VIVOTEK

C series

FE8182

Fisheye Network Camera

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

- 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

Technical Specifications

System Information

Model	FE8182
CPU	Multimedia SoC (System-on-Chip)
Flash	128 MB
RAM	256 MB

Camera Features

Image Sensor	1/3.2" Progressive CMOS
Max. Resolution	1920x1920
Lens Type	Fixed-focal
Focal Length	f = 1.05 mm
Aperture	F2.0
Auto-iris	Fixed iris
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 (4x on IE plug-in)
Storage	Seamles Recording to MicroSD/SDHC/SDXC card

Video

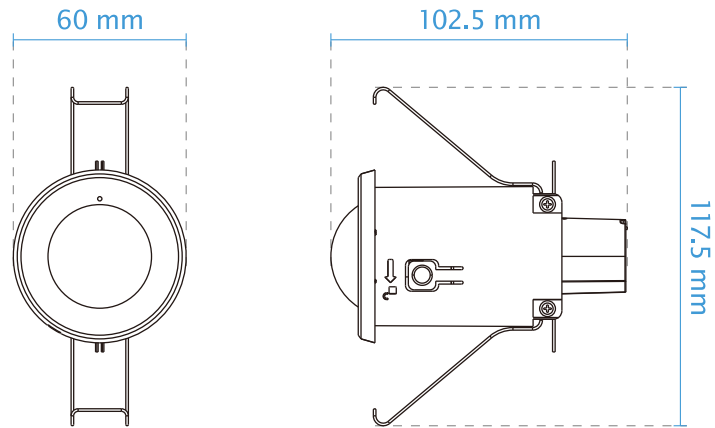|	
Video Compression	H.264, MJPEG
Maximum Frame Rate	15 fps @ 1920x1920
Maximum Streams	3 simultaneous streams
S/N Ratio	64 dB
Dynamic Range	70 dB
Video Streaming	Adjustable resolution, quality and bit rate control, Smart Stream
Image Settings	General settings: video title and time stamp overlay, video orientation (flip, mirror), day/night settings; Image settings: white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR, HLM, DIS; Exposure: BLC, HLC, exposure control (exposure level, iris adjustment, exposure time, gain control, iris mode); Privacy mask; Scheduled profile settings
Display Mode	Client dewarping Ceiling mounted: 1O Fisheye, 1P Panoramic, 2P Two Panoramics, 1R One Region, 4R Four Regions, 1O3R One Fisheye Three Regions, 1O8R One Fisheye Eight Regions Wall mounted: 1O Fisheye, 1P Panoramic, 1R One Region, 4R Four Regions, 1P2R One Panoramic Two Regions, 1P3R One Panoramic Three Regions, 1O3R, One Fisheye Three Regions

Audio

Audio Capability	One-way Audio
Audio Compression	G.711, G.726
Audio Interface	Built-in microphone
Effective Range	5 meters

Network

Users	Live viewing for up to 10 clients
Security	Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, user access log, user account management
Protocols	802.1X, ARP, CIFS/SMB, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
Interface	10 Base-T/100 Base-TX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.

ONVIF	Profile G, S supported, specification available at www.onvif.org

Solution Integration

Video Motion Detection	Five-window video motion detection

Alarm and Event

Event Trigger	Audio detection, camera tampering detection, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, system boot
Event Action	Event notification via email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card

General

Connectors	RJ-45 cable connector for 10/100Mbps 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
Certifications	EMC: CE (EN55032 Class B, EN55024), FCC (FCC Part 15 Subpart B Class B), RCM (AS/NZS CISPR 32 Class B), VCCI (V-3/2015.04 Class B, V-4/2012.04); Safety: UL (UL60950-1), CB (IEC/EN 60950-1)
Operating Temperature	Starting Temperature: 0°C ~ 40°C (32°F ~ 104°F) Working Temperature: -10°C ~ 40°C (14°F ~ 104°F)
Humidity	90%
Warranty	36 months

System Requirements

Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above

Included Accessories

Others	Quick installation guide

Dimensions

60 mm

102.5 mm

117.5 mm

Compatible Accessories

Mounting Kits	Dome Covers
AM-526 Pendant Mount Adapter (3/4" NPT Female Connector)	**AC-229** IK10 Transparent cover assembly