



AD5196

Fixed Dome Network Camera

2MP · 15M IR · 3DNR

VIVOTEK AD5196 is an easy-to-use fixed dome network camera specifically designed for indoor security applications with a compact, stylish exterior. Equipped with a 2MP sensor enabling viewing resolution of 1920x1080 at a smooth 30 fps, the AD5196 is an all-in-one camera capable of capturing high quality and high resolution video up to 2 Megapixel.

In order to adapt to constantly changing lighting conditions, the AD5196 features a removable IR-cut filter as well as improved IR illuminators effective up to 15M for superior image quality around the clock. Featuring 3D Noise Reduction Technology, it enables the AD5196 to capture clear, polished video under low-light conditions, which also helps to reduce bandwidth from sensor noise.

The AD5196 supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With H.264, and MJPEG compatibility both included, multiple streams can be simultaneously transmitted in any of these formats at different resolutions, frame rates, and image qualities for versatile platforms. Thereby it further optimizes bandwidth and storage efficiency.

Incorporating a number of advanced features standard for VIVOTEK cameras, including tamper detection, 802.3af compliant PoE and VIVOTEK's 32-channel recording software, the AD5196 is the ideal solution for your indoor surveillance needs.

Key Features

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 15 Meters
- Built-in 802.3af Compliant PoE
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- 3D Noise Reduction
- Smart IR Technology to Avoid Overexposure



Technical Specifications

Model	AD5196	Intelligent Video	
System Information		Video Motion Detection	Triple-window video motion detection
CPU	Multimedia SoC (System-on-Chip)	Alarm and Event	
Flash	128MB	Alarm Triggers	Video motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection
RAM	256MB	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server
Camera Features		General	
Image Sensor	1/2.7" Progressive CMOS	Connectors	RJ-45 for Network/PoE connection
Maximum Resolution	1920x1080 (2MP)	LED Indicator	System power and status indicator
Lens Type	Fixed-focal	Power Input	DC 12V IEEE 802.3af PoE Class 3
Focal Length	f = 2.8 mm	Power Consumption	Max.6.5W
Aperture	F2.0	Dimensions	Ø: 128 mm x 98 mm
Field of View	105° (Horizontal) 87° (Vertical) 135° (Diagonal)	Weight	Net: 435 g
Shutter Time	1/5 sec. to 1/32,000 sec.	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Day/Night	Removable IR-cut filter for day & night function	Operating Temperature	Starting Temperature: 0°C ~ 50°C Working Temperature: -10°C ~ 50°C
Minimum Illumination	1.22 Lux @ F2.0 (Color) 0.008 Lux @ F2.0 (B/W) 0 Lux @ IR LED ON	Warranty	24 months
Pan Range	348°	System Requirements	
Tilt Range	70°	Operating System	Microsoft Windows 7/Vista/XP/2000
Rotation Range	345°	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9
Pan/tilt/zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)	Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
IR Illuminators	Built-in IR illuminators, effective up to 15 meters with Smart IR IR LED*6	Included Accessories	
Video		CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Compression	H.264 & MJPEG	Others	Alignment sticker, screw pack
Maximum Frame Rate	30 fps @ 1920x1080 In both compression modes	Dimensions	
Maximum Streams	3 simultaneous streams		
S/N Ratio	Above 53 dB		
Dynamic Range	54.5 dB		
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving		
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, 3D Noise Reduction		
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, UDP, ICMP		
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)		
ONVIF	Supported, specification available at www.onvif.org		

Compatible Accessories

Mounting Kits



AM-51A
Mounting Adapter



AM-520
Mounting Adapter



AM-214
L shape bracket



AM-712
Conduit Box

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