



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



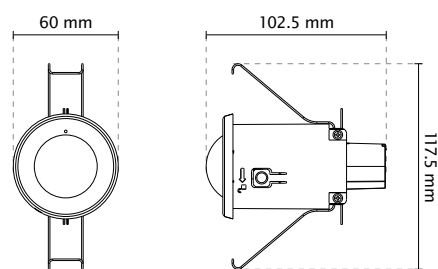
Office

Technical Specifications

| | |
|-------------------------------|--|
| Model | FE8182 |
| System Information | |
| CPU | Multimedia SoC (System-on-Chip) |
| Flash | 128MB |
| RAM | 256MB |
| Camera Features | |
| Image Sensor | 1/3.2" Progressive CMOS |
| Maximum Resolution | 1920x1920 |
| Lens Type | Fixed-focal |
| Focal Length | f = 1.05 mm |
| Aperture | F2.0 |
| Field of View | 180° (Horizontal) 180° (Vertical) 180° (Diagonal) |
| Shutter Time | 1/5 sec. to 1/32,000 sec. |
| WDR Technology | WDR Enhanced |
| Minimum Illumination | 0.6 Lux @ F2.0 (Color) |
| Pan/tilt/zoom Functionalities | ePTZ: 4x digital zoom IE plug-in |
| On-board Storage | Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording |
| Video | |
| Compression | H.264 & MJPEG |
| Maximum Frame Rate | 15 fps @ 1920x1920 |
| Maximum Streams | 3 simultaneous streams |
| S/N Ratio | 64.4 dB |
| Dynamic Range | 69.4 dB |
| Video Streaming | Adjustable resolution, quality and bitrate; Smart Stream |
| 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 | One-way Audio |
| 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, CIFS/SMB |

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| 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. |
| ONVIF | Supported, specification available at www.onvif.org |
| Intelligent Video | |
| Video Motion Detection | Five-window video motion detection |
| Alarm and Event | |
| Alarm Triggers | Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection |
| Alarm Events | Event notification using HTTP, SMTP, FTP, NAS server and MicroSD Card File upload via HTTP, SMTP, FTP, NAS server and MicroSD card |
| General | |
| Connectors | RJ-45 for Network/PoE connection |
| LED Indicator | System power and status indicator |
| Power Input | IEEE 802.3af PoE Class 1 |
| Power Consumption | Max. 3 W |
| Dimensions | Ø 60 x 102.5 mm |
| Weight | 133 g |
| Safety Certifications | CE, LVD, FCC Class B, VCCI, C-Tick, UL |
| Operating Temperature | Starting Temperature: 0°C ~ 40°C (32°F ~ 104°F) Working Temperature: -10°C ~ 40°C (14°F ~ 104°F) |
| Warranty | 24 months |
| System Requirements | |
| Operating System | Microsoft Windows 7/8 |
| Web Browser | Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11 |
| Other Players | VLC: 1.1.11 or above QuickTime: 7 or above |
| Included Accessories | |
| Others | Quick installation guide, warranty card |

Dimensions



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)