



Fixed Dome Network Camera FD8131



1MP • Vari-focal Lens • Compact Design • PoE • MicroSD/SDHC

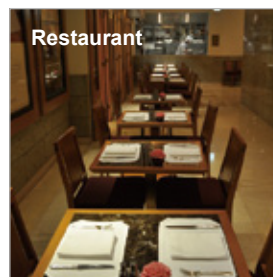
VIVOTEK FD8131 is an easy-to-use fixed dome network camera specifically designed for indoor security applications with a compact, stylish housing. Equipped with a 1MP sensor enabling viewing resolution of 1280x800 at 30 fps, users need look no further for an all-in-one camera capable of capturing high quality HD video.

This camera 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.

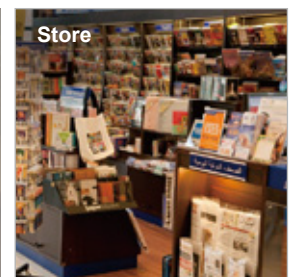
With the vari-focal lens, the FD8131 provides users the freedom to adjust the field of view in accordance with their application. Also included are a number of advanced features which are standard for VIVOTEK cameras, including tamper detection, MicroSD/SDHC card slot, 802.3af compliant PoE, and VIVOTEK's 32-channel recording software. With all of these capabilities, the FD8131 provides the best value in IP surveillance for indoor applications such as offices, banks, and retail stores.

Features

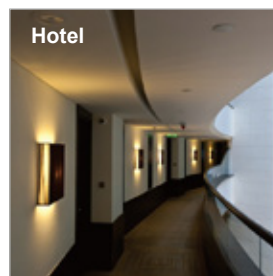
- 1-Megapixel CMOS Sensor
- 3 ~ 12 mm Vari-focal Lens
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC Card Slot for On-board Storage
- 3-axis Mechanical Design for Ceiling and Wall Mount Installation
- Easy and Flexible Installation
- Compact, Elegant Design



Restaurant



Store



Hotel



On-board Storage

Technical Specifications

System Information		Alarm and Event	
CPU	Multimedia SoC (System-on-Chip)	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notify, camera tampering detection
Flash	128 MB	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
RAM	256 MB		
Camera Features		General	
Image Sensor	1/4" CMOS sensor	Connectors	RJ-45 cable connector for Network/PoE connection Digital input*1 DC 12V power input
Maximum Resolution	1280x800	LED Indicator	System power and status indicator
Lens Type	Vari-focal	Power Input	DC 12V IEEE 802.3af PoE Class 1
Focal Length	f = 3 ~ 12 mm	Power Consumption	Max. 3.84 W
Aperture	F1.4 (wide), F3.2 (tele)	Dimensions	Ø: 109.5 mm x 90.5 mm
Field of View	48.06° ~ 17.06° (horizontal) 28.97° ~ 10.76° (vertical) 55.62° ~ 19.76° (diagonal)	Weight	Net: 500 g
Shutter Time	1/5 sec. to 1/32,000 sec.	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Minimum Illumination	0.5 Lux @ F1.4, 50 IRE	Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Pan/tilt/zoom	ePTZ:	Warranty	24 months
Functionalities	16x digital zoom (4x on IE plug-in, 4x built-in)		
On-board Storage	MicroSD/SDHC card slot	System Requirements	
Video		Operating System	Microsoft Windows 7/Vista/XP/2000
Compression	H.264, MJPEG & MPEG-4	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7.x or 8.x
Maximum Frame Rate	H.264: 30 fps at 1280x800 MPEG-4: 30 fps at 1280x800 MJPEG: 30 fps at 1280x800	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Maximum Streams	4 simultaneous streams	Included Accessories	
S/N Ratio	Above 53 dB	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Dynamic Range	40 dB	Others	Quick installation guide, warranty card, alignment sticker, screws, software CD
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving	Dimensions	
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		
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/100 BaseTX Ethernet (RJ-45)		
ONVIF	Ver. 1.02		
Intelligent Video			
Video Motion Detection	Triple-window video motion detection		

Compatible Accessories

Mounting Kits



AM-214
L shape bracket



AM-518
Dome adapter



AM-517
Adaptor ring



AM-212
Wall mount bracket

Wireless



N600AG
Wireless access point

PoE Kits



MS-POE-IJAF
PoE injector, 802.3af compliant

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