VIVOTEK

2 year warranty · VIVOTEK

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.
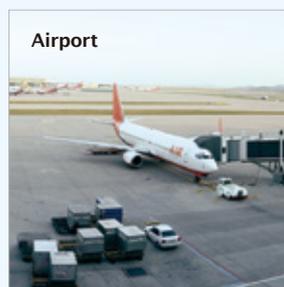
Key Features

- 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
- Build-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
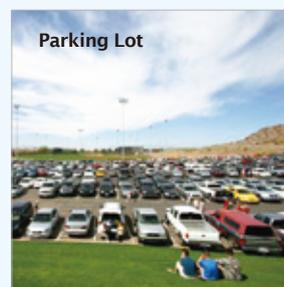- Supreme Night Visibility
- Selectable Lens

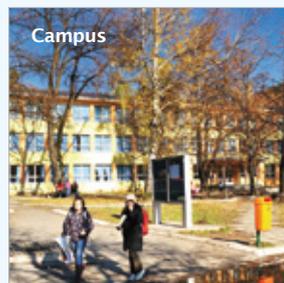**VIVOTEK SNV Camera - Show you true colors at night**
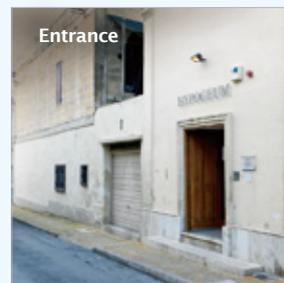
Ordinary Camera

Airport

Parking Lot

Campus

Entrance

Technical Specifications

Model	FD8154V-F2
	FD8154V-F4

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	128MB

Camera Features

Image Sensor	1/3" Progressive CMOS
Maximum Resolution	1280x1024
Lens Type	Fixed-focal
Focal Length	f = 2.8 mm (FD8154V-F2)
	f = 4 mm (FD8154V-F4)
Aperture	F2.0 (FD8154V-F2)
	F1.6 (FD8154V-F4)
Field of View	FD8154V-F2:
	101˚ (horizontal)
	80˚ (vertical)
	130˚ (diagonal)
	FD8154V-F4:
	69˚ (horizontal)
	54˚ (vertical)
	87˚ (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.08 Lux @ F1.6, 30 IRE (Color)
	0.06 Lux @ F1.6, 30 IRE (B/W)
	0 Lux @ IR LED ON
Pan/tilt/zoom	ePTZ:
Functionalities	48x digital zoom (4x on IE plug-in, 12x built-in)
IR Illuminators	Built-in IR illuminators, effective up to 20 meters
	IR LED*8
On-board Storage	MicroSD/SDHC/SDXC card slot

Video

Compression	H.264 & MJPEG
Maximum Frame Rate	30 fps @ 1280x1024
	In both compression
Maximum Streams	3 simultaneous streams
S/N Ratio	Above 56 dB
Video Streaming	Adjustable resolution, quality and bitrate
	Configurable video cropping for bandwidth saving
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

Audio

Audio Capability	Audio input
Compression	G.711
Interface	Built-in microphone
Effective Range	5 meters

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
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)
ONVIF	Supported, specification available at www.onvif.org

Intelligent Video

Video Motion Detection	Triple-window video motion detection

Alarm and Event

Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server
	File upload via HTTP, SMTP, FTP and NAS server

General

Connectors	RJ-45 for Network/PoE connection
	Digital input*1
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 2
Power Consumption	Max. 5.1W
Dimensions	Ø: 152 mm x 94 mm
Weight	Net: 659g
Casing	Vandal-proof IK10-rated metal housing
	Weather-proof IP66-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)
Warranty	24 months

System Requirements

Operating System	Microsoft Windows 7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~10 (streaming only)
	Internet Explorer 7.x ,8.x, 9.x, 10.x
Other Players	VLC: 1.1.11 or above
	QuickTime: 7 or above

Included Accessories

CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Others	Quick installation guide, warranty card, alignment sticker, screw pack, software CD

Dimensions

Ø152 mm

94 mm

51 mm

Compatible Accessories

Mounting Kits

AM-211
L-shape wall mount

PoE Kits

POE-IJ-1748NDN
802.3af Compliant PoE Injector