



# IP9191-H

## Fixed Network Camera

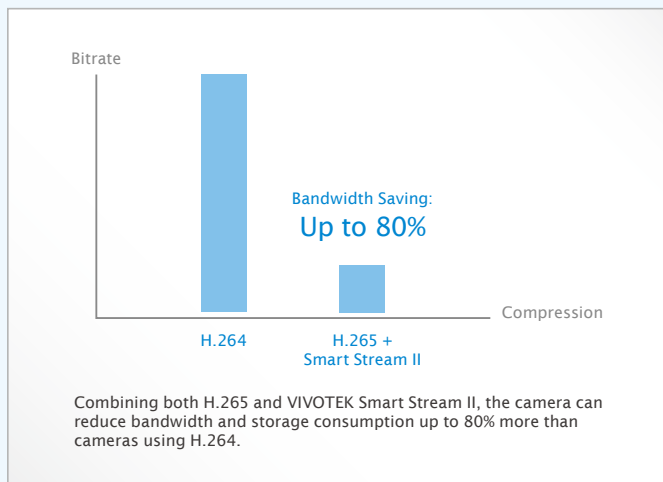


8MP · H.265 · Smart Stream II · 4K 30 fps · WDR Pro · SNV · GbE Port · DIS

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.

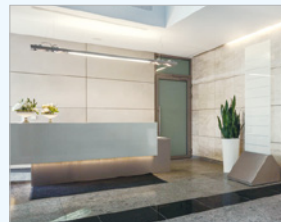
Additionally, employing WDR Pro allows the camera to capture both the dark and bright areas of an image, combining the differences to create a highly realistic representation of the original scene. Further improving the IP9191-H's range of operating conditions, SNV technology makes high quality full-color 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

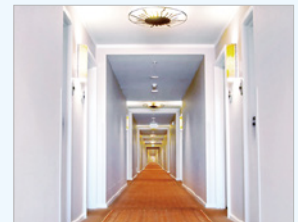


## Key Features

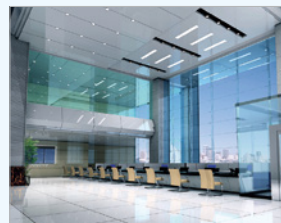
- H.265 Compression Technology
- 1/1.7" Progressive CMOS Sensor
- 30 fps @ 3840x2160; 60 fps @ 1920x1080
- DIS (Digital Image Stabilization)
- Smart Stream II to Optimize Bandwidth Efficiency
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Remote Back Focus for Easy Focus Adjustments
- 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



Lobby



Hotel



Bank



Traffic Monitoring

## Technical Specifications

Model	IP9191-H	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.
<b>System Information</b>		ONVIF	Supported, specifications available at <a href="http://www.onvif.org">www.onvif.org</a>
CPU	Multimedia SoC (System-on-Chip)	<b>Intelligent Video</b>	
Flash	128MB	Video Motion Detection	Five-window video motion detection
RAM	512MB	VCA*	Line crossing detection, field detection, loitering detection
<b>Camera Features</b>		<b>Alarm and Event</b>	
Image Sensor	1/1.7" Progressive CMOS	Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Maximum Resolution	3840x2160 (8MP)	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
Lens Type	Vari-Focal	<b>General</b>	
Auto-iris	DC-iris ( P-iris reserved)	Smart Focus System	Remote Back Focus via UI
WDR Technology	WDR Pro	Connectors	RJ-45 cable connector for 10/100/1000Mbps Network/PoE connection Audio input Audio output DC 12V power input AC 24V Power input Digital input*3 Digital output*1
Day/Night	Removable IR-cut filter for day & night function	LED Indicator	System power and status indicator
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)	Power Input	DC 12V AC 24V IEEE 802.3af/at PoE Class 0
On-board Storage	Slot Type: MicroSD/SDHC/SDXC card slot Seamless Recording	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
<b>Video</b>		Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Compression	H.265 & H.264 & MJPEG	Humidity	90%
Maximum Frame Rate	H.265 & H.264: 30 fps @ 3840x2160 60 fps @ 1920x1080	Warranty	36 months
Maximum Streams	4 simultaneous streams	<b>System Requirements</b>	
S/N Ratio	57 dB	Operating System	Microsoft Windows 8/7/Vista/XP/2000
Dynamic Range	100 dB	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10/11
Video Streaming	Adjustable resolution, quality and bitrate Smart StreamII	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
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	<b>Included Accessories</b>	
<b>Audio</b>		CD	User's manual, quick installation guide, Installation Wizard 2, VAST
Audio Capability	Two-Way Audio (full duplex)	Others	Quick installation guide, mounting bracket, screw pack, Lens, CD
Compression	G711, G726		
Interface	External microphone input Audio output		
<b>Network</b>			
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		

\* Available per project request.