



IP9191-HP

Box Network Camera



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

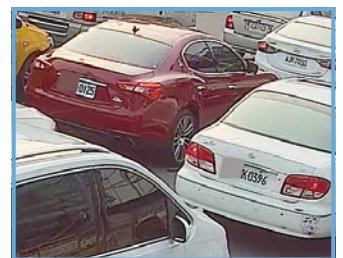
VIVOTEK's IP9191-HP is a professional H.265 box network camera offering true 3840x2160 resolution at 30 fps. With ultra HD resolution at 30 frames per second, this camera is capable of delivering clear and detailed images for a variety of applications such as city surveillance, transportation and industrial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



2MP Resolution

4K Resolution

Technical Specifications

Model	IP9191-HP	Users	Live viewing for up to 10 clients
System Information		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
CPU	Multimedia SoC (System-on-Chip)	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.
Flash	128MB	ONVIF	Supported, specification available at www.onvif.org
RAM	1GB	Intelligent Video	
Camera Features		Video Motion Detection	Five-window video motion detection
Image Sensor	1/2" Progressive CMOS	Alarm and Event	
Maximum Resolution	3840x2160	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
Lens Type	Vari-focal, Remote Back Focus	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
Focal Length	f = 3.9 ~ 10 mm	General	
Aperture	F1.5 ~ F2.7	Connectors	RJ-45 cable connector for Network 10/100/1000 Mbps PoE connection *1 Audio input *1 Audio output *1 AC/DC 24V power input *1 Digital input *2 Digital output *2 RS-485 *1
Auto-iris	P-iris (DC-iris reserved)	LED Indicator	System power and status indicator
Field of View	45° ~ 119° (Horizontal) 25° ~ 63° (Vertical) 52° ~ 142° (Diagonal)	Power Input	AC 24V, DC 12V, IEEE 802.3af PoE Class 0
Shutter Time	1/5 sec. to 1/32,000 sec.	Power Consumption	Max. 12 W
WDR Technology	WDR Pro	Dimensions	151 x 70 x 61 mm (w/o lens) 209 x 70 x 61 mm (w/ lens)
Day/Night	Removable IR-cut filter for day & night function	Weight	671 g (w/o lens) 743 g (w/ lens)
Minimum Illumination	0.02 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W)	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Pan/Tilt/Zoom Functionalities	ePTZ:48x digital zoom (4x on IE plug-in, 12x built in)	Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording	Humidity	90%
Video		Warranty	36 months
Compression	H.265, H.264, MJPEG	System Requirements	
Maximum Frame Rate	30 fps @ 3840x2160 (WDR Pro on) 120 fps @ 1920x1080 (WDR Pro off)	Operating System	Microsoft Windows 8/7
Maximum Streams	3 simultaneous streams	Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11
S/N Ratio	60.5 dB	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Dynamic Range	120 dB	Included Accessories	
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			

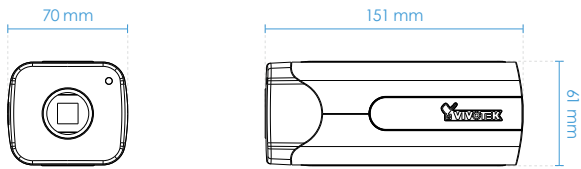
Technical Specifications

Others

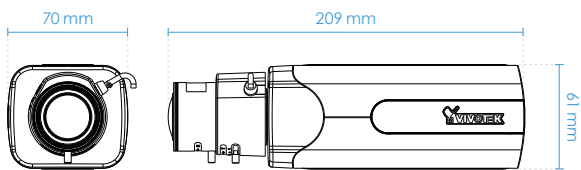
Quick installation guide, warranty card, lens, camera stand, screw pack

Dimensions

- w/o lens



- w/ lens



Compatible Accessories

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