



# FD8367A-V

Fixed Dome Network Camera



2MP · 30M IR · IP66 · IK10 · Smart Stream II · SNV · Defog

VIVOTEK's FD8367A-V is a fixed dome network camera specifically designed for diverse outdoor applications, with a 2MP sensor enabling a viewing resolution of 1920x1080 at a smooth 30 fps. Dynamic and highly adaptable, the FD8367A-V is an all-in-one camera capable of capturing high quality video at high resolutions of up to 2 Megapixels even in low light environments.

The FD8367A-V features VIVOTEK's sophisticated Smart Stream II technology, allowing the camera to optimize image quality for desired regions, and thus ensure maximum efficiency of bandwidth usage and savings of up to 50% on bandwidth and storage requirements.

In order to adapt to constantly changing outdoor lighting conditions, the FD8367A-V features a removable IR-cut filter as well as IR illuminators effective up to 30M for superior image quality around the clock. For protection against harsh outdoor environments, the camera is encased in a weather-proof IP66-rated housing, making it impervious to rain and dust. The robustness of the FD8367A-V is further strengthened by the adoption of rugged IK10 design housing.

## Key Features

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- Smart Stream II to Optimize Bandwidth Efficiency
- 3D Noise Reduction
- Smart IR Technology to Avoid Overexposure
- SNV (Supreme Night Visibility)



Without Smart Stream II

With Smart Stream II



Ordinary Camera

VIVOTEK SNV Camera



Warehouse



Train Station

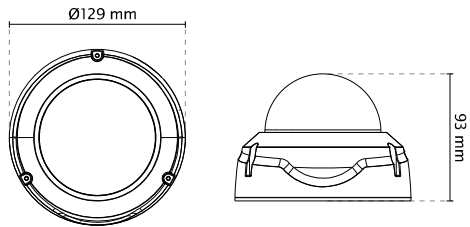


Entrance



Factory

## Technical Specifications

Model	FD8367A-V	ONVIF	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>
<b>System Information</b>		<b>Intelligent Video</b>	
CPU	Multimedia SoC (System-on-Chip)	Video Motion Detection	Five-window video motion detection
Flash	128MB	<b>Alarm and Event</b>	
RAM	256MB	Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection
<b>Camera Features</b>		Alarm Events	Event notification using HTTP, SMTP, FTP and NAS server, SD Card File upload via HTTP, SMTP, FTP, NAS server and SD card
Image Sensor	1/2.9" Progressive CMOS	<b>General</b>	
Maximum Resolution	1920x1080 (2MP)	Connectors	RJ-45 for Network/PoE connection
Lens Type	Vari-focal, Manual	LED Indicator	System power and status indicator
Focal Length	f = 2.8 ~12mm	Power Input	IEEE 802.3af PoE Class 0
Aperture	F1.4~F2.4	Power Consumption	Max: 10.5 W
Auto-iris	DC-iris	Dimensions	Ø: 129 mm x 93 mm
Field of View	33.1°~96.6° (Horizontal) 18.9°~53.4° (Vertical) 35.3°~101.9° (Diagonal)	Weight	Net: 590.6 g
Shutter Time	1/5 sec. to 1/32,000 sec.	Casing	Weather-proof IP66-rated housing Vandal-proof IK10-rated housing
WDR Technology	WDR Enhanced	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick
Day/Night	Removable IR-cut filter for day & night function	Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F~ 122°F)
Minimum Illumination	0.05 Lux @ F1.4 (Color) 0.01 Lux @ F1.4 (B/W)	Humidity	90%
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)	Warranty	36 months
IR Illuminators	Built-in IR illuminators, effective up to 30 meters with Smart IR IR LED*8	<b>System Requirements</b>	
On-board Storage	MicroSD/SDHC/SDXC card slot Seamless Recording	Operating System	Microsoft Windows 8/7/Vista/XP/2000
<b>Video</b>		Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 7/8/9/10/11
Compression	H.264 & MJPEG	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
Maximum Frame Rate	30 fps @ 1920x1080 In both compression modes	<b>Included Accessories</b>	
Maximum Streams	4 simultaneous streams	CD	User's manual, quick installation guide, Installation Wizard 2, VAST 32-channel recording software
S/N Ratio	70.9 dB	Others	Quick installation guide, alignment sticker, screw pack
Dynamic Range	69.4 dB	<b>Dimensions</b>	
Video Streaming	Adjustable resolution, quality and bitrate Smart Stream II		
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, 3D noise reduction, video rotation, defog		
<b>Network</b>			
Users	Live viewing for up to 10 clients		
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL, TLS		
Interface	10 Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.		

## Compatible Accessories

### Mounting Kits



**AM-21A**  
L-shape Bracket  
(Coming Soon)



**AM-528**  
Mounting Adapter



**AM-51D**  
Adapter Ring

## Cloud-based Solution

