Lorex D861A82B

Lorex D861A82B-R 4K Ultra HD 8 Channel Digital Video Recorder Instruction Manual

Model: D861A82B-R | Brand: Lorex

Introduction and Overview

The Lorex D861B Series 4K Ultra HD Digital Video Recorder (DVR) is designed as a central component for home and small business security camera systems. This DVR offers sharp 4K recording capabilities and supports active deterrence security cameras. It features advanced smart motion detection to differentiate between people and vehicles, reducing false alarms. Equipped with a 2TB security-grade hard drive, it ensures private and secure data storage without monthly fees. The system integrates seamlessly with the Lorex Home App for remote viewing and supports smart home hubs for voice control options, meeting diverse security monitoring demands.

What's Included

- Lorex D861A82B-R 4K Ultra HD 8 Channel Digital Video Recorder (DVR)
- HDMI Cable
- Power Adapter
- Ethernet Cable
- USB Mouse
- Instruction Manual

Product Features

- **4K Analog Ultra HD Recording:** Records up to 4K (8MP) Ultra HD Resolution on all connected cameras. Supports digital zoom for enhanced clarity on distant objects.
- **2TB Preinstalled HDD:** Comes with a 2TB hard disk drive, expandable up to 8TB, for secure local storage without

monthly fees.

- **Smart Motion Detection:** Advanced detection capabilities for people and vehicles on all channels, minimizing false alerts. Receive push notifications to the Lorex Home app.
- **Smart Search Function:** Quickly review recorded motion events by filtering for specific alerts in the Lorex Home mobile app.
- **Active Deterrence Support:** Compatible with active deterrence cameras. A panic button on the recorder activates deterrence features.
- **Smart Home Voice Control:** Access live footage with simple voice commands via compatible Alexa and Google devices. Control deterrence features with Google Assistant.
- **Remote Viewing:** View live or recorded video directly on your smartphone or TV with smart home compatibility (Apple TV and Chromecast).

Product Overview



Figure 1: Top view of the Lorex D861A82B-R 4K Ultra HD DVR, showing its sleek design and indicator lights.



Figure 2: Rear panel of the Lorex D861A82B-R DVR, displaying various input/output ports including BNC, HDMI, VGA, USB, and Ethernet.



Figure 3: Side view of the Lorex D861A82B-R DVR, highlighting ventilation grilles for heat dissipation.



Figure 4: Front view of the Lorex D861A82B-R DVR, showing the power button and USB port.

Setup Instructions

Follow these general steps to set up your Lorex D861A82B-R DVR system. For detailed visual guidance, refer to the embedded videos.

1. **Unpack and Inspect:** Carefully unpack all components and ensure everything listed in the "What's Included" section is present and undamaged.
2. **Connect Cameras:** Connect your compatible security cameras to the BNC video input ports on the rear of the DVR. Ensure secure connections.
3. **Connect to Display:** Connect the DVR to a monitor or TV using the provided HDMI cable or a VGA cable.
4. **Connect Network:** Connect the DVR to your router using the Ethernet cable for internet access, enabling remote viewing and smart features.
5. **Connect USB Mouse:** Plug the USB mouse into one of the USB ports on the DVR for navigation.
6. **Power On:** Connect the power adapter to the DVR and then to a power outlet. The system will power on and initiate.
7. **Initial Configuration:** Follow the on-screen setup wizard to configure basic settings like language, time zone, and create a secure password.

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Video 1: A detailed unboxing and setup guide for a 4K security camera system, demonstrating the initial steps for connecting components and configuring the system. While this video features an NVR, the general setup principles for connecting cameras, display, network, and power are similar for DVRs.

Operating Instructions

Smart Motion Detection

The DVR's smart motion detection feature helps reduce false alarms by specifically identifying people and vehicles. Configure detection zones and sensitivity settings through the DVR's interface or the Lorex Home app. When a person or vehicle is detected, you will receive push notifications to your smartphone.

