



AB5396A

Bullet Network Camera



2MP · 30M IR · IP66 · IK10 · Smart Stream II · SNV · Defog

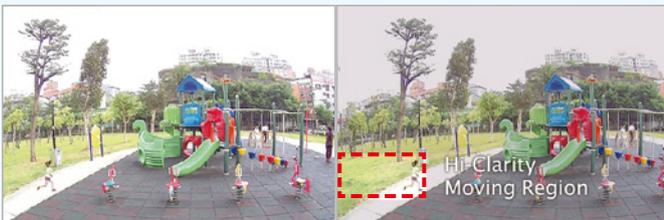
VIVOTEK's AB5396A is an all-in-one bullet-style network camera designed for diverse outdoor applications. Equipped with a 2MP sensor enabling viewing resolution of 1920x1080 at a smooth 30 fps, the AB5396A is an ideal and highly adaptable outdoor camera capable of capturing high quality video at high resolutions of up to 2 Megapixel.

The AB5396A features VIVOTEK's sophisticated Smart Stream II technology, allowing the camera to optimize image quality for the most important regions in any scene, and thus ensuring maximum efficiency of bandwidth usage and savings of up to 50% on bandwidth and storage requirements. In order to adapt to constantly changing outdoor lighting conditions, the AB5396A also features a removable IR-cut filter as well as IR illuminators effective up to 30M for superior image quality around the clock. For protection against harsh outdoor environments, the camera is encased in a weather-proof IP66-rated housing, making it impervious to rain and dust. The robustness of the AB5396A is further strengthened by the adoption of rugged IK10 design housing.

Incorporating a number of advanced features standard for VIVOTEK cameras, including video rotation, defog and VIVOTEK's 32-channel recording software, the AB5396A is the ideal solution for your outdoor 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 30 Meters
- Built-in 802.3af Compliant PoE
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- Weather-proof IP66-rated and Vandal-proof IK10-rated Metal Housing
- Smart Stream II to Optimize Bandwidth Efficiency
- 3D Noise Reduction
- Smart IR Technology to Avoid Overexposure
- SNV (Supreme Night Visibility) for Low Light Conditions



Without Smart Stream II

With Smart Stream II



Parking Lot



Campus

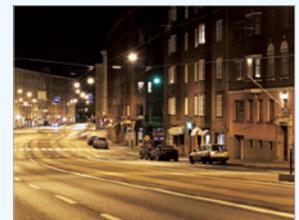


Ordinary Camera

VIVOTEK SNV Camera



Residential



Street

Technical Specifications

Model	AB5396A
System Information	
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	256MB
Camera Features	
Image Sensor	1/2.9" Progressive CMOS
Maximum Resolution	1920x1080 (2MP)
Lens Type	Fixed-focal
Focal Length	f = 3.6 mm
Aperture	F2.1
Field of View	78° (Horizontal) 42° (Vertical) 84° (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	0.06 Lux @ F2.1 (Color) 0.01 Lux @ F2.1 (B/W)
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
IR Illuminators	Built-in IR illuminators, effective up to 30 meters with Smart IR IR LED*10
Video	
Compression	H.264 & MJPEG
Maximum Frame Rate	30 fps @ 1920x1080 In both compression modes
Maximum Streams	4 simultaneous streams
S/N Ratio	65 dB
Dynamic Range	69.4 dB
Video Streaming	Adjustable resolution, quality and bitrate Smart Stream II
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, video rotation, defog
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, ARP, SSL, TLS
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 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 for Network/PoE connection

LED Indicator System power and status indicator

Power Input IEEE 802.3af PoE Class 0

Power Consumption Max. 10 W

Dimensions Ø 72 x 300 mm

Weight Net: 1010 g

Casing Weather-proof IP66-rated housing
Vandal-proof IK10-rated metal housing

Safety Certifications CE, LVD, FCC Class A, VCCI, C-Tick

Operating Temperature Starting Temperature: -10°C ~ 50°C (14°F~ 122°F)
Working Temperature: -20°C ~ 50°C (-4°F~ 122°F)

Humidity 90%

Warranty 24 months

System Requirements

Operating System Microsoft Windows 8/7/Vista/XP/2000

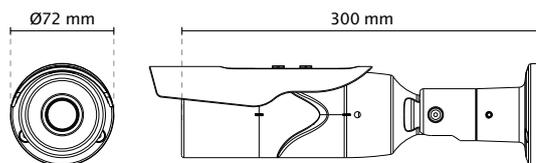
Web Browser Mozilla Firefox 7~43 (streaming only)
Internet Explorer 7/8/9/10/11

Other Players VLC: 1.1.11 or above
QuickTime: 7 or above

Included Accessories

Others Alignment sticker, cable management bracket, screw pack, sunshield

Dimensions



Compatible Accessories

Mounting Kits



AM-523
Adapting Plate

Cloud-based Solution

