

FD-8136

Vivotek - IP Cameras



Description

The FD8136 is the world's smallest network fixed dome camera. With installation as easy as one-two-three and Power over Ethernet (PoE) functionality, setup time is completed in less than 120 seconds, making installation quick and easy.

The FD8136 features a megapixel sensor enabling viewing resolution of 1280x800 at 30 fps, and also 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.

Designed with selectable focal lengths, FD8136 can be used in various environments, including but not limited to offices, elevators, campus, chain stores, boutique stores and health care facilities. At the size of only 90 mm in diameter, VIVOTEK FD8136 is truly an all-in-one surveillance solution that meets a wide variety of needs for indoor surveillance. The package also includes VIVOTEK's 32-channel recording software. With all this and more, the FD8136 is the ideal solution for your surveillance needs.

Features

- 1-megapixel CMOS Sensor
- Up to 30 fps @ 1280x800
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC Card Slot for On-board Storage
- Compact and Stylish Design
- Easy Installation

Technical Specifications

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System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	16 MB
RAM	128 MB

Camera Features

Image sensor	1/4" progressive CMOS
Maximum Resolution	1280x800
Lens Type	Fixed
Focal Length	f = 2.5 mm (FD8136-F2), f = 3.6 mm (FD8136-F3), f = 6 mm (FD8136-F6)
Aperture	F2.0 (FD8136-F2, FD8136-F3), F1.8 (FD8136-F6)
Field of View	89.9° (FD8136-F2), 61° (FD8136-F3), 35.5° (FD8136-F6) (horizontal) 62° (FD8136-F2), 38° (FD8136-F3), 22.6° (FD8136-F6) (vertical) 101° (FD8136-F2), 73° (FD8136-F3), 741.6° (FD8136-F6) (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
Minimum Illumination	0.45 Lux @ F1.8, 50 IRE
Pan / Tilt range	45° / 33° ~ 90°
Zoom	ePTZ 16x digital zoom (4x on IE plug-in ,4x built-in)

On-board Storage

Storage	MicroSD/SDHC card slot
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Video

Compression	H.264, MPEG-4 & MJPEG
Maximum Frame Rate	H.264: 30 fps at 1280x800 MPEG-4: 30 fps at 1280x800 MJPEG: 30 fps at 1280x800
Maximum Streams	2 simultaneous streams
S/N Ratio	Above 62 dB
TV Line	713 TVL (horizontal)
Video Streaming	Configurable video cropping for bandwidth saving
Image Settings	Adjustable image size, quality, and bit rate Time stamp and text caption overlay Flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control



Technical Specifications

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Gain
BLC (Backlight compensation)
Supports privacy masks

Audio

Audio Capability	Audio input
Compression	GSM-AMR G.711
Interface	Internal microphone input
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 and 802.1X
Network	10 Base-T / 100BaseTX Ethernet (RJ-45)
ONVIF	Ver. 1.02

Intelligent Video

Video Motion Detection	Triple-window video motion detection
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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, NAS server

General

Connectors	RJ-45 for Network / PoE connection Terminal block * 2 (Digital input) MicroSD/SDHC card slot
LED Indicator	System power and status indicator
Power consumption	Max. 3.84 W
Dimensions	Ø: 90 mm x 50 mm
Weight	Net: 143 g
Safety Certifications	CE C-Tick FCC(Class B) LVD VCCI
Operating Temperature	0 ~ 50 °C (32 ~ 122 °F)
Warranty	24 Months

System Requirements



Technical Specifications

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Operating System	Microsoft Windows 7 / Vista / XP / 2000
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Browser	Mozilla Firefox 7 - 10 (Streaming only)
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	Internet Explorer 7.x or 8.x
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Other Players	VLC:1.1.11
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	QuickTime:7 or above
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	Real Player 10.5 or above
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Pictures

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FD-8136

Ultra Mini Fixed Dome Indoor camera 1MP, H.264, MPEG-4, MJPEG compression



VIVOTEK ST7501 SOFTWARE

VIVOTEK ST7501 is the next-generation in recording software, featuring reliable recording, easy system management, and flexible scalability for diverse IP surveillance applications. ST7501 has three major components, including: ST7501 Server for recording, ST7501 LiveClient for viewing live media data and system management, and ST7501 Playback for browsing databases and retrieving recorded media data. You can install and run the three components on a single computer, or install them in three separate locations in accordance with your security needs.