



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.

SUPREME

Technical Specifications

System Information		Alarm and Event	
CPU	Multimedia SoC (System-on-Chip)	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection
Flash	128 MB	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
RAM	256 MB		
Camera Features		General	
Image Sensor	1/2.5" Progressive CMOS sensor in 2560 x 1920 resolution	Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 12V power input Digital input*1 Digital output*1
Lens Type	Fixed-focal	LED Indicator	System power and status indicator
Focal Length	f = 1.05 mm	Power Input	DC 12V IEEE 802.3af PoE Class 2
Aperture	F2.8	Power Consumption	Max. 5.1 W (DC 12V) Max. 5.3 W (PoE)
Field of View	180° (horizontal) 180° (vertical) 180° (diagonal)	Dimensions	Ø: 145 mm x 52 mm (AF5127V) Ø: 139 mm x 37 mm (AF5127)
Shutter Time	1/5 sec. to 1/32,000 sec.	Weight	Net: 545 g (AF5127V) Net: 358 g (AF5127)
WDR Technology	WDR Enhanced	Casing	Vandal-proof IK10-rated metal housing (AF5127V) Weather-proof IP66-rated housing (AF5127V)
Day/Night	Removable IR-cut filter for day & night function	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick EN50155 (AF5127V)
Minimum Illumination	0.03 Lux @ F2.8, 50 IRE (Color) 0.001 Lux @ F2.8, 50 IRE (B/W)	Operating Temperature	Starting Temperature: -25°C ~ 50°C (-13°F ~ 122°F) Working Temperature: -40°C ~ 50°C (-40°F ~ 122°F)
Pan/tilt/zoom Functionalities	ePTZ: 12x digital zoom (12x on IE plug-in)	Warranty	36 months
Video		System Requirements	
Compression	H.264, MJPEG & MPEG-4	Operating System	Microsoft Windows 7/Vista/XP/2000
Maximum Frame Rate	H.264: 15 fps at 1920x1920 30 fps at 1920x1080 MPEG-4: 15 fps at 1920x1920 30 fps at 1920x1080 MJPEG: 15 fps at 1920x1920 30 fps at 1920x1080	Web Browser	Mozilla Firefox 7~10 (Streaming only) Internet Explorer 7.x or 8.x
Maximum Streams	3 simultaneous streams	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
S/N Ratio	Above 62 dB		
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 Scheduled profile settings		
Audio		Included Accessories	
Audio Capability	Audio input/output (full duplex)	CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Compression	GSM-AMR, AAC, G.711	Others	Quick installation guide, warranty card, alignment sticker, desiccant bag, screw driver, screws pack, I/O cable, mounting bracket, software CD
Interface	Built-in microphone External microphone input		
Effective Range	5 meters		
Network		Dimensions	
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	10Base-T/100 BaseTX Ethernet (RJ-45)		
ONVIF	Ver. 1.02		
Intelligent Video			
Video Motion Detection	Five-window video motion detection		

Compatible Accessories

Mounting Kits



AM-518
Dome adapter



AM-114
Pendant head



AM-515
NPT adapter (for AM-518)



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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