# VIVOTEK

## C series
# IB8369A
### Bullet Network Camera

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

VIVOTEK's IB8369A 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 IB8369A is an ideal and highly adaptable outdoor camera capable of capturing high quality video at high resolutions of up to 2 Megapixel.

The IB8369A 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 IB8369A 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 IB8369A 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, a dedicated MicroSD/SDHC/SDXC card slot, and VIVOTEK's 32-channel recording software, the IB8369A 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
· Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
· 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
· VIVOCloud Mobile App
· Trend Micro IoT Security within Standard Warranty Period

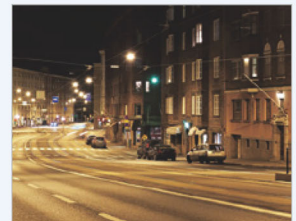Without Smart Stream II | With Smart Stream II

Hi-Clarity Moving Region

Parking Lot | Campus

Ordinary Camera | VIVOTEK SNV Camera

Residential | Street

## Technical Specifications

| | |
|---|---|
| Model | IB8369A |

### 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)<br>42˚ (Vertical)<br>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)<br>0.01 Lux @ F2.1 (B/W) |
| Pan/Tilt/Zoom Functionalities | ePTZ:<br>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<br>IR LED*10 |
| On-board Storage | Slot type: MicroSD/SDHC/SDXC card slot<br>Seamless Recording |

### Video

| | |
|---|---|
| Compression | H.264 & MJPEG |
| Maximum Frame Rate | 30 fps @ 1920x1080<br>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<br>Smart Stream II |
| Image Settings | Time stamp, text overlay, flip & mirror<br>Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks<br>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, CIFS/SMB |
| Interface | 10 Base-T/100 BaseTX Ethernet (RJ-45)<br>*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

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|---|---|
| Alarm Triggers | Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection |
| Alarm Events | Event notification using HTTP, SMTP, FTP, NAS server and MicroSD card<br>File upload via HTTP, SMTP, FTP, NAS server and MicroSD card |

### 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<br>Vandal-proof IK10-rated metal housing |
| Safety Certifications | CE, LVD, FCC Class A, VCCI, C-Tick, UL |
| Operating Temperature | IB8369A:<br>Starting Temperature: -10˚C ~ 50˚C (14˚F~ 122˚F)<br>Working Temperature: -20˚C ~ 50˚C (-4˚F~ 122˚F)<br>IB8369A (OP-40):<br>Starting Temperature: -10˚C ~ 50˚C (14˚F~ 122˚F)<br>Working Temperature: -40˚C ~ 50˚C (-40˚F~ 122˚F) |
| Humidity | 90% |
| Warranty | 24 months |

### System Requirements

| | |
|---|---|
| Operating System | Microsoft Windows 8/7 |
| Web Browser | Internet Explorer 10/11<br>Chrome version 58.0.3029 or above |
| Other Players | VLC: 1.1.11 or above<br>QuickTime: 7 or above |

### Included Accessories

| | |
|---|---|
| Others | Quick installation guide, alignment sticker, cable management bracket, screw pack, sunshield |

## Dimensions

Ø72 mm          300 mm
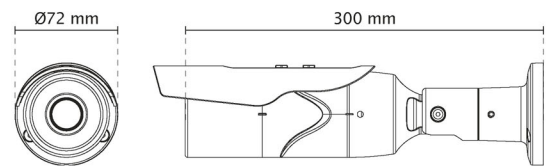
## Compatible Accessories

### Mounting Kits

**AM-312**
Pole Mount Adapter

**AM-412**
Corner Mount Adapter

**AM-523**
Adapting Plate

## Cloud-based Solution

Stratocast™

| Model | Description | Part Number |
|-------|-------------|-------------|
| IB8369A | 2MP, 30M IR, IP66, Fixed-focal, Operating Temp. -20˚C ~ 50˚C | 100149100G |
|  |  | 100159800G, US |
| IB8369A (OP-40) | 2MP, 30M IR, IP66, Fixed-focal, Operating Temp. -40˚C ~ 50˚C | 100178100G |

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