

Lorex AZT-D24281-2ND4-1

Lorex 1080p 8-Channel 1TB Wired DVR Security System Instruction Manual

MODEL: AZT-D24281-2ND4-1

Brand: Lorex

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Lorex 1080p 8-Channel 1TB Wired DVR Security System. Please read this manual thoroughly before using the product to ensure proper setup and functionality.



Image 1.1: Overview of the Lorex 1080p 8-Channel 1TB Wired DVR Security System components.

1.1 What's in the Box

- 1080p Full HD 8-Channel Security System with 1 TB DVR
- Four 1080p Night Vision Dome Cameras
- Power adapters for DVR and cameras
- Video cables for camera connection
- USB Mouse
- Ethernet cable
- Mounting hardware

2. SETUP

2.1 DVR Connection

1. **Connect to a Monitor:** Use an HDMI or VGA cable to connect the DVR to a compatible monitor.
2. **Connect USB Mouse:** Plug the included USB mouse into an available USB port on the DVR.

3. **Network Connection (Optional):** For remote viewing, connect an Ethernet cable from the DVR's LAN port to your router.
4. **Power Connection:** Connect the DVR's power adapter to the DVR and then to a power outlet.



Image 2.1: Rear panel of the DVR with connection ports.

2.2 Camera Installation

The included dome cameras are designed for both indoor and outdoor use, featuring IP67 weatherproof rating and durable metal housing.

1. **Select Mounting Location:** Choose a location that provides the desired viewing angle and is within reach of the video and power cables. Consider areas that offer optimal coverage and minimize blind spots.
2. **Mount the Cameras:** Use the provided mounting hardware to securely attach the cameras to a wall or ceiling. Ensure the camera is positioned correctly for the desired field of view.
3. **Connect Video and Power:** Connect the camera's video cable to an available BNC input on the DVR. Connect the camera's power cable to the power adapter and then to a power source.



Image 2.2: Dome camera mounted on an exterior wall.



Image 2.3: Dome camera mounted under eaves for subtle security.



Image 2.4: Camera demonstrating IP67 weatherproof durability.

2.3 Initial Configuration

After powering on the DVR, follow the on-screen prompts to complete the initial setup, which typically includes:

- Language selection
- Date and time settings
- Password creation
- Network settings (if connected)

3. OPERATING THE SYSTEM

3.1 Live View and Recording

Once the system is set up, you can view live feeds from all connected cameras on your monitor. The DVR is configured for 24/7 continuous recording to the internal 1TB hard drive.

1080p HD video for crisp, detailed footage

High definition 1080p (1920 × 1080) video ensures sharp live viewing and recording to capture important details.

1080P 1080p HD Resolution



Image 3.1: Example of 1080p HD video resolution.

3.2 Smart Motion Detection

The system features Smart Motion Detection, which can differentiate between people and vehicles. This helps reduce false alarms and ensures you receive relevant alerts.

- **Configuration:** Access the DVR's menu to configure motion detection zones and sensitivity for each camera.
- **Alerts:** Enable push notifications through the Lorex App for real-time alerts on your smartphone when person or vehicle motion is detected.

Smart Motion Detection



This system supports person and vehicle detection, which helps identify and categorize motion events. It also limits the number of motion alerts sent to your smartphone to only detections caused by people or vehicles.



Image 3.2: Smart Motion Detection identifying a person and vehicle.

3.3 Night Vision

The cameras are equipped with Smart Infrared (IR) night vision, providing clear black and white video footage up to 65 feet in low-light conditions. The IR mode activates automatically.

See in the dark

Smart Infrared (IR) mode is automatically activated when light levels drop for long-range night vision up to 65ft away.



65ft Night Vision Range



Image 3.3: Comparison of daytime and infrared night vision.

3.4 Playback and Digital Zoom

Review recorded footage directly from the DVR. The system also supports digital zoom on both live and recorded video for closer inspection of details.

Experience Clear Video and Digital Zoom Capabilities With 1080p Resolution



Image 3.4: Digital zoom functionality on recorded video.



Image 3.5: Quick search feature for reviewing footage.

3.5 Remote Access (Lorex App)

Download the Lorex App on your smartphone or tablet to access live views, playback recordings, and receive alerts remotely. Ensure your DVR is connected to the internet for this feature.

4. MAINTENANCE

4.1 Hard Drive Management

The 1TB internal hard drive provides ample storage for continuous recording without the need for monthly fees or subscriptions. The system automatically overwrites the oldest footage when the hard drive is full.



Image 4.1: 1TB hard drive for local storage.

