will zoom in on the target area for fine tuning, resulting in better usability and picture clarity.

The IP8172 can also be directly connected to an analog monitor with the built-in BNC connector, providing integrators more flexibility and hassle-free installation for a myriad of applications.

As with all VIVOTEK true day/night cameras, the IP8172 features a removable IR-cut filter, maintaining clear images 24 hours a day. Together with WDR enhancement, users can identify image details in extremely bright as well as dark environments. Also including other high-end features such as multiple streams, video cropping, ePTZ, SD/SDHC/SDXC card slot, PoE, and the included 32-CH recording software, the IP8172 is indisputably the top choice for reliable and high performance megapixel surveillance.

Features

- 5-Megapixel CMOS Sensor
- 30 fps @ 1080p Full HD
- 2.8 ~ 12 mm Vari-focal, DC-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- WDR Enhancement for Unparalleled Visibility in Extremely Bright or Dark Environments
- Built-in Focus Assist Button for Precise Focus Adjustment
- Built-in 802.3af Compliant PoE
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage



Technical Specifications

System Information		Alarm and Event	
CPU	Multimedia SoC (System-on-Chip)	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
Flash	128 MB	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
RAM	256 MB	General	
Camera Features		Smart Focus System	Focus assist button and OSD
Image Sensor	1/2.5" Progressive CMOS	Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output Video output AC 24V power input DC 12V power input Digital input*1 Digital output*1
Maximum Resolution	2560x1920	LED Indicator	System power and status indicator
Lens Type	Vari-focal, CS Mount	Power Input	24V AC 12V DC IEEE 802.3af PoE Class 3
Focal Length	f = 2.8 ~ 12 mm	Power Consumption	Max. 4.87 W (DC 12V) Max. 7 W (AC 24V) Max. 6.8 W (PoE)
Aperture	F1.2 (wide), F2.5 (tele)	Dimensions	218 mm (D) x 72 mm (W) x 62 mm (H)
Auto-iris	DC-iris	Weight	Net: 702 g
Field of View	28.2° ~ 115.3° (horizontal) 21.3° ~ 84.2° (vertical) 35.5° ~ 150.2° (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: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
WDR Technology	WDR Enhanced	Warranty	24 months
Day/Night	Removable IR-cut filter for day & night function	System Requirements	
Minimum Illumination	0.02 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (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)	Web Browser	Mozilla Firefox 7~10 (Streaming only) Internet Explorer 7.x or 8.x
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 & MPEG-4	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Maximum Frame Rate	H.264: 10 fps at 2560x1920 30 fps at 1920x1080 MPEG-4: 10 fps at 1920x1536 25 fps at 1920x1080 MJPEG: 13 fps at 2560x1920 30 fps at 1920x1080	Others	CS-mount lens, quick installation guide, warranty card, stand, L-type hex key wrench
Maximum Streams	3 simultaneous streams	Dimensions	
S/N Ratio	Above 60 dB		
Dynamic Range	57 dB		
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving		
Image Settings	Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks Scheduled profile settings		
Audio			
Audio Capability	Audio input/output (full duplex)		
Compression	GSM-AMR, AAC, G.711		
Interface	Built-in Microphone External microphone input External line output		
Effective Range	5 meters		
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	Ver. 1.02		
Intelligent Video			
Video Motion Detection	Triple-window video motion detection		

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 (input AC 24V)

Power Adapter



AA-222
DC 12V Power Adapter

PoE Kits



MS-POE-IJAF
PoE injector, 802.3af compliant

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