



# FD8154

Fixed Dome Network Camera

1.3MP · SNV · Day & Night · 20M IR · 3DNR

VIVOTEK FD8154 is a compact fixed dome network camera with 1.3-Megapixel resolution and the ability to output 30 frames per second in H.264 compression. It includes multiple streams with different settings and applications, such as recording or live viewing, delivering excellent image quality during both daytime and nighttime.

Equipped with SNV (Supreme Night Visibility) technology, the FD8154 offers increased sensitivity to low light and provides clear images in dark conditions. In addition, built-in IR LEDs enables the camera to provide enough illumination for clear viewing up to 20 meters, even in completely dark environments.

Users can also benefit from simple installation with the compact housing and standard PoE power input design, as well as an SD card slot for local storage use.

## Key Features

- 1.3-Megapixel CMOS Sensor
- 30 fps @ 1280x1024
- 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
- Build-in MicroSD/SDHC/SDXC card slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- 3D Noise Reduction
- Supreme Night Visibility
- Selectable Lens



Library



Bank

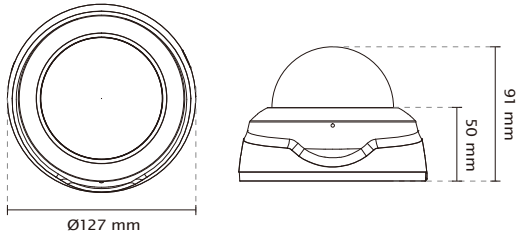


Retail



Restaurant

## Technical Specifications

Model	FD8154-F2 FD8154-F4	Network	
<b>System Information</b>		Users	Live viewing for up to 10 clients
CPU	Multimedia SoC (System-on-Chip)	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
Flash	128MB	Interface	10Base-T/100 BaseTX Ethernet (RJ-45)
RAM	128MB	ONVIF	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Camera Features</b>		<b>Intelligent Video</b>	
Image Sensor	1/3" Progressive CMOS	Video Motion Detection	Triple-window video motion detection
Maximum Resolution	1280x1024	<b>Alarm and Event</b>	
Lens Type	Fixed-focal	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
Focal Length	f = 2.8 mm (FD8154-F2) f = 4 mm (FD8154-F4)	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Aperture	F2.0 (FD8154-F2) F1.6 (FD8154-F4)	<b>General</b>	
Field of View	FD8154-F2: 101° (horizontal) 80° (vertical) 130° (diagonal) FD8154-F4: 69° (horizontal) 54° (vertical) 87° (diagonal)	Connectors	RJ-45 for Network/PoE connection Digital input*1
Shutter Time	1/5 sec. to 1/32,000 sec.	LED Indicator	System power and status indicator
Day/Night	Removable IR-cut filter for day & night function	Power Input	IEEE 802.3af PoE Class 2
Minimum Illumination	0.08 Lux @ F1.6, 30 IRE (Color) 0.06 Lux @ F1.6, 30 IRE (B/W) 0 Lux @ IR LED ON	Power Consumption	Max. 5.1W
Pan/tilt/zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)	Dimensions	Ø: 127 mm x 91 mm
IR Illuminators	Built-in IR illuminators, effective up to 20 meters IR LED*8	Weight	Net: 448g
On-board Storage	MicroSD/SDHC/SDXC card slot	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
<b>Video</b>		Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F)
Compression	H.264 & MJPEG	Warranty	24 months
Maximum Frame Rate	30 fps @ 1280x1024 In both compression	<b>System Requirements</b>	
Maximum Streams	3 simultaneous streams	Operating System	Microsoft Windows 7/Vista/XP/2000
S/N Ratio	Above 56 dB	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7.x, 8.x, 9.x, 10.x
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
Image Settings	Adjustable image size, quality and bit rate 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	<b>Included Accessories</b>	
<b>Audio</b>		CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Audio Capability	Audio input	Others	Quick installation guide, warranty card, alignment sticker, screw pack, software CD
Compression	G.711	<b>Dimensions</b>	
Interface	Built-in microphone		
Effective Range	5 meters		

## Compatible Accessories

### Mounting Kits



**AM-211**  
L-shape wall mount

### PoE Kits



**POE-IJ-1748NDN**  
802.3af Compliant PoE Injector

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