

Fixed Dome Network Camera FD8135H



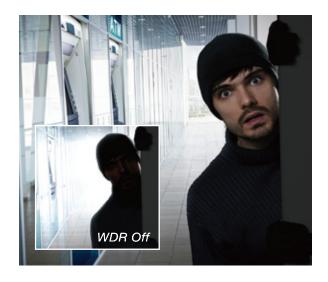
720p HD • P-iris • WDR Pro • PIR

VIVOTEK's FD8135H network camera features an HD WDR CMOS sensor to cope with challenging lighting conditions. The WDR feature allows the camera to capture both the 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 FD8135H to be widely applicable in high contrast environments such as lobby entrances, parking lots, ATMs, loading areas, and much more. The P-iris lens controls the iris with extreme precision; with its built-in stepper motor, it maintains the iris opening at an optimal level at all times, resulting in superior image clarity and depth of field as well as image quality.

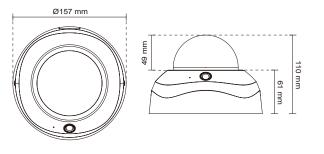
Incorporating an IR-cut filter that can be removed automatically at night and built-in IR illuminators with coverage of up to 20 meters, the FD8135H is an outstanding 24-hour surveillance solution. Together with a PIR sensor for human detection, 802.3af compliant PoE, tamper detection, MicroSD/SDHC card for on-board storage, the FD8135H is indisputably the top choice for reliable and performance surveillance.

Features

- 1-Megapixel CMOS Sensor
- 30 fps @ 1280x800
- 3 ~ 9 mm Vari-focal, P-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 20 Meters
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- Built-in PIR Sensor for Human Detection
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC Card Slot for On-board Storage



System Information		Intelligent Video		
CPU	Multimedia SoC (System-on-Chip)	Video Motion Detection	Triple-window video motion detection	
Flash	16 MB	VIGEO IVIOLION DELECTION	Thiple willdow video motion detection	
RAM	128 MB	Alarm and Event		
Camera Features		Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notify, came	
Image Sensor	1/2.7" Progressive CMOS		tampering detection	
Maximum Resolution	1280x800	Alarm Events	Event notification using digital output, HTTP, SMTP,	
Lens Type	Vari-focal		FTP and NAS server	
Focal Length	f = 3 ~ 9 mm		File upload via HTTP, SMTP, FTP and NAS server	
Aperture	F1.2 (wide), F2.1 (tele)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Iris	P-iris	General		
Field of View	102.68° ~ 35.4° (horizontal)	Smart Focus System	Focus assist OSD (Network streaming)	
ricid of view	61.93° ~ 22.80° (vertical)	Connectors	RJ-45 for Network/PoE connection	
	122.56° ~ 41.11° (diagonal)		3.5 mm phone jack*2 for audio input/output	
Shutter Time	1/15 sec. to 1/25,000 sec.		Terminal block*2 for AC 24V power input	
WDR Technology	WDR Pro		Terminal block*4 for digital input*3	
Day/Night	Removable IR-cut filter for day & night function		Terminal block*2 for digital output*1	
Minimum Illumination	0.8 Lux @ F1.2, 50 IRE (Color)		MicroSD/SDHC card slot	
Will ill Harri illamination	0.001 Lux @ F1.2, 50 IRE (B/W)	LED Indicator	System power and status indicator	
Pan/tilt/zoom	ePTZ:	Power Input	24V AC	
Functionalities	16x digital zoom (4x on IE plug-in, 4x built-in)	1 ower input	IEEE 802.3af PoE Class 3	
IR Illuminators	Built-in IR illuminators, effective up to 20 meters	Power Consumption	Max. 8.0W	
ii viiluitiii latota	IR LED*18	Dimensions	Ø: 157 mm x 110 mm	
On-board Storage	MicroSD/SDHC card slot	Weight	Net: 778 g	
On-board Storage	MICIOSD/SDI IC Card slot	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick	
Video		Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)	
Compression	H.264, MJPEG & MPEG-4	Warranty	24 months	
Maximum Frame Rate	H.264: 30 fps at 1280x800	vvairanty	24 11011013	
Maximum rame reace	MPEG-4: 30 fps at 1280x800	System Requirements		
	MJPEG: 30 fps at 1280x800	Operating System	Microsoft Windows 7/Vista/XP/2000	
Maximum Streams	2 simultaneous streams	Web Browser	Mozilla Firefox 7 ~ 10 (streaming only)	
S/N Ratio	Above 60.5 dB	Web blowsel	Internet Explorer 7.x or 8.x	
Dynamic Range	110.4 dB	Other Players	VLC: 1.1.11 or above	
Video Streaming	Adjustable resolution, quality and bitrate	Other Flayers	QuickTime: 7 or above	
	Configurable video cropping for bandwidth saving	Quick Time. 7 of above		
Image Settings	Adjustable image size, quality and bit rate	Included Accessories	Included Accessories	
illage settings	Time stamp, text overlay, flip & mirror	CD	User's manual, quick installation guide, Installation	
		GB	Wizard 2, ST7501 32-channel recording software	
	Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain,	Others	Quick installation guide, warranty card, alignment	
		Others	sticker, T10 torx screwdriver, screws, plastic anchors,	
	backlight compensation, privacy masks Scheduled profile settings		AV cable	
	Scrieduled profile settings		AV Cable	
Audio		Dimensions		
Audio Capability	Audio input/output (half duplex)			
Compression	GSM-AMR, AAC, G.711			
Interface	Built-in microphone	Ø157 mm		
	External microphone input	2107 111111		
	External line output		T	
Materials			E	
Network			#E 04	
Users	Live viewing for up to 10 clients		100	
	ID-4 ID-C TOD/ID LITTO LITTO LID-D		- 1 1 1 1 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	



Compatible Accessories

PoE Kits

Protocols

Interface

ONVIF



MS-POE-IJAF
PoE Injector, 802.3af Compliant

Ver. 1.02

IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP,

10Base-T/100 BaseTX Ethernet (RJ-45)

RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X

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