



IP9165-HP (no lens) Box Network Camera



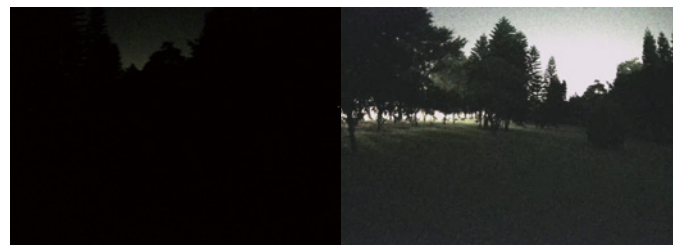
2MP 60fps • SNV II • WDR Pro II • Smart Stream III • Remote Back Focus

VIVOTEK's IP9165-HP is a professional H.265 box network camera offering up to 60 fps at 1080p with outstanding image quality that sets it apart from the competition. With the latest VIVOTEK's SNV II, WDR Pro II and Smart Stream III technologies, the camera provides clear imagery in both low light and high contrast environments and greatly reduces bandwidth and storage while retaining the highest quality of video. This unique combination makes the IP9165-HP suitable for a wide range of video surveillance applications, including government and industrial buildings, retail, airports, railway stations, traffic intersections and university campuses.

To enhance the camera's ability to adapt to the challenging environments, precise software controls maintain the iris opening of the IP9165-HP's lens at an optimal level at all times, resulting in superior sharpness as well as depth of field. Finally, the IP9165-HP is also endowed with VIVOTEK's RBF (Remote Back Focus) system, enabling the installer to adjust the focus with greater flexibility and precision.

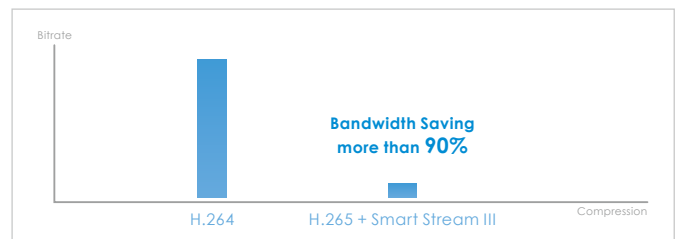
Key Features

- 60 fps @ 2MP
- H.265 Compression Technology
- SNV II (Supreme Night Visibility II) for Low Light Conditions
- WDR Pro II (140dB) to Provide Extreme Visibility in Extremely Bright or Dark Environments
- Smart Stream III to Optimize Bandwidth Efficiency
- DIS (Digital Image Stabilization) to Control Image Stabilization
- Video Rotation for Corridor View



Without SNV II

With SNV II



H.265 + Smart Stream III, Ultra-low Bandwidth

Technical Specifications

| | |
|-------------------------------|---|
| Model | IP9165-HP |
| System Information | |
| CPU | Multimedia SoC (System-on-Chip) |
| Flash | 128MB |
| RAM | 1GB |
| Camera Features | |
| Image Sensor | 1/2" Progressive CMOS |
| Maximum Resolution | 1920x1080 |
| Video | |
| WDR Technology | WDR Pro II |
| Day/Night | Yes |
| Removable IR-cut Filter | Yes |
| Minimum Illumination | 0.01 Lux @ F1.5 (Color) 0.005 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 (Max. SD card capacity:128GB) Seamless Recording |
| Compression | H.265, H.264, MJPEG |
| Maximum Frame Rate | 60 fps @ 2MP |
| Maximum Streams | 4 simultaneous streams |
| S/N Ratio | 66.2 dB |
| Dynamic Range | 140 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 microphone 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, TLS |
| 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. |
| 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/PoE connection *1 Audio input *1 Audio output *1 DC 12V/AC 24V power in *1 Digital input *2 Digital output *2 RS485 *1 BNC *1 |
| LED Indicator | System power and status indicator |
| Power Input | IEEE 802.3af PoE Class 0 DC 12V AC 24V |
| Power Consumption | DC 12V: Max. 9 W AC 24V: Max. 18 W PoE: Max. 9.06 W |
| Dimensions | 151 x 70 x 61 mm (w/o lens) 227 x 70 x 61 mm (w/ lens) |
| Weight | 680 g (w/o lens) 800 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 ~ 60°C (14°F ~ 140°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 |

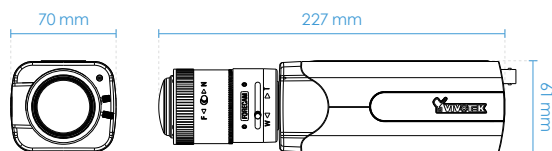
Technical Specifications

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







Included Accessories

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

Dimensions



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-239 8 ~ 80mm, F1.6, DC-iris</p> |
| Lens | | |
|  <p>AL-24A 12 ~ 40mm, F1.8, P-iris</p> |  <p>AL-24B 3.6 ~ 17mm, F1.5, P-iris (Standard Package)</p> |  <p>AL-24D 25 ~ 135mm, F1.8, P-iris</p> |