



# Fixed Dome Network Camera FD8137H



1MP • WDR Pro • 15M IR • 3DNR

VIVOTEK FD8137H is an easy-to-use fixed dome network camera specifically designed for indoor security applications with a compact, stylish exterior. It features an HD WDR CMOS sensor to cope with challenging lighting conditions. The WDR Pro Technology allows the camera to capture both dark and bright parts of an image and combines the differences to generate a highly realistic image representative of the original scene, enabling it to provide video quality close to the capabilities of the human eye. This function enables the FD8137H to be widely applicable in high contrast environments such as lobby entrances, parking lots, ATMs, loading areas, and much more.

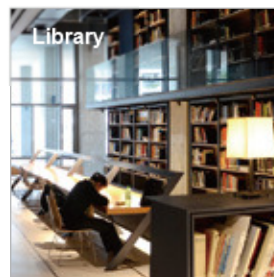
In order to adapt to constantly changing lighting conditions, the FD8137H features a removable IR-cut filter as well as improved IR illuminators effective up to 15M for superior image quality around the clock.

The FD8137H supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With H.264, and MJPEG compatibility both included, the dual streams can be simultaneously transmitted in any of these formats at different resolutions, frame rates, and image qualities for versatile platforms. Thereby it further optimizes bandwidth and storage efficiency.

Incorporating a number of advanced features standard for VIVOTEK cameras, including tamper detection, 802.3af compliant PoE, MicroSD/SDHC/SDXC card slot, and VIVOTEK's 32-channel recording software, the FD8137H is the ideal solution for your indoor surveillance needs.

## Features

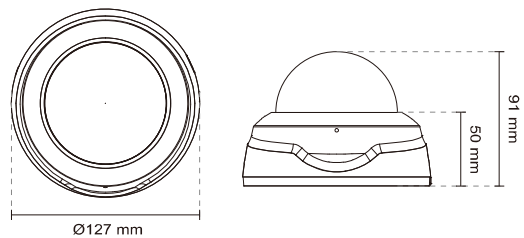
- 1-Megapixel CMOS Sensor
- 30 fps @ 1280x800
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 15 Meters
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Built-in 802.3af Compliant PoE
- Build-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- 3D Noise Reduction for Low-light Conditions



## Technical Specifications

<b>Models</b>	FD8137H-F3 FD8137H-F6	<b>Network</b>	
<b>System Information</b>		<b>Users</b>	Live viewing for up to 10 clients
<b>CPU</b>	Multimedia SoC (System-on-Chip)	<b>Protocols</b>	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X
<b>Flash</b>	128MB	<b>Interface</b>	10Base-T/100 BaseTX Ethernet (RJ-45)
<b>RAM</b>	256MB	<b>ONVIF</b>	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Camera Features</b>		<b>Intelligent Video</b>	
<b>Image Sensor</b>	1/3" Progressive CMOS	<b>Video Motion Detection</b>	Triple-window video motion detection
<b>Maximum Resolution</b>	1280x800 (1MP)	<b>Alarm and Event</b>	
<b>Lens Type</b>	Fixed-focal	<b>Alarm Triggers</b>	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
<b>Focal Length</b>	f = 3.6 mm (FD8137H-F3) f = 6 mm (FD8137H-F6)	<b>Alarm Events</b>	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
<b>Aperture</b>	F1.8 (FD8137H-F3) F1.6 (FD8137H-F6)	<b>General</b>	
<b>Field of View</b>	FD8137H-F3: 86° (Horizontal) 51° (Vertical) 103° (Diagonal) FD8137H-F6: 59° (Horizontal) 32° (Vertical) 70° (Diagonal)	<b>Connectors</b>	RJ-45 for Network/PoE connection Digital input*1
<b>Shutter Time</b>	1/5 sec. to 1/32,000 sec.	<b>LED Indicator</b>	System power and status indicator
<b>WDR Technology</b>	WDR Pro	<b>Power Input</b>	IEEE 802.3af PoE Class 2
<b>Day/Night</b>	Removable IR-cut filter for day & night function	<b>Power Consumption</b>	Max. 5.1W
<b>Minimum Illumination</b>	FD8137H-F3: 1.05 Lux @ F1.8, 50 IRE (Color) 0.001 Lux @ F1.8, 50 IRE (B/W) FD8137H-F6: 0.48 Lux @ F1.6, 50 IRE (Color) 0.001 Lux @ F1.6, 50 IRE (B/W)	<b>Dimensions</b>	Ø: 127 mm x 91 mm
<b>Pan Range</b>	350°	<b>Weight</b>	Net: 440 g
<b>Tilt Range</b>	60°	<b>Safety Certifications</b>	CE, LVD, FCC Class B, VCCI, C-Tick
<b>Rotation Range</b>	350°	<b>Operating Temperature</b>	0°C ~ 50°C (32°F ~ 122°F)
<b>Pan/tilt/zoom</b>	ePTZ:	<b>Warranty</b>	24 months
<b>Functionalities</b>	48x digital zoom (4x on IE plug-in, 12x built-in)	<b>System Requirements</b>	
<b>IR Illuminators</b>	Built-in IR illuminators, effective up to 15 meters IR LED*8	<b>Operating System</b>	Microsoft Windows 7/Vista/XP/2000
<b>On-board Storage</b>	MicroSD/SDHC/SDXC card slot	<b>Web Browser</b>	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9
<b>Video</b>		<b>Other Players</b>	VLC: 1.1.11 or above QuickTime: 7 or above
<b>Compression</b>	H.264 & MJPEG	<b>Included Accessories</b>	
<b>Maximum Frame Rate</b>	30 fps @ 1280x800 In both compression modes	<b>CD</b>	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
<b>Maximum Streams</b>	2 simultaneous streams	<b>Others</b>	Quick installation guide, warranty card, alignment sticker, screw pack, software CD
<b>S/N Ratio</b>	Above 53 dB		
<b>Dynamic Range</b>	110 dB		
<b>Video Streaming</b>	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving		
<b>Image Settings</b>	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, 3D Noise Reduction		
<b>Audio</b>			
<b>Audio Capability</b>	Audio input		
<b>Compression</b>	G.711 / G.726		
<b>Interface</b>	Built-in microphone		
<b>Effective Range</b>	5 meters		

## Dimensions



## Compatible Accessories

### Mounting Kits



**AM-211**  
L-shape wall mount

### PoE Kits



**POE-IJ-1748NDN**  
802.3af Compliant PoE Injector

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