



FD8154V

Fixed Dome Network Camera

1.3MP · SNV · Day & Night · 20M IR · IP66 · IK10 · 3DNR

VIVOTEK FD8154V 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 FD8154V 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.

Additionally, the FD8154V is an outdoor-ready camera with an IP66-rated weatherproof and IK10-rated vandal-proof housing for increased camera protection. With all of these features and more, the FD8154V is an ideal solution for megapixel surveillance needs.

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
- Built-in MicroSD/SDHC/SDXC card slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- Vandal-proof IK10-rated and Weather-proof IP66-rated Housing
- 3D Noise Reduction
- Supreme Night Visibility
- Selectable Lens



Ordinary Camera



Airport



Parking Lot



Campus



Entrance

Technical Specifications

Model	FD8154V-F2 FD8154V-F4	Network	
System Information		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 www.onvif.org
Camera Features		Intelligent Video	
Image Sensor	1/3" Progressive CMOS	Video Motion Detection	Triple-window video motion detection
Maximum Resolution	1280x1024	Alarm and Event	
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 (FD8154V-F2) f = 4 mm (FD8154V-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 (FD8154V-F2) F1.6 (FD8154V-F4)	General	
Field of View	FD8154V-F2: 101° (horizontal) 80° (vertical) 130° (diagonal) FD8154V-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	ePTZ:	Dimensions	Ø: 152 mm x 94 mm
Functionalities	48x digital zoom (4x on IE plug-in, 12x built-in)	Weight	Net: 659g
IR Illuminators	Built-in IR illuminators, effective up to 20 meters IR LED*8	Casing	Vandal-proof IK10-rated metal housing Weather-proof IP66-rated housing
On-board Storage	MicroSD/SDHC/SDXC card slot	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick
Video		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	System Requirements	
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	Included Accessories	
Audio		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	Dimensions	
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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