



IP9191-HT

Box Network Camera



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

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

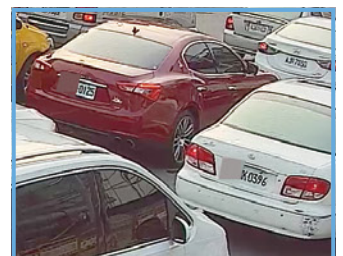
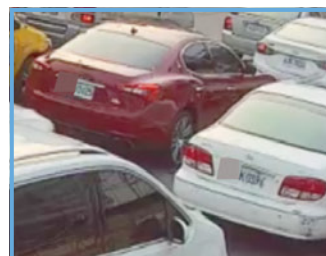
VIVOTEK's in-house algorithm brings video compression to next level. With VIVOTEK's Smart Stream III technology, the IP9191-HT is capable of delivering excellent images while keeping bandwidth and storage consumption at extremely low levels, even smaller than typical 2-Megapixel image size.

The IP9191-HT is further equipped with an i-CS (intelligent-CS mount) lens with LSC (Lens Shading Correction) and LDC (Lens Distortion Correction) calibration functions to obtain even better images. When combined with remote focus system, these features enable installers to adjust zoom/focus remotely. These function-rich combinations make the IP9191-HT suitable for a wide range of video surveillance applications.

When housed inside the AE Series Enclosures, the IP9191-HT is excellent for long-range outdoor applications. Furthermore, when equipped with the 12-50mm AL-248 lens, the IP9191-HT is an ideal camera that could deliver exceptional images even from surveillance targets that are over 100 meters away.

Key Features

- H.265 Compression Technology
- 30 fps @ 3840x2160 (WDR on)
- 120 fps @ 1920x1080 (WDR off)
- 3.9 ~ 10 mm, Remote Focus, i-CS Lens (Intelligent-CS)
- 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
- 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-HT	Interface	External microphone input External line output
System Information		Network	
CPU	Multimedia SoC (System-on-Chip)	Users	Live viewing for up to 10 clients
Flash	128MB	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
RAM	1GB	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.
Camera Features		ONVIF	Supported, specification available at www.onvif.org
Image Sensor	1/2" Progressive CMOS	Intelligent Video	
Max. Resolution	3840x2160	Video Motion Detection	Five-window video motion detection
Lens Type	Vari-focal, Remote Focus, i-CS	Alarm and Event	
Focal Length	f = 3.9 ~ 10 mm	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
Aperture	F1.5 ~ F2.7	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
Iris type	i-CS (P-iris/DC-iris reserved)	General	
Field of View	45° ~ 119° (Horizontal) 25° ~ 63° (Vertical) 52° ~ 142° (Diagonal)	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 in *1 Digital input*2 Digital output*2 RS-485 *1
Shutter Time	1/5 sec. to 1/32,000 sec.	LED Indicator	System power and status indicator
WDR Technology	WDR Pro	Power Input	DC 12V, AC 24V, IEEE 802.3af PoE Class 0
Day/Night	Yes	Power Consumption	Max. 12 W
Removable IR-cut filter	Yes	Dimensions	151 x 70 x 61 mm (w/o lens) 210 x 70 x 61 mm (w/ lens)
Minimum Illumination	0.02 Lux @ F1.5 (Color) 0.01 Lux @ F1.5 (B/W)	Weight	671 g (w/o lens) 743 g (w/ lens)
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording	Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Video		Humidity	90%
Compression	H.265, H.264, MJPEG	Warranty	36 months
Maximum Frame Rate	30 fps @ 3840x2160 (WDR Pro on) 120 fps @ 1920x1080 (WDR Pro off)	System Requirements	
Maximum Streams	3 simultaneous streams	Operating System	Microsoft Windows 8/7
S/N Ratio	60.5 dB	Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11
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, remote focus, lens distortion correction (LDC)		
Audio			
Audio Capability	Two-way audio		
Compression	G.711, G.726		

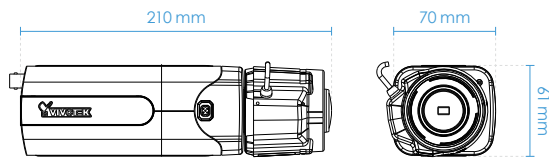
Technical Specifications

Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
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Included Accessories

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



Compatible Accessories

Enclosures



AE-23E
Outdoor enclosure, PoE input, IP68, IK10



AE-244
Outdoor enclosure, built-in 50m IR, PoE input, IP68, IK10

Lens



AL-248
12~50mm, F1.8, P-iris



AL-24E
3.9~10mm, F1.5, P-iris



AL-251
3.9~10mm, F1.5, i-CS (Standard Package)