



IP9165-HT

Box Network Camera



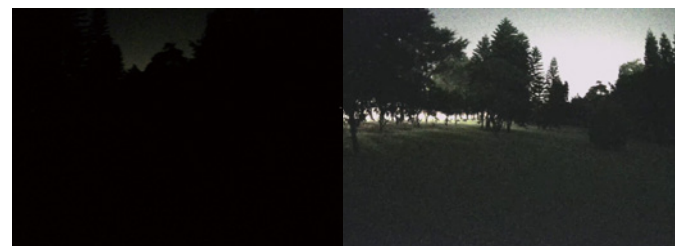
2MP 60fps • SNV II • WDR Pro II • Smart Stream III •
Remote Focus • i-CS

VIVOTEK's IP9165-HT is a professional H.265 box network camera offering up to 60 fps at 1080p with superior image quality. Equipped with an i-CS (intelligent-CS mount) lens with LSC (Lens Shading Correction) and LDC (Lens Distortion Correction) calibration functions to obtain better images than traditional lenses, the camera also enables installers to efficiently adjust zoom/focus remotely via remote focus system.

Employing VIVOTEK's SNV II, WDR Pro II and Smart Stream III technologies, the IP9165-HT is capable of capturing the highest quality images in both low light and high contrast environments. These features provide impressive reduction of bandwidth and storage while still maintaining excellent image quality when compared to traditional H.264 devices without smart streaming. Such function-rich combinations make the IP9165-HT suitable for a wide range of video surveillance applications, including government and industrial buildings, airports, railway stations, traffic intersections and university campuses.

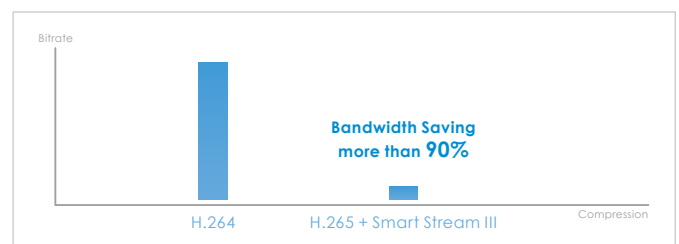
Key Features

- 60 fps @ 1920x1080
- H.265 Compression Technology
- 3.9 ~ 10 mm, Remote Focus, i-CS Lens (Intelligent-CS)
- 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
- Lens Profile for Camera Quality Optimization



Without SNV II

With SNV II



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

Technical Specifications

| | | | |
|-------------------------------|---|------------------------|--|
| Model | IP9165-HT | Network | |
| System Information | | Users | Live viewing for up to 10 clients |
| CPU | Multimedia SoC (System-on-Chip) | 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 |
| Flash | 128MB | 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. |
| RAM | 1GB | ONVIF | Supported, specification available at www.onvif.org |
| Camera Features | | Intelligent Video | |
| Image Sensor | 1/2" Progressive CMOS | Video Motion Detection | Five-window video motion detection |
| Maximum Resolution | 1920x1080 | Alarm and Event | |
| Lens Type | Vari-focal, Remote Focus, i-CS | 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 |
| Focal Length | f = 3.9 ~ 10 mm | 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 |
| Aperture | F1.5 ~ F2.7 | General | |
| Iris type | i-CS (P-iris/DC-iris reserved) | 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 |
| Field of View | 42.7° ~ 109.7° (Horizontal) 23.9° ~ 58.5° (Vertical) 49° ~ 129.9° (Diagonal) | LED Indicator | System power and status indicator |
| Shutter Time | 1/5 sec. to 1/32,000 sec. | Power Input | IEEE 802.3af PoE Class 0 DC 12V AC 24V |
| WDR Technology | WDR Pro II | Power Consumption | DC 12V: Max. 9 W AC 24V: Max. 18 W PoE: Max. 9.06 W |
| Day/Night | Yes | Dimensions | 151 x 70 x 61 mm (w/o lens) 210 x 70 x 61 mm (w/ lens) |
| Removable IR-cut Filter | Yes | Weight | 680 g (w/o lens) 790 g (w/ lens) |
| Minimum Illumination | 0.01 Lux @ F1.5 (Color) 0.005 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 ~ 60°C (14°F ~ 140°F) |
| On-board Storage | Slot type: MicroSD/SDHC/SDXC card slot (Max. SD card capacity:128GB) Seamless Recording | Humidity | 90% |
| Video | | Warranty | 36 months |
| Compression | H.265, H.264, MJPEG | System Requirements | |
| Maximum Frame Rate | 60 fps @ 1920x1080 | Operating System | Microsoft Windows 8/7 |
| Maximum Streams | 4 simultaneous streams | Web Browser | Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11 |
| 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, remote focus, lens distortion correction (LDC) | | |
| Audio | | | |
| Audio Capability | Two-way audio | | |
| Compression | G.711, G.726 | | |
| Interface | External microphone input External line output | | |

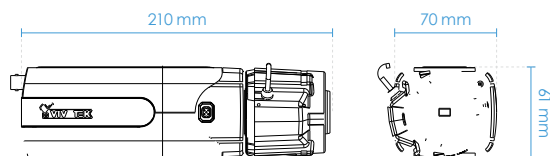
Technical Specifications

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 | | 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> |  <p>AL-24A 12 ~ 40mm, F1.8, P-iris</p> |
| Lens | | | |
|  <p>AL-24B 3.6 ~ 17mm, F1.5, P-iris</p> |  <p>AL-24D 25 ~ 135mm, F1.8, P-iris</p> |  <p>AL-251 3.9 ~ 10mm, F1.5, i-CS (Standard Package)</p> | |