![VIVOTEK]

![2 year warranty VIVOTEK]

AF5108

Fisheye Network Camera

5MP · 360° Surround View · Pixel Calculator · Compact Size

The VIVOTEK AF5108 is the world's smallest fisheye camera, featuring a detailed 5-Megapixel resolution sensor with superb image quality. A small camera with large functionality, the VIVOTEK AF5108, with a diameter of only 90 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 mount), the camera is able to provide full video coverage of wide, open areas, such as airport lobby, shopping malls, retail stores, offices and more.

The AF5108 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 easily zoom in and focus on a region of interest (ROI). The new cutting-edge pixel calculation function helps the user to ensure the image quality of a desired area.

Key Features

· 5-Megapixel CMOS Sensor
· 30 fps @ 1080p Full HD
· 1.57 mm Fisheye Lens for 180° Panoramic View and 360° Surround View
· WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark Environments
· ePTZ for Data Efficiency
· Support Local or Client Side Dewarping
· 3D Noise Reduction
· 15° Tilt Mount Available
· Support Installation with Conduit Box

1O 360° view

Snapshot from AF5108

Retail

15° Wall-mount Bracket
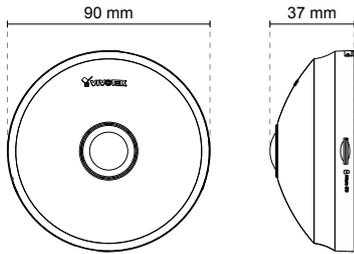

1O8R dewarpped view

1O3R dewarpped view

Office

Station lobby

Technical Specifications

Model	AF5108
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	256MB
Camera Features	
Image Sensor	1/2.5" Progressive CMOS
Maximum Resolution	1920x1920
Lens Type	Fixed-focal
Focal Length	f=1.57 mm
Aperture	F2.2
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	0.18 Lux @ F2.2 (Color)
Pan/tilt/zoom Functionalities	ePTZ: 12x digital zoom (12x on IE plug-in)
Video	
Compression	H.264, MJPEG
Maximum Frame Rate	15 fps @ 1920x1920 30 fps @ 1920x1080 In both compression modes
Maximum Streams	3 simultaneous streams
S/N Ratio	Above 62 dB
Dynamic Range	57 dB
Video Streaming	Adjustable resolution, quality and bitrate
Image Settings	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 Pixel calculator
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.
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	Video motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection
Alarm Events	Event notification using HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
General	
Connectors	RJ-45 cable connector for 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	Ø: 90 mm x 37 mm
Weight	Net: 135g
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
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 8/7/Vista/XP/2000
Web Browser	Mozilla Firefox 7~10 (Streaming only) Internet Explorer 7.x, 8.x, 9.x,10.x,11.x
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
Included Accessories	
Others	Alignment sticker, screws pack, mounting bracket

Dimensions

90 mm   37 mm

Compatible Accessories

Mounting Kits

AM-712
Conduit box

3 1/2" Electrical box

AM-216
15˚ Tilt Mount Bracket