VIVOTEK FD9369

VIVOTEK FD9369 2MP Dome Network Camera User Manual

Model: FD9369 | Brand: VIVOTEK

1. INTRODUCTION

This manual provides detailed instructions for the VIVOTEK FD9369 2MP Dome Network Camera. It covers product features, installation, operation, maintenance, troubleshooting, and technical specifications. The FD9369 is an outdoor dome camera designed for surveillance applications.

Key Features:

- 2 Megapixel sensor for 1920×1080 resolution at 30 frames per second.

- Fixed-focus lens for various surveillance scenarios.

- Infrared (IR) illuminators with a 30-meter effective range for enhanced night visibility.

- Robust IP66-rated housing for outdoor weather protection.

- IK10-rated housing for vandal resistance.

- Power-over-Ethernet (PoE) and DC power input options for flexible installation.

- MicroSD/SDHC/SDXC card slot for local recording and data portability.

- H.265 compression with VIVOTEK's Smart Stream III technology to reduce bandwidth and storage consumption.

- AI-based deep-learning smart motion detection to minimize false alarms.

Figure 1: VIVOTEK FD9369 2MP Dome Network Camera. This image shows the white dome camera with its integrated cable for power and network connections.

2. PACKAGE CONTENTS

Please verify that all items are present and in good condition upon opening the package. The standard package for the VIVOTEK FD9369 typically includes:

- VIVOTEK FD9369 2MP Dome Network Camera
- Mounting screws and anchors
- Waterproof connector kit
- Quick Installation Guide
- Alignment sticker

If any items are missing or damaged, please contact your vendor immediately.

3. SAFETY INFORMATION

Read these instructions carefully before installing and operating the camera. Keep this manual for future reference.

- **Installation:** Installation should be performed by qualified personnel only and must comply with all local codes.

- **Power Source:** Use only the specified power adapter or PoE source. Ensure the power supply voltage is within the camera's rated range (12V DC or PoE IEEE 802.3af/at).

- **Environment:** Do not expose the camera to extreme temperatures, humidity, or corrosive environments. Ensure proper ventilation if installed in an enclosed space.

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.

- **Disassembly:** Do not attempt to disassemble or modify the camera. Unauthorized modifications will void the warranty.

4. SETUP

4.1 Physical Installation

1. **Select Location:** Choose a suitable outdoor location for optimal surveillance coverage, considering the camera's 30-meter IR range and fixed lens view.

2. **Mounting Surface:** Ensure the mounting surface is strong enough to support the camera's weight.

3. **Drill Holes:** Use the provided alignment sticker to mark and drill pilot holes for the mounting screws.

4. **Secure Camera:** Attach the camera securely to the mounting surface using the provided screws and anchors.

5. **Adjust Angle:** Loosen the adjustment screws to position the camera lens for the desired viewing angle, then tighten them to secure the position.

4.2 Power Connection

The FD9369 supports two power input methods:

- **Power over Ethernet (PoE):** Connect an Ethernet cable from a PoE-enabled switch or injector to the camera's RJ45 port. This provides both power and data connectivity.

- **DC Power:** Connect a 12V DC power adapter (not included) to the camera's DC power input port. If using DC power, a separate Ethernet cable is required for network connectivity.

4.3 Network Connection

Connect an Ethernet cable from your network router or switch to the camera's RJ45 port. The camera will obtain an IP address automatically via DHCP by default. If DHCP is not available, the camera will use a default IP address (refer to the Quick Installation Guide for specifics).

5. OPERATING INSTRUCTIONS

5.1 Initial Access and Configuration

1. **Discover Camera:** Use VIVOTEK's IP Search utility or a network scanner to find the camera's IP address on your network.

2. **Access Web Interface:** Open a web browser and enter the camera's IP address.

3. **Login:** Enter the default username and password (refer to the Quick Installation Guide or product documentation for initial credentials). It is highly recommended to change the default password immediately for security.

4. **Initial Setup Wizard:** Follow the on-screen wizard to configure basic settings such as date/time, network settings, and user accounts.

5.2 Video Monitoring

Once logged into the web interface, you can view live video streams, adjust image settings (brightness, contrast, saturation), and configure video resolution and frame rates.

5.3 Recording and Storage

- **MicroSD Card:** Insert a MicroSD/SDHC/SDXC card into the designated slot for local storage. Format the card through the camera's web interface.

- **Recording Schedule:** Configure continuous recording, event-triggered recording (e.g., motion detection), or scheduled recording via the web interface.

- **Network Video Recorder (NVR):** For extended storage and multi-camera management, connect the FD9369 to a compatible NVR.

5.4 Smart Stream III

Enable Smart Stream III technology in the camera settings to dynamically adjust video quality and bit rate, optimizing bandwidth and storage efficiency without compromising critical details.

5.5 Smart Motion Detection

Configure the AI-based smart motion detection feature to define detection zones and sensitivity levels. This helps reduce false alarms by distinguishing between relevant and irrelevant movements.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the camera's lens and housing to ensure optimal image quality and prolong product life.

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. If necessary, use a small amount of lens cleaning solution.

- **Housing:** Wipe the camera housing with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

6.2 Firmware Updates

Periodically check the VIVOTEK website for the latest firmware updates. Firmware updates can provide new features, performance improvements, and security enhancements. Follow the instructions provided with the firmware update package carefully.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your VIVOTEK FD9369 camera.

