



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







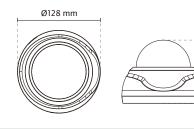


Technical Specifications

| Multimedia SoC (System-on-Chip) |
|---|
| 128MB |
| 256MB |
| |
| 1/2.7" Progressive CMOS |
| 1920x1080 (2MP) |
| Fixed-focal |
| f = 2.8 mm |
| F2.0 |
| 105' (Horizontal) 87' (Vertical) 135' (Diagonal) |
| 1/5 sec. to 1/32,000 sec. |
| Removable IR-cut filter for day & night function |
| 1.22 Lux @ F2.0 (Color) 0.008 Lux @ F2.0 (B/W) 0 Lux @ IR LED ON |
| 348° |
| 70° |
| 345° |
| ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in) |
| Built-in IR illuminators, effective up to 15 meters with Smart IR IR LED*6 |
| |
| H.264 & MJPEG |
| 30 fps @ 1920x1080 In both compression modes |
| 3 simultaneous streams |
| Above 53 dB |
| 54.5 dB |
| Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving |
| 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 |
| |
| Live viewing for up to 10 clients |
| 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 |
| ICIVII |
| |

| Intelligent Video | |
|------------------------|---|
| Video Motion Detection | Triple-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 digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server |
| General | |
| Connectors | RJ-45 for Network/PoE connection |
| LED Indicator | System power and status indicator |
| Power Input | DC 12V IEEE 802.3af PoE Class 3 |
| Power Consumption | Max.6.5W |
| Dimensions | Ø: 128 mm x 98 mm |
| Weight | Net: 435 g |
| Safety Certifications | CE, LVD, FCC Class B, VCCI, C-Tick |
| Operating Temperature | Starting Temperature: 0°C ~ 50°C Working Temperature: -10°C ~ 50°C |
| Warranty | 24 months |
| System Requirements | |
| Operating System | Microsoft Windows 7/Vista/XP/2000 |
| Web Browser | Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9 |
| Other Players | VLC: 1.1.11 or above QuickTime: 7 or above |
| Included Accessories | |
| CD | User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software |
| Others | Alignment sticker, screw pack |

Dimensions



Compatible Accessories

Mounting Kits



Mounting Adapter



AM-520 Mounting Adapter



AM-214 L shape bracket



AM-712 Conduit Box

All specifications are subject to change without notice. Copyright @ VIVOTEK INC. All rights reserved. P/N: 626010100G



98 mm