



# FE9180-H

Fisheye Network Camera



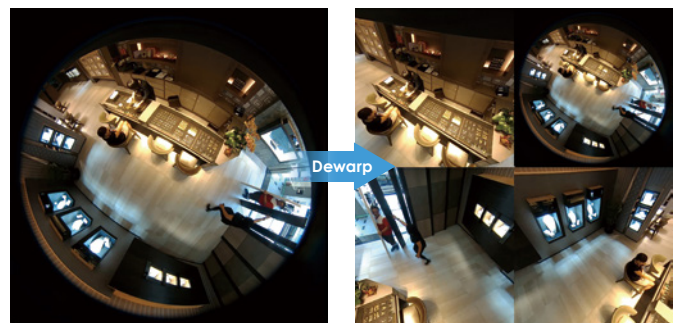
5MP • WDR Pro • Smart Stream III • 360° Surround View •  
Fisheye Dewarp

VIVOTEK's updated FE9180-H is a low profile fisheye network camera, featuring a detailed 5-Megapixel resolution sensor with superb image quality. At only 94 mm wide, the FE9180-H is truly an all-in-one surveillance solution that meets a wide variety of needs for indoor surveillance. Now equipped with WDR Pro, the FE9180-H is able to provide consistent crystal clear video quality even in high contrast lighting environments. Also with the addition of a built-in microphone, the FE9180-H is more versatile than ever.

Equipped with a fisheye lens for 180° panoramic view (wall mount) or 360° surround view without blind spots (ceiling mount), the sleek and discreet FE9180-H is able to provide full video coverage for sensitive areas like retail, hotels, banking, and education. The FE9180-H offers various display layouts, including original surround view, panoramic view, and regional view. Additionally, 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).

## Key Features

- Real-time H.265, H.264 and MJPEG Compression (Triple Codec)
- 15 fps @ 1920x1920
- 1.16 mm Fisheye Lens for 180° Panoramic View and 360° Surround View
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Smart Stream III to Optimize Bandwidth Efficiency
- Built-in Microphone
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- ePTZ for Data Efficiency
- Compact Design



360° Fisheye

103R

## Technical Specifications

Model	FE9180-H
<b>System Information</b>	
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	512MB
<b>Camera Features</b>	
Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	1920x1920
Lens Type	Fixed-focal
Focal Length	f = 1.16 mm
Aperture	F2.25
Field of View	180° (Horizontal) 180° (Vertical) 180° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Minimum Illumination	0.25 Lux @ F2.25 (Color), 50IRE 0.13 Lux @ F2.25 (Color), 30IRE
Pan/Tilt/Zoom Functionalities	ePTZ: 12x digital zoom (12x on IE plug-in)
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording
<b>Video</b>	
Compression	H265, H264, MJPEG
Maximum Frame Rate	15 fps @ 1920x1920
Maximum Streams	4 simultaneous streams
S/N Ratio	63.9 dB
Dynamic Range	87 dB
Video Streaming	Adjustable resolution, quality and bitrate; Smart Stream III
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, 3DNR, video rotation, defog
<b>Audio</b>	
Audio Capability	One-way Audio
Compression	G.711, G.726
Interface	Built-in microphone
Effective Range	5 meters

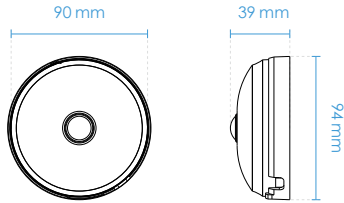
<b>Network</b>	
Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/ RTP/RTCP, IGMP, CIFS/SMB, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL/TLS
Interface	10 Base-T/100 Base-TX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Supported, specification available at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Intelligent Video</b>	
Video Motion Detection	Five-window video motion detection
<b>Alarm and Event</b>	
Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, MicroSD card life expectancy
Alarm Events	Event notification using HTTP, SMTP, FTP, NAS server and MicroSD Card File upload via HTTP, SMTP, FTP, NAS server and MicroSD Card
<b>General</b>	
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. 3.6 W
Dimensions	94 x 39 mm
Weight	140 g (with bracket)
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Humidity	90%
Warranty	24 months
<b>System Requirements</b>	
Operating System	Microsoft Windows 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 Quicktime: 7 or above
<b>Included Accessories</b>	

## Technical Specifications

### Others

Quick installation guide, warranty card, alignment sticker, screw pack, mounting bracket

### Dimensions



## Compatible Accessories

### Mounting Kits



AM-216  
15° tilt mount bracket



AM-52B  
mounting adapter