



FE8182

Fisheye Network Camera



5MP · 360° Surround View · Pixel Calculator · Compact Size · Recessed Mount · 3DNR · Smart Stream · WDR Enhanced

VIVOTEK's FE8182 is a Recessed-Mount fisheye network camera, featuring a detailed 5-Megapixel resolution sensor with superb image quality. A small camera with large functionality, VIVOTEK's FE8182, with a diameter of only 60 mm, is truly an all-in-one surveillance solution that meets a wide variety of needs for indoor surveillance. Equipped with a fisheye lens for 180° panoramic view (wall mount) or 360° surround view without blind spots (ceiling/floor mount), the camera is able to provide full video coverage of wide, open areas, such as airport lobbies, shopping malls, retail stores, offices and more.

The FE8182 offers various display layouts, including original surround view, panoramic view, and regional view to suit a variety of applications. In addition, in both the panoramic and regional viewing modes, users can utilize the ultra-smooth ePTZ function to effortlessly zoom in and focus on a region of interest (ROI). Further, a new cutting-edge pixel calculation function helps users to ensure high image quality for a designated area.

At the darker end of the spectrum, 3D Noise Reduction Technology allows users to enjoy an increased level of image detail in extremely dim environments without consuming or wasting unreasonably high bandwidth. To dramatically reduce file sizes and conserve valuable network bandwidth, the FE8182 supports Smart Stream and industry-standard H.264 compression technology. Further, the recessed-mount design allows users to install the camera without the need for screws. The FE8182 is not just perfect for blending into any surroundings or any roof space, but also produces substantial savings on both cost and time.

Key Features

- 5-Megapixel CMOS Sensor
- 15 fps @ 1920x1920
- Fisheye Lens for 180° Panoramic View and 360° Surround View
- Built-in IEEE 802.3af Compliant PoE
- 3D Noise Reduction
- Real-time H.264 and MJPEG Compression (Dual Codec)
- Smart Stream to Optimize Bandwidth Efficiency
- WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark Environments
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Pixel Calculator for Image Clarity Measurement



The Stylish Recessed-Mount Fisheye Network Camera



Library



Bank

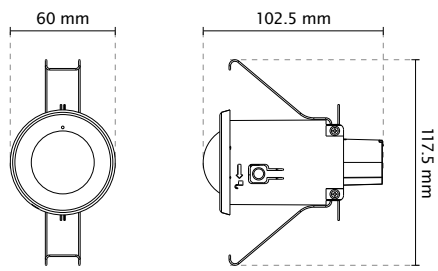


Retail



Office

Technical Specifications

Model	FE8182	Interface	10 Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
System Information		ONVIF	Supported, specification available at www.onvif.org
CPU	Multimedia SoC (System-on-Chip)	Intelligent Video	
Flash	128MB	Video Motion Detection	Five-window video motion detection
RAM	256MB	Alarm and Event	
Camera Features		Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Image Sensor	1/3.2" Progressive CMOS	Alarm Events	Event notification using HTTP, SMTP, FTP, NAS server and SD Card File upload via HTTP, SMTP, FTP, NAS server and SD card
Maximum Resolution	1920x1920	General	
Lens Type	Fixed-focal	Connectors	RJ-45 for Network/PoE connection
Focal Length	f = 1.05 mm	LED Indicator	System power and status indicator
Aperture	F2.0	Power Input	IEEE 802.3af PoE Class 1
Field of View	180° (Horizontal) 180° (Vertical) 180° (Diagonal)	Power Consumption	Max. 3 W
Shutter Time	1/5 sec. to 1/32,000 sec.	Dimensions	Ø 60 x 102.5 mm
WDR Technology	WDR Enhanced	Weight	133 g
Minimum Illumination	0.6 Lux @ F2.0 (Color)	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Pan/tilt/zoom Functionalities	ePTZ: 4x digital zoom IE plug-in	Operating Temperature	Starting Temperature: 0°C ~ 40°C (32°F ~ 104°F) Working Temperature: -10°C ~ 40°C (14°F ~ 104°F)
On-board Storage	Slot type: Micro SD/SDHC/SDXC card slot Seamless Recording	Warranty	24 months
Video		System Requirements	
Compression	H.264 & MJPEG	Operating System	Microsoft Windows 8/7/Vista/XP/2000
Maximum Frame Rate	15 fps @ 1920x1920	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10
Maximum Streams	3 simultaneous streams	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
S/N Ratio	64.4 dB	Included Accessories	
Dynamic Range	69.4 dB	Others	Quick installation guide, warranty card
Video Streaming	Adjustable resolution, quality and bitrate; Smart Stream	Dimensions	
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, 3D noise reduction		
Audio			
Audio Capability	Audio input		
Compression	G.711, G.726		
Interface	Built-in Microphone		
Effective Range	5 Meters		
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, UDP, ICMP, ARP, SSL, TLS		

Compatible Accessories

Mounting Kits



AM-526
Pendant mount adapter for 3/4" NPT Pipe

Dome Covers



AC-228
Transparent Cover (Plastic Case)



AC-229
Transparent Cover (IK10 Case)

All specifications are subject to change without notice. Copyright © VIVOTEK INC. All rights reserved.

Ver. 10