



# FD9167-H

Fixed Dome Network Camera

2MP 30fps • SNV • WDR Pro • Smart Stream III •  
30M IR • PIR

The FD9167-H is the new professional indoor IR dome network camera from VIVOTEK, equipped with a full HD sensor capable of 1920x1080 resolution at 30 fps. With the most updated VIVOTEK SNV and WDR Pro technology, the FD9167-H is capable of capturing the highest quality images in both low light and high contrast environments.

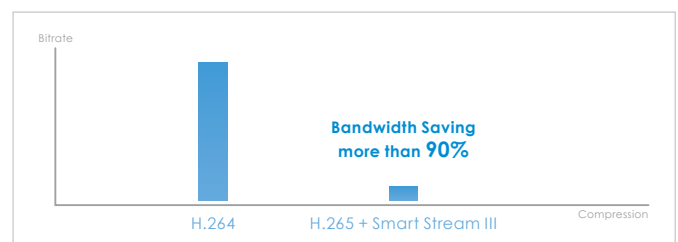
The FD9167-H also offers great image in night time by equipping IR illuminators with effective range up to 30 meters. Additionally, the FD9167-H employs VIVOTEK's Smart Stream III technology and H.265 compression codec, reducing bandwidth more than

90%\* while still maintaining excellent image quality compared to traditional H.264 without smart streaming. Furthermore, the VIVOTEK VADP (VIVOTEK Application Development Platform) allows users to add customized programs for various applications and user scenarios. The FD9167-H also includes a PIR sensor as well as a built-in microphone, enabling further detection of unexpected events.

\* Depending on scenes

## Key Features

- 30 fps @ 1920x1080
- H.265 Compression Technology
- Smart Stream III to Optimize Bandwidth Efficiency
- SNV (Supreme Night Visibility) for Low Light Conditions
- WDR Pro for Unparalleled Visibility in Extremely Bright and Dark Environments
- Built-in IR Illuminators, Effective up to 30 Meters
- Two-way Audio
- 3D Noise Reduction for Low-light Conditions
- Built-in MicroSD/SDHC/SDXC Card Slot
- Trend Micro IoT Security within Standard Warranty Period



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

## Technical Specifications

Model	FD9167-H		
<b>System Information</b>			
CPU	Multimedia SoC (System-on-Chip)		
Flash	128MB		
RAM	512MB		
<b>Camera Features</b>			
Image Sensor	1/2.8" Progressive CMOS		
Maximum Resolution	1920x1080		
Lens Type	Fixed-focus		
Focal Length	f = 2.8 mm		
Aperture	F1.6		
Auto-iris	Fixed-iris		
Field of View	109° (Horizontal) 61° (Vertical) 126° (Diagonal)		
Shutter Time	1/5 sec. to 1/32,000 sec.		
WDR Technology	WDR Pro		
Day/Night	Removable IR-cut filter for day & night function		
Minimum Illumination	0.07 Lux @ F1.6 (Color) 0.001 Lux @ F1.6 (B/W) 0 Lux with IR illumination on		
Pan Range	350°		
Tilt Range	70°		
Rotation Range	180°		
Pan/Tilt/Zoom Functionalities	ePTZ;48x digital zoom (4x on IE plug-in, 12x built in)		
IR Illuminators	Built-in IR illuminators, effective up to 30 meters with Smart IR, IR LED*2		
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	58 dB		
Dynamic Range	120 dB		
Video Streaming	Adjustable resolution, quality and constant bit rate control; Smart Stream III		
		Image Settings	Time stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; Scheduled profile settings, video rotation, 3DNR, DIS, HLC
		<b>Audio</b>	
		Audio Capability	Two-way audio
		Compression	G.711, G.726
		Interface	Built-in Mic External Mic input External line output
		Effective Range	5 meters
		<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, SSL/ 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 <a href="http://www.onvif.org">www.onvif.org</a>
		<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 Audio Mic in Audio line out DC 12V Digital input *1 Digital output *1
		LED Indicator	System power and status indicator
		Power Input	DC 12V IEEE 802.3af PoE Class 0
		Power Consumption	Max. 7 W
		Dimensions	Ø 139 x 104 mm
		Weight	459 g
		Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL

## Technical Specifications

Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Humidity	90%
Warranty	24 months
<b>System Requirements</b>	
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

## Compatible Accessories

### Mounting Kits



AM-21A  
L-shape Bracket



AM-514  
Adapting Plate

### Included Accessories

Others Quick installation guide, warranty card, screw pack, alignment sticker

### Dimensions

