

# FD8133V/34V

## Fixed Dome Network Camera

**H.264 • Vandal-proof • IP66**



VIVOTEK FD8133V(Wired)/34V(PoE) is an easy-to-use fixed dome network camera specifically designed for indoor/outdoor security applications with a compact, stylish vandal-proof exterior. Equipped with a 1MP sensor enabling viewing resolution of 1280x800 at 30 fps, users need look no further for an all-in-one camera capable of capturing high quality, high resolution video.

The FD8133V/34V supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With MPEG-4 and MJPEG compatibility also included, video streams can also be transmitted in any of these formats for versatile applications. The streams can also be individually configured to meet different constraints, thereby further reducing bandwidth and storage requirements. Users can thus receive multiple streams simultaneously in different resolutions, frame rates, and image qualities for viewing on different platforms.

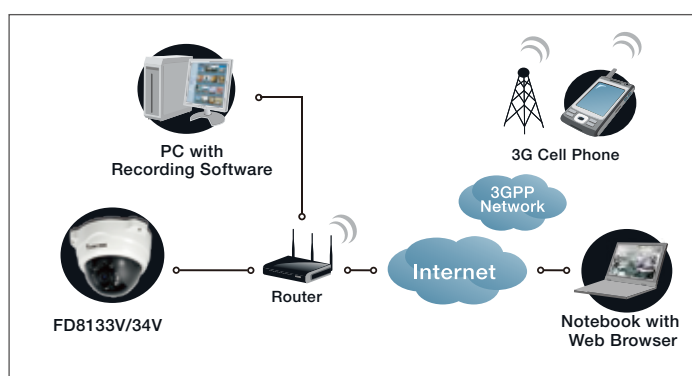
Its IP66-rated housing protects the camera body against rain and dust and ensures operation under poor weather conditions. Furthermore, the metal vandal-proof housing effectively provides robust protection from vandalism. Also included are a number of advanced features standard on VIVOTEK cameras, including tamper detection, MicroSD/SDHC card slot, 802.3af compliant PoE (FD8134V), removable IR-cut filter and built-in IR illuminators, and VIVOTEK's 32-channel recording software. With all of these capabilities, the FD8133V/34V presents the best value in IP surveillance for indoor/outdoor applications.

## Features

- > Easy and Flexible Installation
- > Compact and Attractive Design
- > 1/4" CMOS Sensor in 1280x800 Resolution
- > Removable IR-cut Filter for Day and Night Function (FD8134V)
- > Built-in IR Illuminators, Effective up to 10 Meters (FD8134V)
- > Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- > Vandal-proof and Weather-proof IP66-rated Housing
- > Built-in 802.3af Compliant PoE (FD8134V)
- > Built-in MicroSD/SDHC Card Slot for On-board Storage
- > 3-axis Mechanical Design for Ceiling and Wall Mount Installation

