



# IP9167-HT

Box Network Camera



2MP 30fps • H.265 • SNV • Smart Stream III • WDR Pro • Corridor View • Remote Focus

VIVOTEK's IP9167-HT is a brand-new professional H.265 box network camera designed for a wide range of surveillance application, such as city surveillance, banking and SMB. It is equipped with a 2MP sensor with a viewing resolution of 1920x1080 at 30 fps. Furthermore, IP9167-HT includes either a f2.8-12mm or a f12-40mm remote focus lens, allowing the installer to have great coverage flexibility.

With the most up to date VIVOTEK Smart Stream III technology, the camera is able to optimize quality for desired regions and thus ensure maximum bandwidth efficiency. By combining both H.265 and Smart Stream III, the IP9167-HT can reduce both bandwidth and storage consumption by up to 90%\*.

In addition, the IP9167-HT is equipped with WDR Pro enabling the camera to capture both the dark and bright areas of an image, then combining the differences to create a highly realistic representation of the original scene. Even further improving the camera's versatility, the IP9167-HT includes SNV technology, making possible high quality full-color surveillance video under low-light conditions. These combined features enable the IP9167-HT to provide video quality strikingly close to the capabilities of the human eye.

\* Depending on scenes

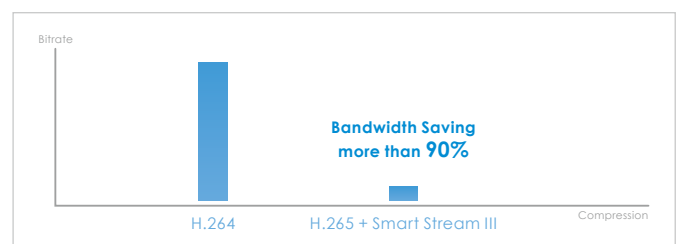
## Key Features

- H.265 Compression Technology
- 30 fps @ 1920x1080
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- SNV (Supreme Night Visibility) for Low Light Conditions
- Smart Stream III to Optimize Bandwidth Efficiency
- DIS (Digital Image Stabilization) to Control Image Stability
- Video Rotation for Corridor View
- Remote Focus Lens for Easy Installation



Without WDR Pro

With WDR Pro



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

## Technical Specifications

Model	IP9167-HT(2.8-10mm): f = 2.8-10 mm IP9167-HT(12-40mm): f = 12-40 mm		
<b>System Information</b>			
CPU	Multimedia SoC (System-on-Chip)		
Flash	128 MB		
RAM	512 MB		
<b>Camera Features</b>			
Image Sensor	1/2.8" Progressive CMOS		
Max. Resolution	1920x1080		
Lens Type	Vari-focal, Remote Focus, CS-mount		
Focal Length	IP9167-HT(2.8-10mm): f = 2.8 ~ 10 mm IP9167-HT(12-40mm): f = 12 ~ 40 mm		
Aperture	IP9167-HT(2.8-10mm): F1.6 ~ F2.97 IP9167-HT(12-40mm): F1.8 ~ F2.3		
Iris type	P-iris		
Field of View	IP9167-HT(2.8-10mm): 35° ~ 105° (Horizontal) 20° ~ 55° (Vertical) 41° ~ 127° (Diagonal) IP9167-HT(12-40mm): 10° ~ 26° (Horizontal) 6° ~ 14° (Vertical) 11° ~ 30° (Diagonal)		
Shutter Time	1/5 sec. to 1/32,000 sec.		
WDR Technology	WDR Pro		
Minimum Illumination	IP9167-HT(2.8-10mm): 0.07 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W) IP9167-HT(12-40mm): 0.09 Lux @ F1.8 (Color) 0.01 Lux @ F1.8 (B/W)		
Day/Night	Removable IR-cut filter for day & night function		
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 Seamless Recording		
<b>Video</b>			
Compression	H.265, H.264, MJPEG		
Maximum Frame Rate	30 fps @ 1920x1080		
Maximum Streams	3 simultaneous streams		
S/N Ratio	61 dB		
Dynamic Range	120 dB		
Video Streaming	Adjustable resolution, quality and bitrate, 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, AE speed, backlight compensation, privacy masks; Scheduled profile settings, HLC, defog, 3DNR, DIS, video rotation		
<b>Audio</b>			
Audio Capability	Two-way audio		
Compression	G.711, G.726		
Interface	External microphone input External line output		
<b>Network</b>			
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 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		
<b>Intelligent Video</b>			
Video Motion Detection	Five-window video motion detection		
<b>Alarm and Event</b>			
Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio 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		
<b>General</b>			
Connectors	RJ-45 cable connector for Network 10/100 Mbps PoE connection*1 Audio input*1 Audio output*1 DC 12V power input*1 Digital input*2 Digital output*2 RS-485*1		
LED Indicator	System power and status indicator		
Power Input	IEEE 802.3af PoE Class 2 DC 12V		
Power Consumption	Max. 6.5W		
Dimensions	IP9167-HT(2.8-10mm): 188 (D) x 70 (W) x 61 (H) mm IP9167-HT(12-40mm): 205 (D) x 70 (W) x 61 (H) mm		
Weight	IP9167-HT(2.8-10mm): 660 g IP9167-HT(12-40mm): 710 g		
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL, EN50121-4		
Operating Temperature	Start Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working temperature: -10°C ~ 50°C (14°F ~ 122°F)		
Humidity	90%		
Warranty	36 months		

## Technical Specifications

### System Requirements

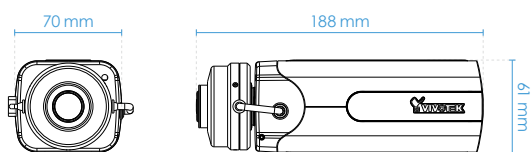
Operating System	Microsoft Windows 8/7
Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above Quicktime: 7 or above

### Included Accessories

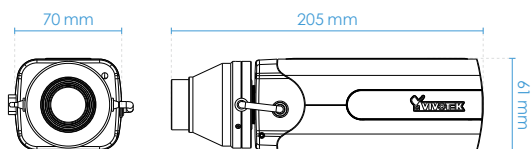
Others	Quick installation guide, warranty card, camera stand, screw pack
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### Dimensions

#### IP9167-HT(2.8-10mm)



#### IP9167-HT(12-40mm)



## Compatible Accessories

### Enclosures



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



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