

Fixed Dome Network Camera FD8135H



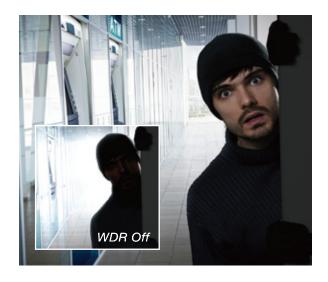
720p HD • P-iris • WDR Pro • PIR

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

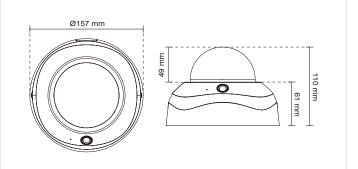
- 1-Megapixel CMOS Sensor
- 30 fps @ 1280x800
- 3 ~ 9 mm Vari-focal, P-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 20 Meters
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Real-time H.264, MPEG-4, and MJPEG Compression (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		
CPU	Multimedia SoC (System-on-Chip)	
Flash	16 MB	
RAM	128 MB	
Camera Features		
Image Sensor Max-	1/2.7" Progressive CMOS	
imum Resolution	1280x800	
Lens Type	Vari-focal f = 3 ~ 9 mm	
Focal Length	F1.2 (wide), F2.1 (tele)	
Aperture Iris	P-iris	
Field of View	102.68° ~ 35.4° (horizontal)	
Field Of View	61.93° ~ 22.80° (vertical)	
	122.56° ~ 41.11° (diagonal)	
Shutter Time	1/15 sec. to 1/25,000 sec.	
WDR Technology	WDR Pro	
Day/Night	Removable IR-cut filter for day & night function	
Minimum Illumination	0.8 Lux @ F1.2, 50 IRE (Color)	
www.minaminaminadorf	0.001 Lux @ F1.2, 50 IRE (B/W)	
Pan/tilt/zoom	ePTZ:	
Functionalities	16x digital zoom (4x on IE plug-in, 4x built-in)	
IR Illuminators	Built-in IR illuminators, effective up to 20 meters	
	IR LED*18	
On-board Storage	MicroSD/SDHC card slot	
Video		
Compression Maxim-	H.264, MJPEG & MPEG-4	
um Frame Rate	H.264: 30 fps at 1280x800	
	MPEG-4: 30 fps at 1280x800	
	MJPEG: 30 fps at 1280x800	
Maximum Streams	2 simultaneous streams	
S/N Ratio Dynam-	Above 60.5 dB	
ic Range Video	110.4 dB	
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	Built-in microphone	
interiace.	External microphone input	
	External line output	
Network		
Users	Live viewing for up to 10 clients	
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP,	
FIOLOCOIS	RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP,	
	DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X	
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)	
	.02000 17100 2000 171 201011101 (110 70)	

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	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
General	
Smart Focus System	Focus assist OSD (Network streaming)
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*3 Terminal block*2 for digital output*1 MicroSD/SDHC card slot
LED Indicator	System power and status indicator
Power Input	24V AC IEEE 802.3af PoE Class 3
Power Consumption	Max. 8.0W
Dimensions	Ø: 157 mm x 110 mm
Weight	Net: 778 g
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Operating Temperature	-20°C ~ 50°C (-4°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, alignment sticker, T10 torx screwdriver, screws, plastic anchors, AV cable

Dimensions



Compatible Accessories

PoE Kits



MS-POE-IJAF PoE Injector, 802.3af Compliant