4.2 Cleaning

- **Camera Lenses:** Periodically clean camera lenses with a soft, lint-free cloth to ensure clear image quality. Avoid abrasive cleaners.
- **DVR Unit:** Keep the DVR unit free from dust and ensure proper ventilation to prevent overheating.

4.3 Firmware Updates

Check the Lorex support website periodically for firmware updates. Keeping your DVR's firmware updated ensures optimal performance and access to the latest features and security enhancements.

5. TROUBLESHOOTING

If you encounter issues with your Lorex security system, refer to the following common troubleshooting steps:

- **No Video Display:** Ensure all cables (power, video, monitor) are securely connected. Verify the monitor input source is correct.
- **No Recording:** Check if the hard drive is properly installed and initialized. Verify recording schedules and motion detection settings.
- **Remote Access Issues:** Confirm the DVR is connected to the internet and has a stable network connection. Ensure the Lorex App is updated and configured correctly.
- **Poor Image Quality:** Clean camera lenses. Check cable connections for damage. Adjust camera position if glare or obstructions are present.

For more detailed troubleshooting guides and technical support, visit the official Lorex support website.

6. SPECIFICATIONS

Feature	Specification
Brand	Lorex
Model Number	AZT-D24281-2ND4-1
Connectivity Technology	Wired
Video Capture Resolution	1080p (1920 x 1080)
Number of Channels	8
Memory Storage Capacity	1 TB
Special Features	App Control, Night Vision, Vehicle Detection, Weatherproof
Night Vision Range	Up to 65 Feet
Weatherproof Rating	IP67
Operating Temperature	140°F/60°C Heat Rating and -40°F/-40°C Cold Rating
Viewing Angle	94 Degrees

Feature	Specification
Power Source	Corded Electric
Item Dimensions (L x W x H)	19.7 x 19.2 x 10.3 inches
Item Weight	21.7 pounds
UPC	695529022086

7. WARRANTY AND SUPPORT

7.1 Warranty Information



For detailed warranty information regarding your Lorex 1080p 8-Channel 1TB Wired DVR Security System, please refer to the warranty card included with your product or visit the official Lorex website. Warranty terms and conditions may vary.


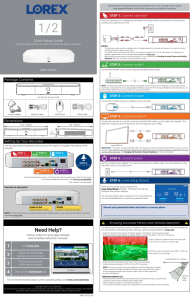
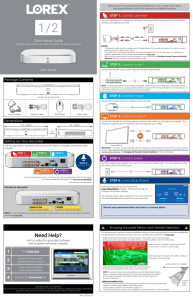

7.2 Customer Support

If you require further assistance, technical support, or have questions not covered in this manual, please contact Lorex customer support through their official website. Online resources, FAQs, and contact information are available to help you.

Lorex Official Website: www.lorex.com

Related Documents - AZT-D24281-2ND4-1

	<p>Lorex D241 Series User Manual: Comprehensive Guide to Setup, Features, and Operation</p> <p>Explore the Lorex D241 Series 1080p HD Security DVR with this detailed user manual. Learn about installation, recording, playback, motion detection, remote access, and troubleshooting for your security system.</p>
	<p>Lorex 1080p HD Digital Video Recorder and Bullet Security Camera Overview</p> <p>Comprehensive guide to the Lorex 1080p HD Digital Video Recorder and Bullet Security Camera, detailing features, specifications, and setup. Includes information on advanced motion detection, smart home compatibility, and local storage.</p>

	<p>Lorex 4K Ultra HD Security Systems: DVRs and Active Deterrence Cameras</p> <p>Explore Lorex 4K Ultra HD Digital Video Recorders (DVRs) and Active Deterrence Cameras. Features include advanced motion detection, smart home compatibility, local storage, and superior resolution for comprehensive security.</p>
	<p>Lorex D862 Series DVR Quick Setup Guide</p> <p>A quick setup guide for the Lorex D862 Series 4K Ultra HD DVR, covering physical setup and essential system configuration, including connecting cameras, router, monitor, and using the Lorex Setup Wizard.</p>
	<p>Lorex D861 Series DVR Quick Setup Guide</p> <p>A comprehensive guide to the physical setup and essential system configuration of the Lorex D861 Series 4K Ultra HD Security DVR, including camera connection, router setup, and initial wizard guidance.</p>
	<p>Troubleshooting Lorex Cameras: Fix Notification Issues</p> <p>Learn how to resolve common problems when your Lorex camera isn't sending notifications. This guide covers SMTP settings, network issues, app configuration, firmware updates, and more.</p>