

Fisheye Network Camera AF5127/27V

5MP • 360° Surround View • 180° Panoramic View

VIVOTEK AF5127/27V is the latest fisheye fixed dome network camera, featuring a detailed 5-Megapixel resolution sensor with superb image quality. Equipped with a fisheye lens for 180° panoramic view (wall mount) or 360° surround view (ceiling/floor/table mount) without blind spots, the camera is able to provide coverage of wide, open areas, such as airports, shopping malls, parking lots, retail stores, offices and more.

The AF5127/27V offers various display layouts, including original surround view, panoramic view, and regional view for various mounting applications. With the cutting-edge image processing capabilities, hemispherical images captured from the fisheye camera can be converted into conventional rectilinear projection for viewing and analysis. In addition, in both the panoramic as well as 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 pixel calculator function helps the user to ensure the image quality of a desired area.

As with all VIVOTEK true day/night cameras, the AF5127/27V features a removable IR-cut filter, maintaining clear images 24 hours a day. AF5127V's IP66-rated housing is designed to help the camera body withstand rain and dust and ensure operation under a multitude of harsh weather conditions; additionally, the vandal-proof IK10-rated housing effectively provides robust protection from vandalism. Together with 802.3af compliant PoE, EN50155 (AF5127V only) and iPad applications, the AF5127/27V is indisputably the top choice for constructing a robust surveillance system with the greatest coverage possible.



Technical Specifications System Information CPU Multimedia SoC (System-on-Chip) Flash RAM 256 MB **Camera Features** Image Sensor 1/2.5" Progressive CMOS sensor in 2560 x 1920

	resolution
Lens Type	Fixed-focal
Focal Length	f = 1.05 mm
Aperture	F2.8
Field of View	180° (horizontal) 180° (vertical) 180° (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Enhanced
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.03 Lux @ F2.8, 50 IRE (Color) 0.001 Lux @ F2.8, 50 IRE (B/W)
Pan/tilt/zoom Functionalities	ePTZ: 12x digital zoom (12x on IE plug-in)

Compression	H.264, MJPEG & MPEG-
Maximum Frame Rate	H.264:
	15 fps at 1920x1920

Video

Maximum Streams

30 fps at 1920x1080 MPEG-4: 15 fps at 1920x1920 30 fps at 1920x1080 MJPEG:

15 fps at 1920x1920 30 fps at 1920x1080 3 simultaneous streams Above 62 dB

S/N Ratio Dynamic Range Above 57 dB Video Streaming Adjustable resolution, quality and bitrate Image Settings Adjustable image size, quality and bit rate Pixel counter

Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks

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Scheduled profile settings

Audio	
Audio Capability	Audio input/output (full duplex)
Compression	GSM-AMR, AAC, G.711
Interface	Built-in microphone
	External microphone input

Effective Range 5 meters

Network Live viewing for up to 10 clients Users IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPP0E, CoS, QoS, SNMP, 802.1X Protocols

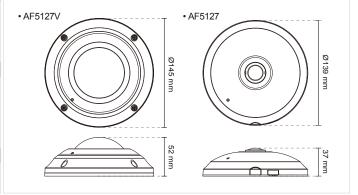
Interface 10Base-T/100 BaseTX Ethernet (RJ-45) ONVIE Ver. 1.02

Intelligent Video

Video Motion Detection Five-window video motion detection

Alarm and Event Alarm Triggers Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection Event notification using digital output, HTTP, SMTP, Alarm Events FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server General Connectors RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 12V power inout Digital input*1 Digital output*1 LED Indicator System power and status indicator DC 12V Power Input IEEE 802.3af PoE Class 2 Max. 5.1 W (DC 12V) Max. 5.3 W (PoE) Power Consumption Ø: 145 mm x 52 mm (AF5127V) Ø: 139 mm x 37 mm (AF5127) Net: 545 g (AF5127V) Dimensions Weight Net: 358 g (AF5127) Vandal-proof IK10-rated metal housing (AF5127V) Weather-proof IP66-rated housing (AF5127V) CE, LVD, FCC Class A, VCCI, C-Tick Casing Safety Certifications EN50155 (AF5127V) Starting Temperature: $-25^{\circ}\text{C} \sim 50^{\circ}\text{C} \ (-13^{\circ}\text{F} \sim 122^{\circ}\text{F})$ Working Temperature: $-40^{\circ}\text{C} \sim 50^{\circ}\text{C} \ (-40^{\circ}\text{F} \sim 122^{\circ}\text{F})$ 36 months Operating Temperature Warranty **System Requirements** Operating System Microsoft Windows 7/Vista/XP/2000 Mozilla Firefox 7~10 (Streaming only) Internet Explorer 7.x or 8.x VLC: 1.1.11 or above Quicktime: 7 or above Web Browser Other Players **Included Accessories** User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software CD Others Quick installation guide, warranty card, alignment sticker, desiccant bag, screw driver, screws pack, I/O cable, mounting bracket, software CD

Dimensions



Compatible Accessories

Mounting Kits



AM-518 Dome adapter

AM-515

NPT adapter (for AM-518)



AM-114 Pendant head



AM-115 Pendant pipe

Power Adapter



AA-221 DC 12V Power Adapter

PoE Kits



MS-POE-IJAF PoE injector, 802.3af compliant

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