



FD8167A

Fixed Dome Network Camera



2MP · 20M IR · Smart Stream II · SNV · Defog

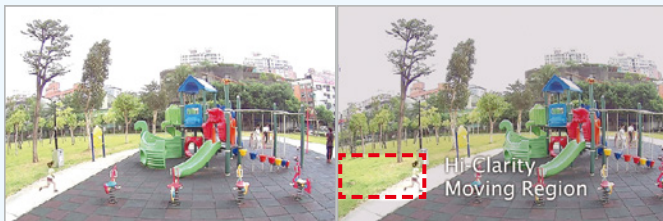
VIVOTEK FD8167A is an easy-to-use fixed dome network camera specifically designed for indoor security applications with a compact, stylish exterior. Equipped with a 2MP sensor enabling viewing resolution of 1920x1080 at a smooth 30 fps, the FD8167A is an all-in-one camera capable of capturing high quality and high resolution video up to 2 Megapixel even in low light environments.

The FD8167A 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 FD8167A features a removable IR-cut filter as well as IR illuminators effective up to 20M for superior image quality around the clock. Incorporating a number of advanced features standard for VIVOTEK cameras, including video rotation, defog, a dedicated MicroSD/SDHC/SDXC card slot, and VIVOTEK's 32-channel recording software, the FD8167A is the ideal solution for your indoor surveillance needs.

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 20 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
- SNV (Supreme Night Visibility)
- Smart Stream II to Optimize Bandwidth Efficiency
- 3D Noise Reduction
- Smart IR Technology to Avoid Overexposure



Without Smart Stream II

With Smart Stream II

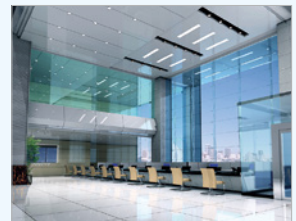


Ordinary Camera

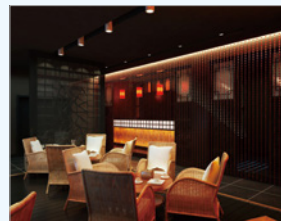
VIVOTEK SNV Camera



Library



Bank

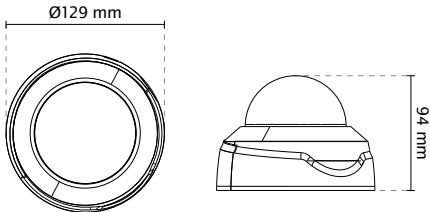


Low Light



Restaurant

Technical Specifications

Model	FD8167A	ONVIF	Supported, specification available at www.onvif.org
System Information		Intelligent Video	
CPU	Multimedia SoC (System-on-Chip)	Video Motion Detection	Five-window video motion detection
Flash	128MB	Alarm and Event	
RAM	256MB	Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection
Camera Features		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	General	
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: 8.5 W
Auto-iris	DC-iris	Dimensions	Ø: 129 mm x 94 mm
Field of View	33.1°~96.6° (Horizontal) 18.9°~53.4° (Vertical) 35.3°~101.9° (Diagonal)	Weight	Net: 416.4 g
Shutter Time	1/5 sec. to 1/32,000 sec.	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
WDR Technology	WDR Enhanced	Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Day/Night	Removable IR-cut filter for day & night function	Humidity	90%
Minimum Illumination	0.05 Lux @ F1.4 (Color) 0.01 Lux @ F1.4 (B/W)	Warranty	36 months
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)	System Requirements	
IR Illuminators	Built-in IR illuminators, effective up to 20 meters with Smart IR IR LED*8	Operating System	Microsoft Windows 8/7/Vista/XP/2000
On-board Storage	MicroSD/SDHC/SDXC card slot Seamless Recording	Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 7/8/9/10/11
Video		Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
Compression	H.264 & MJPEG	Included Accessories	
Maximum Frame Rate	30 fps @ 1920x1080 In both compression modes	CD	User's manual, quick installation guide, Installation Wizard 2, VAST 32-channel recording software
Maximum Streams	4 simultaneous streams	Others	Quick installation guide, alignment sticker, screw pack
S/N Ratio	70.9 dB	Dimensions	
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.		

Compatible Accessories

Mounting Kits



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



AM-528
Mounting Adapter



AM-51D
Adapter Ring