VIVOTEK
BUILT WITH RELIABILITY

Ultra-mini Fixed Dome Network Camera
FD8136

1MP • Stylish Design • Easy Installation

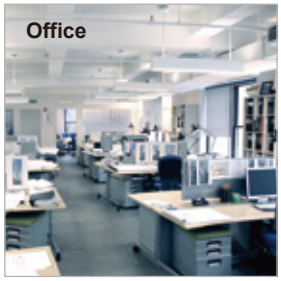
VIVOTEK FD8136 is the world's smallest network fixed dome camera. With installation as easy as one-two-three and Power over Ethernet (PoE) functionality, setup time is completed in less than 120 seconds, making installation quick and easy.

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



Technical Specifications

Models	FD8136-F2 (Lens f = 2.5 mm) FD8136-F3 (Lens f = 3.6 mm) FD8136-F6 (Lens f = 6 mm)

System Information

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

Camera Features

Image Sensor	1/4" Progressive CMOS
Maximum Resolution	1280x800
Lens Type	Fixed-focal
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	H=89.9°, V=62°, D=101° (FD8136-F2) H=61°, V=38°, D=73° (FD8136-F3) H=35.5°, V=22.6°, D=41.6° (FD8136-F6)
Shutter Time	1/5 sec. to 1/32,000 sec.
Minimum Illumination	0.45 Lux @ F1.8, 50 IRE
Pan Range	45°
Tilt Range	33° ~ 90°
Pan/tilt/zoom Functionalities	ePTZ: 16x digital zoom (4x on IE plug-in, 4x built-in)
On-board Storage	MicroSD/SDHC card slot

Video

Compression	H.264, MJPEG & MPEG-4
Maximum Frame Rate	H.264: 30 fps at 1280x800 MPEG-4: 25 fps at 1280x800 MJPEG: 30 fps at 1280x800
Maximum Streams	2 simultaneous streams
S/N Ratio	Above 62dB
TV Line	713 TVL (Horizontal)
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

Audio

Audio Capability	Audio input
Compression	GSM-AMR, G.711
Interface	Internal microphone
Effective Range	5 meters

Network

Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, UDP, 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)
ONVIF	Ver. 1.02

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 notify, camera tampering detection
Alarm Events	HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server

General

Connectors	RJ-45 for Network/PoE connection Terminal block*2 for digital input MicroSD/SDHC card slot
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 1
Power Consumption	Max. 3.84W
Dimensions	Ø: 90 mm x 50 mm
Weight	Net: 143g
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Warranty	24 months

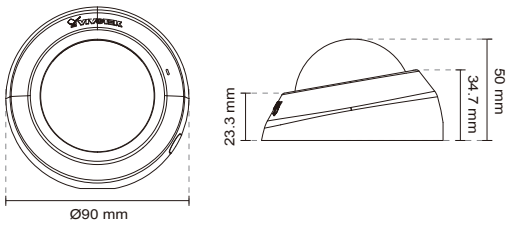
System Requirements

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, screws pack, focus kit

Dimensions



Compatible Accessories

Wireless

N600AG
Outdoor wireless access point

N500AG
Outdoor wireless access point

PoE Kits

MS-POE-IJAF
PoE injector, 802.3af compliant

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