



FD9187-H

Fixed Dome Network Camera



2MP 60fps • SNV • WDR Pro • Smart Stream III •
Smart IR • 30M IR

VIVOTEK FD9187-H is indoor dome network camera equipped with a full HD sensor enabling resolution of 2560 x 1944 at 30 fps. And FD9187-H also supports standard 1920x1080 resolution at 60 frames per second. Featuring VIVOTEK SNV and WDR Pro technology, FD9187-H is capable of capturing high quality image whether in high contrast or low light environment.

The FD9187-H offers fixed lens for different user scenario. IR illuminators are equipped with 30 meter effective range for better night visibility. For indoor applications, PIR sensor is built-in to detect unexpected events.

Employing VIVOTEK's Smart Stream III technology and H.265 codec support, the FD9187-H reduces bandwidth up to 90%* while keeping great image quality. Additionally, VIVOTEK VADP (VIVOTEK Application Development Platform) allows users to add customized application for various application and user scenarios.

* Depending on scenes

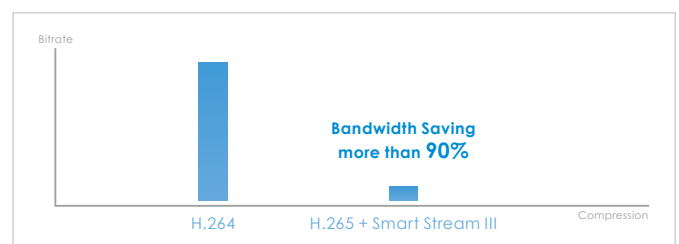
Key Features

- 30fps @ 1920x2560, 60 fps @ 1920x1080
- H.265 Compression Technology
- Smart Stream III to Optimize Bandwidth Efficiency
- SNV (Supreme Night Visibility) for Low Light Conditions
- WDR Pro to Provide Extreme Visibility in Extremely Bright or Dark Environments
- Built-in IR Illuminators, Effective up to 30 Meters
- Smart IR Technology to Avoid Overexposure
- Smart Motion Detection to Reduce False Alarms
- Trend Micro IoT Security within Standard Warranty Period
- Built-in PIR Sensor for Human Detection



Without WDR Pro

With WDR Pro



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

Technical Specifications

Model	FD9187-H
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	256MB
RAM	1GB
Camera Features	
Image Sensor	1/2.7" Progressive CMOS
Maximum Resolution	2560x1920 (5MP)
Lens Type	Fixed-focal
Focal Length	f= 2.8 mm
Aperture	F2.0
Auto-iris	Fixed-iris
Field of View	103° (Horizontal) 76° (Vertical) 134° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut Filter	Yes
Minimum Illumination	0.06 Lux @ F2.0 (Color) <0.01 lux, F2.0 (B/W) 0 Lux with IR illumination on
Pan Range	350°
Tilt Range	80°
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 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 @ 2560x1920 60 fps @ 1920x1080
Maximum Streams	3 simultaneous streams
S/N Ratio	54 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 (full duplex)
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, 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	
Smart Motion Detection	Five-window video motion detection, human detection, time filter
VCA	Line crossing detection, field detection, loitering detection
Alarm and Event	
Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, PIR 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 10/100Mbps Network/PoE connection Audio line input Audio line output AC 24V power input DC 12V power input Digital input *1 Digital output *1
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 0 AC 24V* DC 12V *By Project Request
Power Consumption	PoE: Max. 4.6 W AC 24V*: Max. 7.5 W DC 12V: Max. 4.1 W *By Project Request
Dimensions	139 x 104 mm
Weight	538 g
Safety Certifications	CE, FCC Class B, UL, LVD, VCCI, C-Tick
Operating Temperature	Starting Temperature: 0°C ~ 45°C (32°F ~ 113°F) Working Temperature: -10°C ~ 45°C (14°F ~ 113°F)

Technical Specifications

Humidity	90%
Warranty	36 months

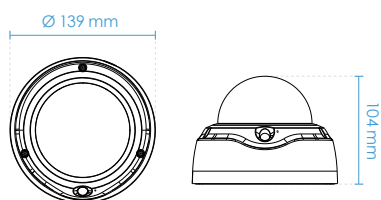
System Requirements

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

Included Accessories

Others	Quick installation guide, warranty card, allignment sticker, screw pack, conduit ring
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Dimensions



Compatible Accessories

Mounting Kits



AM-21A
L-shape Bracket



AM-514
Adapting Plate