



# Fixed Dome Network Camera FD8372



5MP • Full HD •  
Smart Focus System

VIVOTEK FD8372 is a professional fixed dome network camera offering 5-Megapixel or 1080p Full HD resolution with superb image quality up to 30 fps. Featuring 5-Megapixel resolution and high-performance H.264/MPEG-4/MJPEG compression technology, the FD8372 offers extra-smooth video and wide coverage.

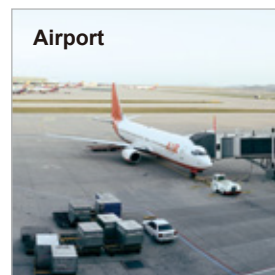
The FD8372 employs many advanced features to allow the user to fully utilize the high definition video. The ePTZ function enables users to zoom in and focus on a region of interest (ROI) in the camera view with only a few clicks of a mouse.

For installers, properly adjusting the focus of a megapixel network camera can be difficult due to the image detail. Thus VIVOTEK introduces the Smart Focus System to make installation and adjustment easier. VIVOTEK adopts lenses with built-in stepping motors that the installer can use to remotely control the focal length and precisely adjust the camera focus, offering hassle-free installation and maintenance.

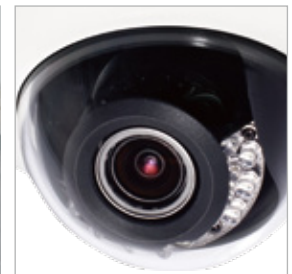
As with other true day/night models, the camera comes with a removable IR-cut filter and IR illuminators (20 meters) to provide great clarity and contrast 24 hours a day. The metal vandal-proof housing effectively provides robust protection from vandalism, and the IP66 rating provides a robust solution suitable for demanding outdoor environments.

## Features

- 5-Megapixel CMOS Sensor
- 30 fps @ 1080p Full HD
- 3.6 ~ 9 mm Vari-focal, DC-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 20 Meters
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- WDR Enhancement for Unparalleled Visibility in Extremely Bright or Dark Environments
- Smart Focus System for Remote and Precise Focus Adjustment
- Vandal-proof IK10-rated and Weather-proof IP66-rated Housing
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage



Airport



Parking Lot



Train Station

## Technical Specifications

System Information		Intelligent Video	
CPU	Multimedia SoC (System-on-Chip)	Video Motion Detection	Triple-window video motion detection
Flash	128 MB	<b>Alarm and Event</b>	
RAM	256 MB	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
<b>Camera Features</b>		Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Image Sensor	1/2.5" Progressive CMOS	<b>General</b>	
Maximum Resolution	2560x1920	Smart Focus System	Remote focal & focus control
Lens Type	Vari-focal	Connectors	RJ-45 for Network/PoE connection 3.5mm phone jack*1 for audio input 3.5mm phone jack*1 for AV output (Audio & Video) 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
Focal Length	f = 3.6 ~ 9 mm	LED Indicator	System power and status indicator
Aperture	F1.8 (wide), F3.4 (tele)	Power Input	24V AC IEEE 802.3af PoE Class 3
Auto-iris	DC-iris	Power Consumption	PoE: 7.53 W AC 24V: 7.20 W
Field of View	35.45° ~ 88.90° (horizontal) 26.69° ~ 67.01° (vertical) 43.99° ~ 111.00° (diagonal)	Dimensions	Ø: 173 mm x 115 mm
Shutter Time	1/5 sec. to 1/32,000 sec.	Weight	Net: 1453 g
WDR Technology	WDR Enhanced	Casing	Vandal-proof IK10-rated metal housing Weather-proof IP66-rated housing
Day/Night	Removable IR-cut filter for day & night function	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Minimum Illumination	0.03 Lux @ F1.8, 50 IRE (Color) 0.001 Lux @ F1.8, 50 IRE (B/W)	Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
Pan/tilt/zoom Functionalities	ePTZ: 4x digital zoom (4x on IE plug-in)	Warranty	24 months
IR Illuminators	Built-in IR illuminators, effective up to 20 meters IR LED*15	<b>System Requirements</b>	
On-board Storage	MicroSD/SDHC/SDXC card slot	Operating System	Microsoft Windows 7/Vista/XP/2000
<b>Video</b>		Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7.x or 8.x
Compression	H.264, MJPEG & MPEG-4	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Maximum Frame Rate	H.264: 10 fps at 2560x1920 30 fps at 1920x1080 MPEG-4: 10 fps at 1920x1536 25 fps at 1920x1080 MJPEG: 13 fps at 2560x1920 30 fps at 1920x1080	<b>Included Accessories</b>	
Maximum Streams	3 simultaneous streams	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
S/N Ratio	Above 61 dB	Others	Quick installation guide, warranty card, mounting plate, alignment sticker, ceiling hole template sticker, L-type hex key wrench, silica gel, screws, hex nut, double-sided tape, AV cable, waterproof connector & bushing
Dynamic Range	57 dB	<b>Dimensions</b>	
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		
<b>Audio</b>			
Audio Capability	Audio input/output (full duplex)		
Compression	GSM-AMR, AAC, G.711		
Interface	External microphone input External line output		
<b>Network</b>			
Users	Live viewing for up to 10 clients		
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTMP/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



**POE-IJ-1748NDN**  
PoE injector, 802.3af compliant

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