VIVOTEK

V series
FD8367A-V
Fixed Dome Network Camera

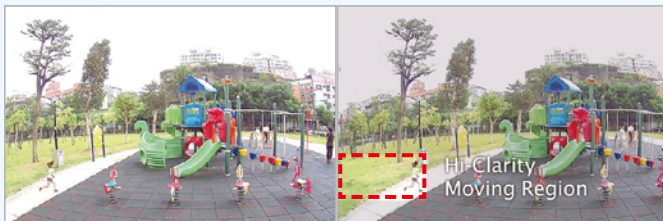## 2MP · 30M IR · IP66 · IK10 · Smart Stream II · SNV · Defog

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

Warehouse

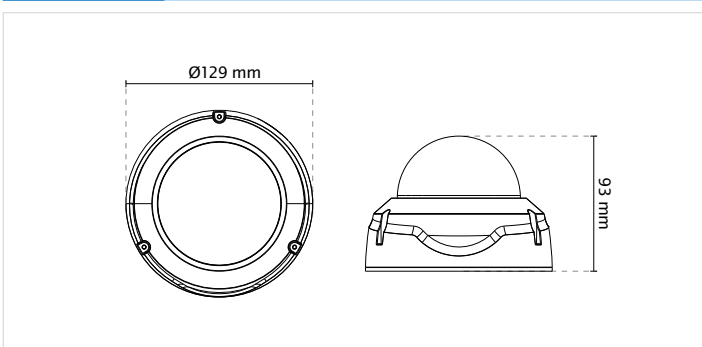Train Station

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 IR LED*8
On-board Storage	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
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 and NAS server, SD Card File upload via HTTP, SMTP, FTP, NAS server and SD 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 mm 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
Operating Temperature	Starting Temperature: -10˚C ~ 50˚C (14˚F~ 122˚F) Working Temperature: -20˚C ~ 50˚C (-4˚F~ 122˚F)
Humidity	90%
Warranty	36 months
System Requirements	
Operating System	Microsoft Windows 8/7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 7/8/9/10/11
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
Included Accessories	
CD	User's manual, quick installation guide, Installation Wizard 2, VAST 32-channel recording software
Others	Quick installation guide, alignment sticker, screw pack

Dimensions

Ø129 mm

93 mm

Compatible Accessories

Mounting Kits

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

AM-528
Mounting Adapter

AM-51D
Adapter Ring

Cloud-based Solution

Stratocast™