- **No Power:**

- Check power connections (PoE or DC adapter).
- Ensure the power source is active and providing the correct voltage.

- **No Video/Network Connection:**
  - Verify Ethernet cable connection.
  - Check network switch/router status.
  - Confirm the camera has a valid IP address using the IP Search utility.
  - Ensure firewall settings are not blocking camera communication.

- **Poor Image Quality:**
  - Clean the camera lens.
  - Check for obstructions in the camera's field of view.
  - Adjust image settings (brightness, contrast) in the web interface.
  - Ensure sufficient lighting, especially at night (IR illuminators should be active).

- **Cannot Access Web Interface:**
  - Verify the camera's IP address.
  - Ensure your computer is on the same network segment as the camera.
  - Try a different web browser.
  - Reset the camera to factory defaults (refer to the Quick Installation Guide for the reset procedure).

- **Recording Issues:**
  - Check if a MicroSD card is inserted and properly formatted.
  - Verify recording schedules and event triggers.
  - Ensure sufficient storage space on the MicroSD card or NVR.

If the problem persists, contact VIVOTEK technical support or your local dealer.

8. SPECIFICATIONS

Feature	Specification
Model Number	FD9369
Effective Video Resolution	2 MP (1920 x 1080)
Frame Rate	30 fps
Lens Type	Fixed Lens (2.8mm)
Night Vision Range	Up to 30 meters (98.43 ft)
Video Compression	H.265, H.264, MJPEG
Image Sensor	CMOS
Power Source	PoE (IEEE 802.3af/at) or 12V DC
Power Consumption	4 watts
Connectivity Technology	Wired (Ethernet)
Storage	MicroSD/SDHC/SDXC card slot
Ingress Protection Rating	IP66 (Dust and Water Resistant)

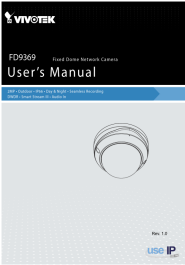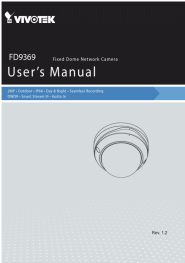| Feature	Specification
Vandal Resistance Rating	IK10 (Vandal-proof)
Special Features	Smart Stream III, AI-based Smart Motion Detection
Dimensions (L x W x H)	5.51 x 3.94 x 14.96 inches
Item Weight	690 Grams (1.52 pounds)
Operating Temperature	Not specified (typically -10°C to 50°C for outdoor cameras)

9. WARRANTY AND SUPPORT

VIVOTEK products are covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official VIVOTEK website.
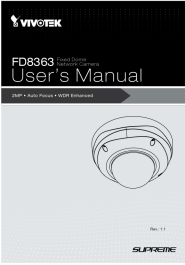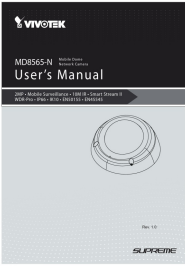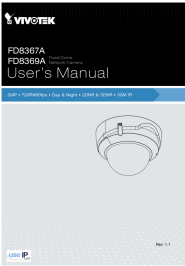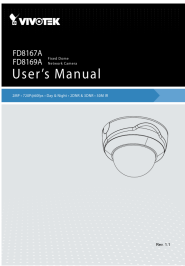
For technical support, product registration, or to download the latest software and documentation, please visit the VIVOTEK support portal or contact your authorized VIVOTEK dealer.

VIVOTEK Official Website: www.vivotek.com

Related Documents - FD9369

	VIVOTEK FD9369 Fixed Dome Network Camera User's Manual Comprehensive user manual for the VIVOTEK FD9369 2MP Fixed Dome Network Camera, covering installation, configuration, and operational details for optimal surveillance system integration.
	VIVOTEK FD9369 User's Manual: Installation and Operation Guide Comprehensive user's manual for the VIVOTEK FD9369 Fixed Dome Network Camera, covering installation, configuration, and operation for high-quality surveillance.

[VIVOTEK FD8363: User Manual for 2MP Outdoor Network Dome Camera](#)

Comprehensive user manual for the VIVOTEK FD8363 fixed dome network camera. Learn about installation, configuration, features like 2MP resolution, WDR Enhanced, PoE, and remote access for professional surveillance.

[VIVOTEK MD8565-N User's Manual: Mobile Dome Network Camera](#)

Comprehensive user's manual for the VIVOTEK MD8565-N mobile dome network camera, detailing its 2MP resolution, 10M IR, Smart Stream II, WDR-Pro, IP66/IK10 ratings, EN50155/EN45545 compliance, installation, and configuration for transportation surveillance.

[VIVOTEK FD8367A/FD8369A Fixed Dome Network Camera User's Manual](#)

Comprehensive user manual for VIVOTEK FD8367A and FD8369A Fixed Dome Network Cameras. Covers installation, configuration, features like 2MP resolution, Smart Stream II, IR illumination, IP66/IK10 ratings, and advanced settings for outdoor surveillance.

[VIVOTEK FD8167A FD8169A Fixed Dome Network Camera User Manual](#)

User manual for VIVOTEK FD8167A and FD8169A fixed dome network cameras. Covers installation, configuration, features like 2MP resolution, Smart Stream II, IR illumination, and network setup for indoor surveillance.