Smart Home Integration

Integrate your Lorex DVR with compatible smart home devices for enhanced control and convenience:

- **Voice Control:** Use simple voice commands with Amazon Alexa or Google Assistant to view live footage.
- **Deterrence Features:** Control active deterrence camera features using Google Assistant voice commands.
- **TV Viewing:** Stream live or recorded video to smart TVs compatible with Apple TV and Chromecast.

Lorex Home App

The Lorex Home app provides remote access to your DVR system. Download the app on your smartphone to:

- View live camera feeds from anywhere.
- Review recorded footage using the Smart Search function.
- Receive instant push notifications for detected events.
- Configure system settings and camera preferences.

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Video 2: An overview of a DVR security camera system, demonstrating features like remote viewing and motion detection alerts, which are typically managed through a mobile application.

Connectivity

The Lorex D861A82B-R DVR offers various connectivity options for seamless integration into your security setup:

- **Wired Camera Connections:** Utilizes BNC inputs for analog Ultra HD cameras.
- **Network Connectivity:** Ethernet port for connection to your local network and internet.
- **Display Outputs:** HDMI and VGA ports for connecting to monitors or televisions.
- **USB Ports:** For connecting a mouse and potentially for backup or firmware updates.

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Video 3: This video explains camera compatibility with a DVR, detailing various analog formats (D1, AHD, TVI, CVI) and certain IP cameras, while noting SDI cameras are not supported. This is crucial for understanding which cameras can be connected to the Lorex DVR.

Specifications

Feature	Detail
Model Number	D861A82B-R
Recording Resolution	Up to 4K (8MP) Ultra HD
Channels	8 Channel
Hard Disk Drive (HDD)	2TB Preinstalled (Expandable up to 8TB)
Connectivity Technology	Wired
Compatible Devices	Smartphone, Television (via Lorex Home App, Apple TV, Chromecast)
Product Dimensions	16 x 14 x 4 inches
Item Weight	0.01 ounces

Maintenance

To ensure optimal performance and longevity of your Lorex DVR system, consider the following maintenance tips:

- **Regular Cleaning:** Keep the DVR unit and cameras free from dust and debris. Use a soft, dry cloth for cleaning.
- **Firmware Updates:** Periodically check for and install firmware updates to ensure your system has the latest features and security enhancements.
- **Hard Drive Health:** Monitor the health of your hard drive through the DVR's system settings. Back up important footage regularly.
- **Cable Connections:** Ensure all cables (power, video, network) are securely connected and free from damage.
- **Environmental Conditions:** Place the DVR in a well-ventilated area, away from direct sunlight, heat sources, and moisture.

Troubleshooting

If you encounter issues with your Lorex D861A82B-R DVR, try the following basic troubleshooting steps:

- **No Video Output:**
  - Check HDMI/VGA cable connections to both the DVR and the display.
  - Ensure the display is set to the correct input source.
  - Verify the DVR is powered on and indicator lights are active.
- **No Remote Viewing:**
  - Confirm the Ethernet cable is securely connected to the DVR and router.
  - Check your internet connection.
  - Ensure the Lorex Home app is updated to the latest version.
  - Verify network settings on the DVR are correctly configured (e.g., DHCP enabled).

- **False Motion Alerts:**
  - Adjust motion detection sensitivity settings in the DVR or app.
  - Refine motion detection zones to exclude areas with frequent irrelevant movement (e.g., trees swaying).
- **Hard Drive Issues (e.g., "No Disk Error"):**
  - Ensure the internal hard drive is properly connected.
  - If the issue persists, the hard drive may need replacement.

For more advanced troubleshooting or persistent issues, please refer to the official Lorex support website or contact customer service.

Compatibility

The Lorex D861A82B-R DVR is compatible with a wide range of Lorex cameras, including:

- C241XC-E, C831CD, LW2287/2297/4211B, C241DA-E, C581CB/CD, C841CA, C861CF/CH/MB/XC-E, C881DA, C882DA, LAB243, LBV1511/1521B/2521/2531/2561U/2711(S)/2723/4711/8531B/8541XB/8721AB, LEV2750AB/4712/8532B, LZV2722/2925, C881DAB, C883DA, and AY41TR.

For optimal performance, always ensure your cameras are compatible with 4K Ultra HD DVR systems and meet the required specifications.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question