



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

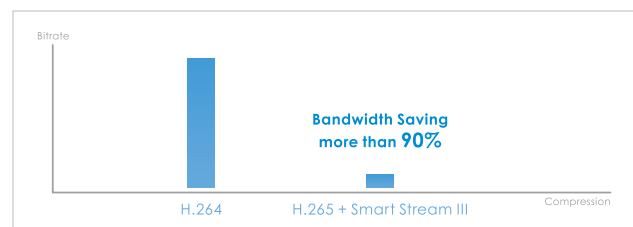
Key Features

- 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



Without WDR Pro

With WDR Pro



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

Technical Specifications

Model	FD9167-H	
System Information		
CPU	Multimedia SoC (System-on-Chip)	
Flash	128MB	
RAM	512MB	
Camera Features		
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	
Video		
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
Audio		
Audio Capability	Two-way audio	
Compression	G.711, G.726	
Interface	Built-in Mic External Mic input External line output	
Effective Range	5 meters	
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, 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 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, 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 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	

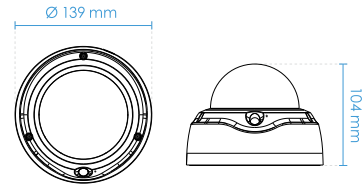
Technical Specifications

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
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, screw pack, alignment sticker
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Dimensions



Compatible Accessories

Mounting Kits



AM-21A
L-shape Bracket



AM-514
Adapting Plate