VIVOTEK’s FD8369A-V is an easy-to-use fixed dome network camera specifically designed for outdoor security applications, with a 2MP sensor enabling a viewing resolution of 1920x1080 at a smooth 30 fps. Dynamic and highly adaptable, the FD8369A-V is an all-in-one camera capable of capturing high quality video at high resolutions of up to 2 Megapixels.

The FD8369A-V features VIVOTEK’s sophisticated Smart Stream II technology, allowing the camera to optimize image quality for desired regions, and thus ensure 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 FD8369A-V 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 FD8369A-V 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 FD8369A-V is the ideal solution for your outdoor surveillance needs.
### Technical Specifications

#### Model
FD8369A-V

#### 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 = 2.8 mm
- **Aperture**: F1.8
- **Field of View**: 114° (Horizontal), 61° (Vertical), 132° (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 @ F1.8 (Color), 0.01 Lux @ F1.8 (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**: Built-in IR LEDs
- **On-board Storage**: Slot type: MicroSD/SDHC/SDXC card slot

#### Video
- **Compression**: H.264 & MJPEG
- **Maximum Frame Rate**: 30 fps @1920x1080
- **Maximum Streams**: 4 simultaneous streams
- **S/N Ratio**: 68.5 dB
- **Dynamic Range**: 69.4 dB
- **Video Streaming**: Adjustable resolution, quality and bitrate
- **Image Settings**: Time stamp, text overlay, flip & mirror
- **Network**: Live viewing for up to 10 clients

#### 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, 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: 10.5 W
- **Dimensions**: Ø 129 x 93 mm
- **Weight**: Net: 590.6 g
- **Casing**: Weather-proof IP66-rated housing
- **Safety Certifications**: CE, LVD, FCC Class A, VCCI, C-Tick, UL

#### Operating Temperature
- **FD8369A-V**: Starting Temperature: -10°C ~ 50°C (14°F~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F~ 122°F)
- **FD8369A-V (OP-40)**: Starting Temperature: -10°C ~ 50°C (14°F~ 122°F) 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, Chrome version 58.0.3029 or above
- **Other Players**: VLC: 1.1.11 or above, QuickTime: 7 or above

#### Included Accessories
- **Others**: Quick installation guide, alignment sticker, screw pack

#### Dimensions

![Dimensions Diagram]

#### Compatible Accessories

<table>
<thead>
<tr>
<th>Mounting Kits</th>
<th>AM-21A</th>
<th>AM-528</th>
<th>AM-51D</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-shape Bracket</td>
<td>AM-21A</td>
<td>AM-528</td>
<td>AM-51D</td>
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<tr>
<td>Mounting Adapter</td>
<td>AM-21A</td>
<td>AM-528</td>
<td>AM-51D</td>
</tr>
<tr>
<td>Adapter Ring</td>
<td>AM-21A</td>
<td>AM-528</td>
<td>AM-51D</td>
</tr>
</tbody>
</table>

#### Cloud-based Solution

![Stratocast Logo]
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>FD8369A-V</td>
<td>2MP, 30M IR, IP66, IK10, Fixed-focal, Operating Temp. -20°C ~ 50°C</td>
<td>100144800G</td>
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<td></td>
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<td>100166500G, US</td>
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<tr>
<td>FD8369A-V (Black)</td>
<td>2MP, 30M IR, IP66, IK10, Fixed-focal, Operating Temp. -20°C ~ 50°C, Black</td>
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<tr>
<td>FD8369A-V (OP-40)</td>
<td>2MP, 30M IR, IP66, IK10, Fixed-focal, Operating Temp. -40°C ~ 50°C</td>
<td>100177900G</td>
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