

## Fixed Dome Network Camera

## FD8335H



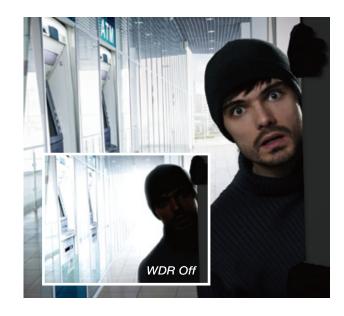
720p HD • P-iris • WDR Pro • Vandal-proof • IP66

VIVOTEK's FD8335H 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 FD8335H 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.

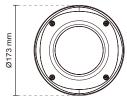
Incorporating an IR-cut filter that can be removed automatically at night and built-in IR illuminators with coverage of up to 20 meters, the FD8335H is an outstanding 24-hour surveillance solution. The vandal-proof and the IP66-rated housing of the FD8335H enables users to easily build a cost-effective IP surveillance system without additional accessories. Its metal vandal-proof housing effectively provides robust protection from vandalism. Meanwhile, the IP66 integrated housing shields the camera from dust and water, allowing it to be applied in the harsh weather conditions of outdoor environments.

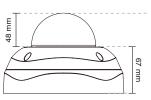
## **Features**

- 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)
- Vandal-proof IK10-rated and Weather-proof IP66-rated Housing
- 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	Alarm and Event	·	
RAM	128 MB			
Camera Features		Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notify, camera	
Image Sensor	1/2.7" Progressive CMOS		tampering detection	
Maximum Resolution	1280x800	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server	
Lens Type	Vari-focal		File upload via HTTP, SMTP, FTP and NAS server	
Focal Length	f = 3 ~ 9 mm		The upload via TITTE, SWITE, TTE and WAS server	
Aperture	F1.2 (wide), F2.1 (tele)	General		
Iris	P-iris	Smart Focus System	Focus assist OSD (Network streaming)	
Field of View	102.68° ~ 35.4° (horizontal) 61.93° ~ 22.80° (vertical) 122.56° ~ 41.11° (diagonal)	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	
Shutter Time	1/15 sec. to 1/25,000 sec.		Terminal block*4 for digital input*3	
WDR Technology	WDR Pro		Terminal block*2 for digital output*1	
Day/Night	Removable IR-cut filter for day & night function	LEDINENT	MicroSD/SDHC card slot	
Minimum Illumination	0.8 Lux @ F1.2, 50 IRE (Color) 0.001 Lux @ F1.2, 50 IRE (B/W)	LED Indicator Power Input	System power and status indicator 24V AC	
Pan/tilt/zoom	ePTZ:	Power Consumption	IEEE 802.3af PoE Class 3  Max. 8.0W	
Functionalities	16x digital zoom (4x on IE plug-in, 4x built-in)	Dimensions	Ø: 173 mm x 115 mm	
IR Illuminators	Built-in IR illuminators, effective up to 20 meters	Weight	Net: 1414 g	
On heard Ct	IR LED*18	Casing	Vandal-proof IK10-rated metal housing	
On-board Storage	MicroSD/SDHC card slot	_	Weather-proof IP66-rated housing	
Video		Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick	
Compression	H.264, MJPEG & MPEG-4	Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)	
Maximum Frame Rate	H.264: 30 fps at 1280x800	Warranty	24 months	
Waximum rame rate	MPEG-4: 30 fps at 1280x800 MJPEG: 30 fps at 1280x800	System Requirements		
Maximum Streams	2 simultaneous streams	Operating System Web Browser	Microsoft Windows 7/Vista/XP/2000  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	- Caron Flayoro	QuickTime: 7 or above	
viaco ca caninig	Configurable video cropping for bandwidth saving	Included Assessmen	Included Accessories	
Image Settings	Adjustable image size, quality and bit rate	included Accessories		
ŭ ŭ	Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation,	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software	
	sharpness, white balance, exposure control, gain,	Others	Quick installation guide, warranty card, mounting plate, alignment sticker, ceiling hole template sticker, L-type	
	backlight compensation, privacy masks		hex key wrench, silica gel, screws, hex nut,	
	Scheduled profile settings		double-sided tape, AV cable, waterproof connector &	
Audio			bushing	
Audio Capability	Audio input/output (half duplex)			
Compression	GSM-AMR, AAC, G.711	Dimensions		
Interface	External microphone input			
Network			T	
Users	Live viewing for up to 10 clients		E	
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP,	E // //	# # # # # # # # # # # # # # # # # # #	
	RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP,	2173 mm		
	DNO DDNO DDD-F C-C C-C CNMD 000 4V			





## **Compatible Accessories**

Mounting Kits

Interface

ONVIF



AM-518 Outdoor dome adapter

Ver. 1.02

PoE Kits

DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X

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



MS-POE-IJAF PoE Injector, 802.3af Compliant

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