IP9191-HP

Box Network Camera



8MP 30fps • H.265 • Smart Stream III • WDR Pro • SNV • DIS

VIVOTEK's IP9191-HP is a professional H.265 box network camera offering true 3840x2160 resolution at 30 fps. With ultra HD resolution at 30 frames per second, this camera is capable of delivering clear and detailed images for a variety of applications such as city surveillance, transportation and industrial monitoring.

With the most up to date VIVOTEK Smart Stream III technology, the IP9191-HP delivers excellent images while keeping bandwidth and storage levels to a minimum. VIVOTEK's self-developed algorithm brings video compression into the next level and reduces the 4K image compression size to even smaller than a 2-Megapixel image size.

The IP9191-HP also employs VIVOTEK's SNV and WDR Pro technologies which allows the camera to capture the highest quality images in both low light and high contrast environments. Furthermore, if combined with VIVOTEK's AE Series Enclosure and equipped with the AL-248 (12~50mm) lens, the IP9191-HP is an outstanding choice for long-range outdoor applications, capable of delivering exceptional images even from surveillance objects over 100 meters away.

Key Features

- H.265 Compression Technology
- 30 fps @ 3840x2160 (WDR Pro on)
- 120 fps @ 1920x1080 (WDR Pro off)
- Smart Stream III to Optimize Bandwidth Efficiency
- WDR Pro for Unparalleled Visibility in Extremely Bright and Dark Environments
- SNV (Supreme Night Visibility) for Low Light Conditions
- Remote Back Focus for Easy Focus Adjustments
- DIS (Digital Image Stabilization)
- Video Rotation for Corridor View
- Lens Profile for Camera Quality Optimization
- Trend Micro IoT Security within Standard Warranty Period



2MP Resolution 4K Resolution

Technical Specifications

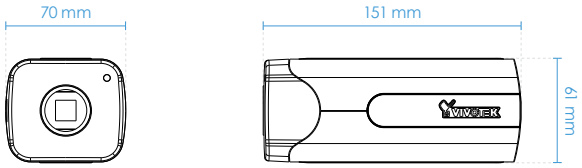
Model	IP9191-HP
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	1GB
Camera Features	
Image Sensor	1/2" Progressive CMOS
Maximum Resolution	3840x2160
Lens Type	Vari-focal, Remote Back Focus
Focal Length	f = 3.9 ~ 10 mm
Aperture	F1.5 ~ F2.7
Auto-iris	P-iris (DC-iris reserved)
Field of View	45° ~ 119° (Horizontal) 25° ~ 63° (Vertical) 52° ~ 142° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.02 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W)
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	30 fps @ 3840x2160 (WDR Pro on) 120 fps @ 1920x1080 (WDR Pro off)
Maximum Streams	3 simultaneous streams
S/N Ratio	60.5 dB
Dynamic Range	120 dB
Video Streaming	Adjustable resolution, quality and constant bit rate control, Smart Stream III
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, AE speed, privacy masks; Scheduled profile settings, HLC, defog, 3DNR, DIS, video rotation, lens profile
Audio	
Audio Capability	Two-way audio
Compression	G.711, G.726
Interface	External Mic input External line output
Network	
Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, CIFS/SMB, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL/ TLS
Interface	10 Base-T/100 Base-TX Ethernet /1000 Base-T (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Supported, specification available at www.onvif.org
Intelligent Video	
Video Motion Detection	Five-window video motion detection
Alarm and Event	
Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, advanced motion detection, MicroSD card life expectancy
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP, NAS server and MicroSD card File upload via HTTP, SMTP, FTP, NAS server and MicroSD card
General	
Connectors	RJ-45 cable connector for Network 10/100/1000 Mbps PoE connection *1 Audio input *1 Audio output *1 DC 12V/AC 24V power input *1 Digital input *2 Digital output *2 RS-485 *1
LED Indicator	System power and status indicator
Power Input	DC 12V, AC 24V, IEEE 802.3af PoE Class 0
Power Consumption	Max. 12 W
Dimensions	151 x 70 x 61 mm (w/o lens) 209 x 70 x 61 mm (w/ lens)
Weight	671 g (w/o lens) 743 g (w/ lens)
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
Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Included Accessories	

Technical Specifications

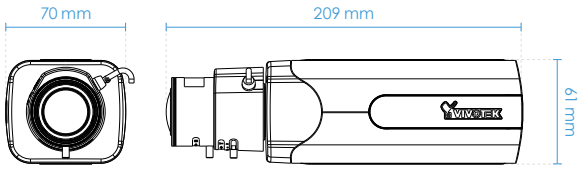
Others	Quick installation guide, warranty card, lens, camera stand, screw pack

Dimensions

• w/o lens



• w/ lens



Compatible Accessories

Enclosures		Lens
		
AE-23E Outdoor enclosure, PoE input, IP68, IK10	AE-244 Outdoor enclosure, built-in 50m IR, PoE input, IP68, IK10	AL-248 12 ~ 50mm, F1.8, P-iris

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