



V series **FD9387-HTV**

V series **FD9387-EHTV**

Fixed Dome Network Camera



2MP 60fps • SNV • WDR Pro • Smart Stream III •
Smart IR II • 50M IR • IP67 • IK10 • -50°C ~ 60°C

VIVOTEK FD9387 is a series of outdoor dome network camera offering up to 30 fps @ 5-Megapixel or 60 fps @ full HD sensor with superb image quality at all resolutions or frame rates. And FD9387 Series also supports standard 1920x1080 resolution at 60 frames per second. Featuring VIVOTEK SNV and WDR Pro technology, FD9387 Series is capable of capturing high quality image whether in high contrast or low light environment.

The FD9387 series offers remote focus lens for different user scenario. IR illuminators are equipped with 50 meter effective range for better night visibility. For harsh outdoor environment, FD9387 series is encased in IP66, IP67 and IK10 housing.

Employing VIVOTEK's Smart Stream III technology and H.265 codec support, the FD9387 Series 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. Protecting all these features is the FD9387's IP66, IP67 and IK10 rated housing, capable of operating from -50°C to 60°C (FD9387-EHTV).

* Depending on scenes

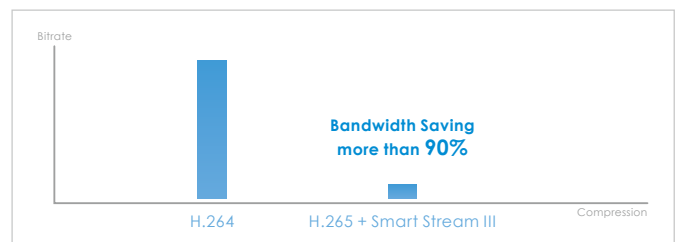
Key Features

- 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 50 meters with Smart IR II
- Smart Motion Detection to Reduce False Alarms
- Trend Micro IoT Security within Standard Warranty Period
- Weather-proof IP66, IP67 and Vandal-proof IK10-rated Housing
- -50°C ~ 60°C Wide Temperature Range for Extreme Weather Conditions (FD9387-EHTV)



Without WDR Pro

With WDR Pro

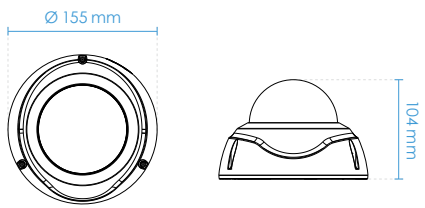


H.265 + Smart Stream III, Ultra-low Bandwidth

Technical Specifications





Model	FD9387-HTV: Vari-focal, Remote Focus FD9387-EHTV: Vari-focal, Remote Focus, -50°C ~ 60°C		
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	Vari-focal, Remote Focus		
Focal Length	f= 2.7 ~ 13.5 mm		
Aperture	F1.85 ~ F2.9		
Auto-iris	P-iris		
Field of View	30 ~ 100° (Horizontal) 23 ~ 72° (Vertical) 38 ~ 135° (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	0.07 Lux @ F1.85 (Color) <0.01 lux, F1.85 (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 50 meters with Smart IR II, IR LED*4		
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	52 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, 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 4 AC 24V* DC 12V *By Project Request

Technical Specifications

Power Consumption	PoE: Max. 6.31 W (Heater off) Max. 13.67 W (Heater on)	Warranty	36 months
	AC 24V*: Max. 10.56 W (Heater off) Max. 23.21 W (Heater on)		
Dimensions	155 x 104 mm	System Requirements	
Weight	909 g	Operating System	Microsoft Windows 8/7
Casing	IP66, IP67, IK10 (Metal Housing)	Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11
Safety Certifications	CE, FCC Class B, UL, LVD, VCCI, C-Tick	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
Operating Temperature	FD9387-HTV: Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F)	Included Accessories	
	FD9387-EHTV: Starting Temperature: -40°C ~ 60°C (-40°F ~ 140°F) Working Temperature: -50°C ~ 60°C (-58°F ~ 140°F)	Others	Quick installation guide, warranty card, alignment sticker, screw pack, conduit ring
Humidity	90%	Dimensions	
			

Compatible Accessories

Mounting Kits

 <p>AM-21A L-shape Bracket</p>	 <p>AM-51C Adapting Plate</p>	 <p>AM-525 Mounting Adapter</p>	 <p>AM-713(v01) Outdoor Conduit Box</p>
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