



# 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.

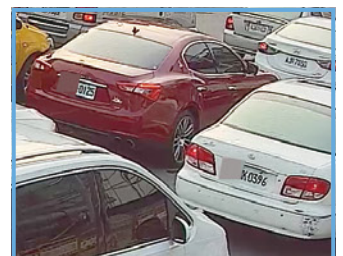
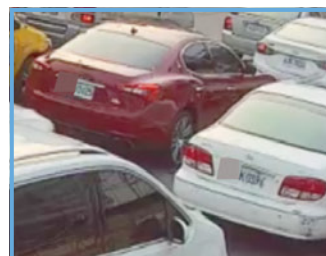
VIVOTEK's in-house algorithm brings video compression to next level. With VIVOTEK's Smart Stream III technology, the IP9191-HT is capable of delivering excellent images while keeping bandwidth and storage consumption at extremely low levels, even smaller than typical 2-Megapixel image size.

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<br>External line output   |
| <b>System Information</b>        |  | <b>Network</b>             |   |
| 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/<br>RTP/RTCP, IGMP, CIFS/SMB, SMTP, FTP, DHCP,<br>NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP,<br>802.1X, UDP, ICMP, ARP, SSL/ TLS  |
| RAM                              | 1GB  | Interface                  | 10 Base-T/100 Base-TX Ethernet /1000 Base-T<br>(RJ-45)<br>*It is highly recommended to use standard<br>CAT5e & CAT6 cables which are compliant<br>with the 3P/ETL standard.   |
| <b>Camera Features</b>           |  | ONVIF                      | Supported, specification available at<br><a href="http://www.onvif.org">www.onvif.org</a>   |
| Image Sensor                     | 1/2" Progressive CMOS  | <b>Intelligent Video</b>   |   |
| Max. Resolution                  | 3840x2160  | Video Motion Detection     | Five-window video motion detection  |
| Lens Type                        | Vari-focal, Remote Focus, i-CS   | <b>Alarm and Event</b>     |   |
| Focal Length                     | f = 3.9 ~ 10 mm  | Alarm Triggers             | Motion detection, manual trigger, digital<br>input, periodical trigger, system boot,<br>recording notification, camera tampering<br>detection, audio detection, advanced<br>motion detection, MicroSD card life<br>expectancy |
| Aperture                         | F1.5 ~ F2.7  | Alarm Events               | Event notification using digital output, HTTP,<br>SMTP, FTP, NAS server and MicroSD card<br>File upload via HTTP, SMTP, FTP, NAS server<br>and MicroSD card   |
| Iris type                        | i-CS (P-iris/DC-iris reserved)   | <b>General</b>             |   |
| Field of View                    | 45° ~ 119° (Horizontal)<br>25° ~ 63° (Vertical)<br>52° ~ 142° (Diagonal)   | Connectors                 | RJ-45 cable connector for Network<br>10/100/1000 Mbps PoE connection*1<br>Audio input*1<br>Audio output*1<br>DC 12V/AC 24V power in *1<br>Digital input*2<br>Digital output*2<br>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)<br>210 x 70 x 61 mm (w/ lens)   |
| Minimum Illumination             | 0.02 Lux @ F1.5 (Color)<br>0.01 Lux @ F1.5 (B/W)   | Weight                     | 671 g (w/o lens)<br>743 g (w/ lens)   |
| Pan/Tilt/Zoom<br>Functionalities | ePTZ: 48x digital zoom (4x on IE plug-in, 12x<br>built in)   | Safety Certifications      | CE, LVD, FCC Class B, VCCI, C-Tick, UL  |
| On-board Storage                 | Slot type: MicroSD/SDHC/SDXC card slot<br>Seamless Recording   | Operating Temperature      | Starting Temperature:<br>0°C ~ 50°C (32°F ~ 122°F)<br>Working Temperature:<br>-10°C ~ 50°C (14°F ~ 122°F)   |
| <b>Video</b>                     |  | Humidity                   | 90%   |
| Compression                      | H.265, H.264, MJPEG  | Warranty                   | 36 months   |
| Maximum Frame Rate               | 30 fps @ 3840x2160 (WDR Pro on)<br>120 fps @ 1920x1080 (WDR Pro off)   | <b>System Requirements</b> |   |
| 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)<br>Internet Explorer 10/11  |
| Dynamic Range                    | 120 dB   |                            |   |
| Video Streaming                  | Adjustable resolution, quality and constant<br>bit rate control, Smart Stream III  |                            |   |
| Image Settings                   | Adjustable image size, quality and bit<br>rate; Time stamp, text overlay, flip &<br>mirror; Configurable brightness, contrast,<br>saturation, sharpness, white balance,<br>exposure control, gain, backlight<br>compensation, AE speed, privacy masks;<br>Scheduled profile settings, HLC, defog,<br>3DNR, DIS, video rotation, lens profile,<br>remote focus, lens distortion correction<br>(LDC) |                            |   |
| <b>Audio</b>                     |  |                            |   |
| Audio Capability                 | Two-way audio  |                            |   |
| Compression                      | G.711, G.726   |                            |   |

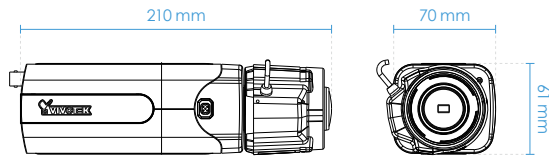
## Technical Specifications

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

### Included Accessories

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

### 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)