VIVOTEK

IP9191-H
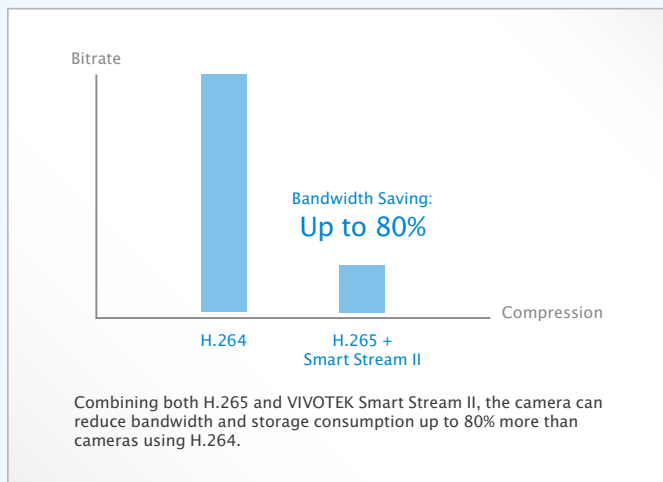### Fixed Network Camera

V series

8MP · H.265 · Smart Stream II · 4K 30 fps · WDR Pro · SNV · GbE Port · DIS

VIVOTEK's IP9191-H is a brand-new professional H.265 box network camera offering up to 30 fps at 8-Megapixel or 60 fps at 1080p with superb image quality at all resolutions or frame rates. By utilizing VIVOTEK's sophisticated Smart Stream II, the camera is able to optimize quality for desired regions and thus ensure maximum efficiency of bandwidth usage. Combining both H.265 and Smart Stream II, the IP9191-H can reduce both bandwidth and storage consumption by up to 80%* while keeping the high standard of image quality as a 8-Megapixel camera. This unique combination of high resolution and low storage consumption make the IP9191-H suitable for a wide range of video surveillance applications, including government and industrial buildings, retail environments, airports, railway stations and schools.
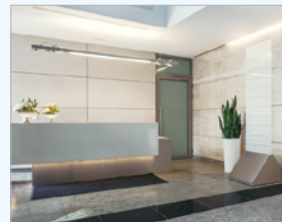
Additionally, employing WDR Pro allows the camera to capture both the dark and bright areas of an image, combining the differences to create a highly realistic representation of the original scene. Further improving the IP9191-H's range of operating conditions, SNV technology makes high quality full-color surveillance video possible under low-light conditions. Together, these features enable the camera to provide video quality strikingly close to the capabilities of the human eye. Further enhancing the camera's ability to adapt to its environment, precise software controls maintain the iris opening of the IP9191-H's lens at an optimal level at all times, resulting in superior sharpness as well as depth of field. Finally, the IP9191-H is also endowed with VIVOTEK's RBF (Remote Back Focus) system, enabling the installer to adjust focus both more precisely and with greater flexibility.
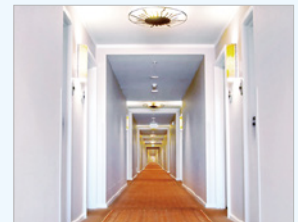
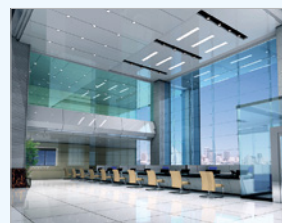* Depending on scenes

Key Features

· H.265 Compression Technology
· 1/1.7" Progressive CMOS Sensor
· 30 fps @ 3840x2160; 60 fps @ 1920x1080
· DIS (Digital Image Stabilization)
· Smart Stream II to Optimize Bandwidth Efficiency
· WDR Pro for Unparalleled Visibility in High Contrast Environments
· Remote Back Focus for Easy Focus Adjustments
· SNV (Supreme Night Visibility) for Low Light Conditions
· Video Rotation for Corridor View
· Lens Profile to Ensure the Full Compatibility for Different Lens Options
· Gigabit Ethernet for High Speed of Transmission
· Snapshot Focus

Bitrate

Bandwidth Saving:
Up to 80%

Compression

H.264 | H.265 + Smart Stream II

Combining both H.265 and VIVOTEK Smart Stream II, the camera can reduce bandwidth and storage consumption up to 80% more than cameras using H.264.

Lobby

Hotel

Bank

Traffic Monitoring

Technical Specifications

Model	IP9191-H

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	512MB

Camera Features

Image Sensor	1/1.7" Progressive CMOS
Maximum Resolution	3840x2160 (8MP)
Lens Type	Vari-Focal
Auto-iris	DC-iris (P-iris reserved)
WDR Technology	WDR Pro
Day/Night	Removable IR-cut filter for day & night function
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)
On-board Storage	Slot Type: MicroSD/SDHC/SDXC card slot Seamless Recording

Video

Compression	H.265 & H.264 & MJPEG
Maximum Frame Rate	H.265 & H.264: 30 fps @ 3840x2160 60 fps @ 1920x1080
Maximum Streams	4 simultaneous streams
S/N Ratio	57 dB
Dynamic Range	100 dB
Video Streaming	Adjustable resolution, quality and bitrate Smart StreamII
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, video rotation, 3DNR, defog, Snapshot Focus, Lens Profile, DIS

Audio

Audio Capability	Two-Way Audio (full duplex)
Compression	G711, G726
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, ARP, SSL, TLS
Interface	10 Base-T/100 Base-TX /1000 Base-T Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Supported, specifications available at www.onvif.org

Intelligent Video

Video Motion Detection	Five-window video motion detection
VCA*	Line crossing detection, field detection, loitering detection

Alarm and Event

Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server, SD Card File upload via HTTP, SMTP, FTP, NAS server and SD card

General

Smart Focus System	Remote Back Focus via UI
Connectors	RJ-45 cable connector for 10/100/1000Mpbs Network/PoE connection Audio input Audio output DC 12V power input AC 24V Power input Digital input*3 Digital output*1
LED Indicator	System power and status indicator
Power Input	DC 12V AC 24V IEEE 802.3af/at PoE Class 0
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)
Humidity	90%
Warranty	36 months

System Requirements

Operating System	Microsoft Windows 8/7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10/11
Other Players	VLC: 1.1.11 or above Quicktime: 7 or above

Included Accessories

CD	User's manual, quick installation guide, Installation Wizard 2, VAST
Others	Quick installation guide, mounting bracket, screw pack, Lens, CD

* Available per project request.