



FD8367A-V

Fixed Dome Network Camera



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

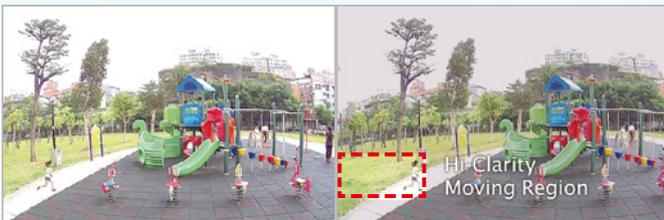
VIVOTEK's FD8367A-V is a fixed dome network camera specifically designed for diverse outdoor applications, with a 2MP sensor enabling a viewing resolution of 1920x1080 at a smooth 30 fps. Dynamic and highly adaptable, the FD8367A-V is an all-in-one camera capable of capturing high quality video at high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



Without Smart Stream II

With Smart Stream II



Warehouse



Train Station



Ordinary Camera



VIVOTEK SNV Camera



Entrance



Factory

Technical Specifications

Model	FD8367A-V
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	256MB
Camera Features	
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
Video	
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
Network	
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 www.onvif.org

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

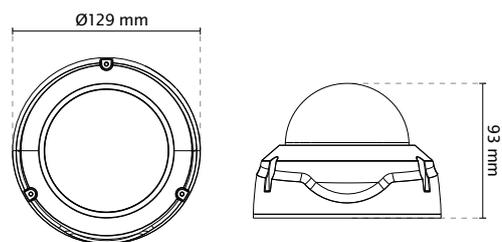
Web Browser Internet Explorer 10/11
Chrome version 58.0.3029 or above

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 (Black)	2MP, 30M IR, IP66, IK10, Vari-focal, Operating Temp. -20°C ~ 50°C, Black	100192700G
FD8367A-V (OP-40)	2MP, 30M IR, IP66, IK10, Vari-focal, Operating Temp. -40°C ~ 50°C	100178000G