<b>System</b>	<ul style="list-style-type: none"> <li>· CPU: TI DM365 SoC</li> <li>· Flash: 128MB</li> <li>· RAM: 256MB</li> <li>· Embedded OS: Linux 2.6</li> </ul>	<b>Security</b>	<ul style="list-style-type: none"> <li>· Multi-level user access with password protection</li> <li>· IP address filtering</li> <li>· HTTPS encrypted data transmission</li> <li>· 802.1X port-based authentication for network protection</li> </ul>
<b>Lens</b>	<ul style="list-style-type: none"> <li>· Board lens, Fixed, f = 3.6 mm, F1.8</li> <li>· Removable IR-cut filter for day &amp; night function (FD8134V)</li> </ul>	<b>Users</b>	<ul style="list-style-type: none"> <li>· Live viewing for up to 10 clients</li> </ul>
<b>Angle of View</b>	<ul style="list-style-type: none"> <li>· 56° (horizontal)</li> <li>· 41° (vertical)</li> </ul>	<b>LED Indicator</b>	<ul style="list-style-type: none"> <li>· System power and status indicator</li> <li>· System activity and network link indicator</li> </ul>
<b>Shutter Time</b>	<ul style="list-style-type: none"> <li>· 1/5 sec. to 1/25,000 sec.</li> </ul>	<b>Power</b>	<ul style="list-style-type: none"> <li>· 12V DC</li> <li>· Power consumption: Max. 3.5 W (FD8133V) Max. 4.5 W (FD8134V)</li> <li>· 802.3af compliant Power-over-Ethernet (Class 2) (FD8134V)</li> </ul>
<b>Image Sensor</b>	<ul style="list-style-type: none"> <li>· 1/4" CMOS sensor in 1280x800 resolution</li> </ul>	<b>Approvals</b>	<ul style="list-style-type: none"> <li>· CE, LVD, FCC, VCCI, C-Tick</li> </ul>
<b>Minimum Illumination</b>	<ul style="list-style-type: none"> <li>· 0.3 Lux @ F1.8 (FD8133V)</li> <li>· 0 Lux @ F1.8 (IR LED on) (FD8134V)</li> </ul>	<b>Operating Environments</b>	<ul style="list-style-type: none"> <li>· Temperature: 0 ~ 50°C ( 32 ~ 122 °F)</li> <li>· Humidity: 90% RH</li> </ul>
<b>IR Illuminators (FD8134V)</b>	<ul style="list-style-type: none"> <li>· Built-in IR illuminators, effective up to 10 meters</li> <li>· IR LED*8 (850nm)</li> </ul>	<b>Viewing System Requirements</b>	<ul style="list-style-type: none"> <li>· OS: Microsoft Windows 7/Vista/XP/2000</li> <li>· Browser: Mozilla Firefox, Internet Explorer 6.x or above</li> <li>· Cell phone: 3GPP player</li> <li>· Real Player: 10.5 or above</li> <li>· Quick Time: 6.5 or above</li> </ul>
<b>Video</b>	<ul style="list-style-type: none"> <li>· Compression: H.264, MJPEG &amp; MPEG-4</li> <li>· Streaming: <ul style="list-style-type: none"> <li>Multiple simultaneous streams</li> <li>H.264 streaming over UDP, TCP, HTTP or HTTPS</li> <li>MPEG-4 streaming over UDP, TCP, HTTP or HTTPS</li> <li>MPEG-4 multicast streaming</li> <li>MJPEG streaming over HTTP or HTTPS</li> </ul> </li> <li>· Supports activity adaptive streaming for dynamic frame rate control</li> <li>· Supports 3GPP mobile surveillance</li> <li>· Frame rates : <ul style="list-style-type: none"> <li>H.264: <ul style="list-style-type: none"> <li>Up to 30/25 fps at 1280x800</li> </ul> </li> <li>MPEG-4: <ul style="list-style-type: none"> <li>Up to 30/25 fps at 1280x800</li> </ul> </li> <li>MJPEG: <ul style="list-style-type: none"> <li>Up to 30/25 fps at 1280x800</li> </ul> </li> </ul> </li> </ul>	<b>Installation, Management, and Maintenance</b>	<ul style="list-style-type: none"> <li>· 3-axis mechanism for flexible ceiling and wall mount installation</li> <li>· Camera angle adjustment: pan 350° , tilt 85° , rotate 350°</li> <li>· Installation Wizard 2</li> <li>· 32-CH ST7501 recording software</li> <li>· Supports firmware upgrade</li> </ul>
<b>Image Settings</b>	<ul style="list-style-type: none"> <li>· Adjustable image size, quality and bit rate</li> <li>· Time stamp and text caption overlay</li> <li>· Flip &amp; mirror</li> <li>· Configurable brightness, contrast, saturation, sharpness, white balance and exposure</li> <li>· AGC, AWB, AES</li> <li>· Automatic, manual or scheduled day/night mode (FD8134V)</li> <li>· BLC (Backlight Compensation)</li> <li>· Supports privacy masks</li> </ul>	<b>Applications</b>	<ul style="list-style-type: none"> <li>· SDK available for application development and system integration</li> </ul>
<b>Networking</b>	<ul style="list-style-type: none"> <li>· 10/100 Mbps Ethernet, RJ-45</li> <li>· Onvif support</li> <li>· Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, and 802.1X</li> </ul>	<b>Warranty</b>	<ul style="list-style-type: none"> <li>· 12 months</li> </ul>
<b>Alarm and Event Management</b>	<ul style="list-style-type: none"> <li>· Triple-window video motion detection</li> <li>· Tamper detection</li> <li>· One D/I for external sensor</li> <li>· Event notification using HTTP, SMTP or FTP</li> <li>· Local recording of MP4 file</li> </ul>		
<b>On-board Storage</b>	<ul style="list-style-type: none"> <li>· MicroSD/SDHC card slot</li> <li>· Stores snapshots and video clips</li> </ul>		

## System Overview



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