VIVOTEK FD8169A (21193612)

VIVOTEK FD8169A Fixed Dome Network Camera User Manual

Model: FD8169A (21193612)

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the VIVOTEK FD8169A Fixed Dome Network Camera. Please read this manual thoroughly before using the product to ensure proper setup and functionality.

Figure 1: VIVOTEK FD8169A Fixed Dome Network Camera. This image shows the white dome-shaped camera with the VIVOTEK logo on its upper casing and the lens assembly visible through the clear dome cover.

PRODUCT FEATURES

- **2 Megapixel CMOS Sensor:** Captures high-resolution video.
- **30 fps 1920x1080:** Provides smooth, full HD video streaming.
- **Removable IR-cut Filter for Day / Night Function:** Ensures clear images in varying light conditions, automatically switching between color and monochrome modes.
- **SNV (Supreme Night Visibility) for Low Light Conditions:** Enhances image clarity in extremely dark environments.
- **Built-in MicroSD/SDHC/SDXC Card Slot for Onboard Storage:** Allows for local recording without the need for an external NVR.

SETUP GUIDE

1. Unpacking and Inspection

Carefully unpack the camera and all accessories. Verify that all components are present and undamaged. If any items are missing or damaged, contact your vendor immediately.

2. Mounting the Camera

The FD8169A is designed for ceiling mount installation. Ensure the mounting surface is strong enough to support the camera's weight. Use appropriate screws and anchors for your specific ceiling material.

1. Drill pilot holes in the desired mounting location using the provided mounting template (if applicable).
2. Secure the mounting bracket to the ceiling.
3. Attach the camera body to the mounting bracket, ensuring it is firmly locked in place.

3. Network Connection

Connect an Ethernet cable from your network switch or router to the camera's RJ-45 port. The camera supports Fast Ethernet connectivity.

4. Powering On

Connect the power adapter (if not using Power over Ethernet - PoE) to the camera's power input. The camera will power on automatically.

5. Initial Configuration

Access the camera's web interface using its IP address. Refer to the VIVOTEK utility software for IP address discovery. Follow the on-screen prompts to set up administrator credentials and basic network settings.

OPERATING INSTRUCTIONS

Accessing the Web Interface

Open a web browser and enter the camera's IP address. Log in with your configured username and password.

Live View

The live view page displays the real-time video feed from the camera. You can adjust various image settings such as brightness, contrast, and saturation from this interface.

Recording and Storage

The camera supports recording to a local MicroSD/SDHC/SDXC card. Configure recording schedules and motion detection settings through the web interface. Recorded footage can be accessed and downloaded from the storage settings.

Network Protocols

The camera supports a wide range of network protocols including HTTP, HTTPS, FTP, SMTP, DHCP, DNS, NTP, and more, allowing for flexible integration into existing network infrastructures.

MAINTENANCE

Cleaning the Camera

Regularly clean the camera's dome cover with a soft, damp cloth to remove dust and smudges. Avoid using abrasive

cleaners or solvents that could damage the lens or casing.

Firmware Updates

Periodically check the VIVOTEK official website for firmware updates. Keeping the firmware up-to-date ensures optimal performance and security.

Environmental Considerations

Ensure the camera operates within its specified temperature and humidity ranges to prevent damage and ensure longevity. The camera is designed for indoor use.

TROUBLESHOOTING

No Video Feed

- Check power connection and network cable.
- Verify the camera's IP address and network settings.
- Ensure your network firewall is not blocking the camera's ports.

Poor Image Quality

- Clean the camera lens and dome cover.
- Adjust image settings (brightness, contrast, sharpness) in the web interface.
- Ensure adequate lighting in the surveillance area, especially for night vision.

Cannot Access Web Interface

- Confirm the camera is powered on and connected to the network.
- Verify the IP address is correct and there are no IP conflicts.
- Try resetting the camera to factory defaults (refer to the full manual for procedure).

SPECIFICATIONS

Feature	Detail
Model	FD8169A (21193612)
Image Sensor	2 Megapixel CMOS Sensor (1/2.7")
Max. Video Resolution	1920 x 1080 (Full HD)
Frame Rate	30 fps
Focal Length	2.80 mm
IR Illuminators	Effective up to 15M
Connectivity	Cable (Fast Ethernet, RJ-45)
Storage	Built-in MicroSD/SDHC/SDXC Card Slot
Power Source	AC/DC (3 watts)
Dimensions (L x W x H)	7 x 7 x 3.7 inches

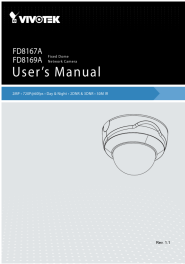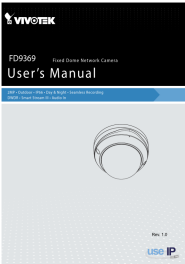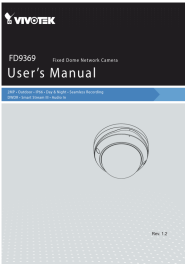| Feature	Detail
Weight	1.84 pounds
Indoor/Outdoor Usage	Indoor
International Protection Rating	IP54

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official VIVOTEK website or contact your authorized VIVOTEK dealer. Keep your purchase receipt as proof of purchase for warranty claims.

VIVOTEK Official Website: www.vivotek.com

Related Documents - FD8169A (21193612)

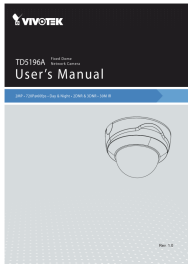|	
	[VIVOTEK FD8167A FD8169A Fixed Dome Network Camera User Manual](#) User manual for VIVOTEK FD8167A and FD8169A fixed dome network cameras. Covers installation, configuration, features like 2MP resolution, Smart Stream II, IR illumination, and network setup for indoor surveillance.
	[VIVOTEK FD9369 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.
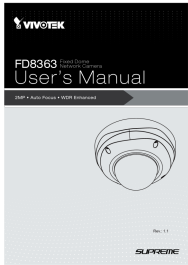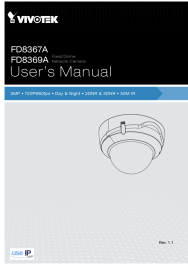
	[VIVOTEK FD8363: User Manual for 2MP Outdoor Network Dome Camera](#) Comprehensive user manual for the VIVOTEK FD8363 fixed dome network camera. Learn about installation, configuration, features like 2MP resolution, WDR Enhanced, PoE, and remote access for professional surveillance.
	[VIVOTEK FD8367A/FD8369A 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 TD5196A Fixed Dome Network Camera User's Manual](#) Comprehensive user manual for the VIVOTEK TD5196A 2MP fixed dome network camera. Covers installation, configuration, Smart Stream II, IR capabilities, and advanced surveillance features for indoor security. Essential guide for deployment and management.