



# FD8367A-V

Fixed Dome Network Camera



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

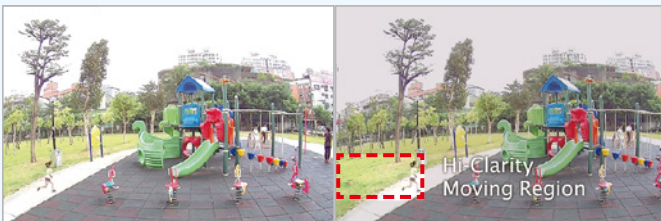
VIVOTEK's FD8367A-V is a fixed dome network camera specifically designed for diverse outdoor applications, with a 2MP sensor enabling a viewing resolution of 1920x1080 at a smooth 30 fps. Dynamic and highly adaptable, the FD8367A-V is an all-in-one camera capable of capturing high quality video at high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



Without Smart Stream II

With Smart Stream II



Warehouse



Train Station



Ordinary Camera

VIVOTEK SNV Camera



Entrance



Factory

## Technical Specifications

Model	FD8367A-V
<b>System Information</b>	
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	256MB
<b>Camera Features</b>	
Image Sensor	1/2.9" Progressive CMOS
Maximum Resolution	1920x1080 (2MP)
Lens Type	Vari-focal, Manual
Focal Length	f = 2.8 ~12mm
Aperture	F1.4~F2.4
Auto-iris	DC-iris
Field of View	33.1'~96.6' (Horizontal) 18.9'~53.4' (Vertical) 35.3'~101.9' (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Enhanced
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.05 Lux @ F1.4 (Color) 0.01 Lux @ F1.4 (B/W)
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 LED*8
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording
<b>Video</b>	
Compression	H.264 & MJPEG
Maximum Frame Rate	30 fps @ 1920x1080 In both compression modes
Maximum Streams	4 simultaneous streams
S/N Ratio	70.9 dB
Dynamic Range	69.4 dB
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, CIFS/SMB
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.
ONVIF	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>

## Intelligent Video

Video Motion Detection Five-window video motion detection

## Alarm and Event

Alarm Triggers Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection

Alarm Events Event notification using HTTP, SMTP, FTP, NAS server and MicroSD card  
File upload via HTTP, SMTP, FTP, NAS server and MicroSD card

## General

Connectors RJ-45 for Network/PoE connection

LED Indicator System power and status indicator

Power Input IEEE 802.3af PoE Class 0

Power Consumption Max: 10.5 W

Dimensions Ø 129 x 93 mm

Weight Net: 590.6 g

Casing Weather-proof IP66-rated housing  
Vandal-proof IK10-rated housing

Safety Certifications CE, LVD, FCC Class A, VCCI, C-Tick, UL

Operating Temperature  
FD8367A-V:  
Starting Temperature: -10°C ~ 50°C (14°F~ 122°F)  
Working Temperature: -20°C ~ 50°C (-4°F~ 122°F)  
FD8367A-V (OP-40):  
Starting Temperature: -10°C ~ 50°C (14°F~ 122°F)  
Working Temperature: -40°C ~ 50°C (-40°F~ 122°F)

Humidity 90%

Warranty 36 months

## System Requirements

Operating System Microsoft Windows 8/7

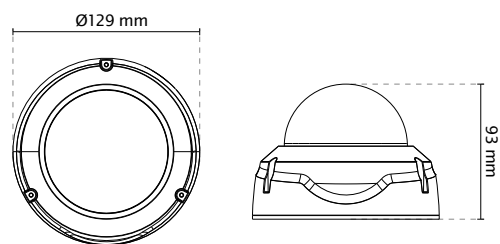
Web Browser Internet Explorer 10/11  
Chrome version 58.0.3029 or above

Other Players VLC: 1.1.11 or above  
QuickTime: 7 or above

## Included Accessories

Others Quick installation guide, alignment sticker, screw pack

## Dimensions



## Compatible Accessories

### Mounting Kits



**AM-21A**  
L-shape Bracket



**AM-528**  
Mounting Adapter



**AM-51D**  
Adapter Ring

## Cloud-based Solution



## Ordering Information

Model	Description	Part Number
FD8367A-V	2MP, 30M IR, IP66, IK10, Vari-focal, Operating Temp. -20°C ~ 50°C	100144900G
		100156700G, US
FD8367A-V (OP-40)	2MP, 30M IR, IP66, IK10, Vari-focal, Operating Temp. -40°C ~ 50°C	100178000G