



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



Technical Specifications

System Information		Intelligent Video	
CPU	Multimedia SoC (System-on-Chip)	Video Motion Detection	Triple-window video motion detection
Flash	16 MB	Alarm and Event	
RAM	128 MB	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification
Camera Features		Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Image Sensor	1/2.7" Progressive CMOS	General	
Maximum Resolution	1280x800	Smart Focus System	Focus assist OSD (Network streaming)
Lens Type	Vari-focal	Connectors	RJ-45 for Network/PoE connection 3.5 mm phone jack*2 for audio input/output Terminal block*2 for AC 24V power input Terminal block*4 for digital input Terminal block*2 for digital output
Focal Length	f = 3 ~ 9 mm	LED Indicator	System power and status indicator
Aperture	F1.2 (wide), F2.1 (tele)	Power Input	24V AC IEEE 802.3af PoE Class 3
Iris	P-iris	Power Consumption	Max. 8.0W
Field of View	102.68° ~ 35.4° (horizontal) 61.93° ~ 22.80° (vertical) 122.56° ~ 41.11° (diagonal)	Dimensions	Ø: 157 mm x 110 mm
Shutter Time	1/15 sec. to 1/25,000 sec.	Weight	Net: 757 g
WDR Technology	WDR Pro	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Day/Night	Removable IR-cut filter for day & night function	Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Minimum Illumination	0.8 Lux @ F1.2, 50 IRE (Color) 0.001 Lux @ F1.2, 50 IRE (B/W)	Warranty	24 months
Pan/tilt/zoom	ePTZ:	System Requirements	
Functionalities	16x digital zoom (4x on IE plug-in, 4x built-in)	Operating System	Microsoft Windows 7/Vista/XP/2000
IR Illuminators	Built-in IR illuminators, effective up to 20 meters IR LED*18	Web Browser	Mozilla Firefox 7 ~ 10 (streaming only) Internet Explorer 7.x or 8.x
On-board Storage	MicroSD/SDHC card slot	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
Video		Included Accessories	
Compression	H.264, MJPEG & MPEG-4	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Maximum Frame Rate	H.264: 30 fps at 1280x800 MPEG-4: 30 fps at 1280x800 MJPEG: 30 fps at 1280x800	Others	Quick installation guide, warranty card, alignment sticker, T10 torx screwdriver, screws, plastic anchors, AV cable
Maximum Streams	2 simultaneous streams	Dimensions	
S/N Ratio	Above 60.5 dB		
TV Line	1235 TVL (Horizontal)		
Dynamic Range	110.4 dB		
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/output (half duplex)		
Compression	GSM-AMR, AAC, G.711		
Interface	External/Internal microphone input		
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		

Compatible Accessories

PoE Kits



MS-POE-IJAF
PoE Injector, 802.3af Compliant

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