VIVOTEK

FD8152V

Fixed Dome Network Camera

1.3MP · Low Light · Day & Night · 15M IR · IK10 · 3DNR

VIVOTEK FD8152V 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. Equipped with SNV (Supreme Night Visibility) technology, the FD8152V offers increased sensitivity to low light and provides clear images in dark conditions. In addition, built-in IR LEDs enable the camera to provide enough illumination for clear viewing up to 15 meters, even in completely dark environments.

The FD8152V is a camera with IK10-rated vandal-proof housing for increased camera protection. Additionally, at a size of only 100 mm in diameter, the FD8152V is truly an all-in-one surveillance solution that meets a wide variety of needs for indoor surveillance applications, such as offices, elevators, chain stores, prisons, and health care facilities.

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 15 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 Housing
- 3D Noise Reduction
- Supreme Night Visibility
- Selectable Lens
- WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark Environments
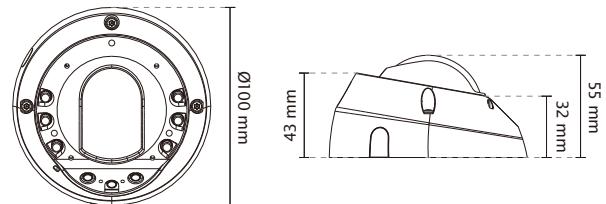
VIVOTEK SNV Camera - Show you true colors at night

Ordinary Camera

Elevator

Bank

Retail

Prison

Technical Specifications

Model	FD8152V-F2 (Lens f = 2.8 mm) FD8152V-F4 (Lens f = 4.0 mm)

System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	128 MB
RAM	256 MB

Camera Features

Image Sensor	1/3" Progressive CMOS
Maximum Resolution	1280x1024
Lens Type	Fixed-focal
Focal Length	f = 2.8 mm (FD8152V-F2) f = 4 mm (FD8152V-F4)
Aperture	F2.0 (FD8152V-F2) F1.6 (FD8152V-F4)
Auto-iris	Fixed-iris
Field of View	FD8152V-F2: 101˚ (Horizontal) 80˚ (Vertical) 130˚ (Diagonal) FD8152V-F4: 69˚ (Horizontal) 54˚ (Vertical) 87˚ (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	0.08 Lux @ F1.6 (Color) 0.06 Lux @ F1.6 (B/W) 0 Lux @ IR LED ON
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 15 meters IR LED*9
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, 3D Noise Reduction Scheduled profile settings

Audio

Audio Capability	Audio input
Compression	G.711
Interface	Built-in Microphone

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
Interface	10Base-T/100BaseTX Ethernet (RJ-45) *It is highly recommended to use standard Cat. 5e & Cat. 6 cables which are compliant with the 3P/ETL standard.
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 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: 100 mm x 55 mm
Weight	Net: 284 g
Casing	Vandal-proof IK10-rated metal housing
Safety Certifications	CE, LVD, FCC Class B, 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 or 8.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, screw pack

Dimensions

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