

Lorex D841A62B4K

Lorex D841A62B4K Ultra HD 16 Channel Security DVR User Manual

Model: D841A62B4K

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Lorex D841A62B4K Ultra HD 16 Channel Security DVR. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize its features.

The Lorex D841A62B4K is a state-of-the-art 16-channel security DVR designed to record and manage video surveillance footage in up to 4K (8MP) Ultra HD resolution. It features advanced motion detection, smart home voice control compatibility, and a built-in security-grade hard drive for reliable 24/7 monitoring.

PACKAGE CONTENTS

Before beginning installation, ensure all components are present:

- Lorex D841A62B4K DVR Unit
- Power Adapter
- USB Mouse
- Ethernet Cable
- Quick Start Guide
- (Optional) Security Cameras and Cables (depending on kit)

PRODUCT OVERVIEW

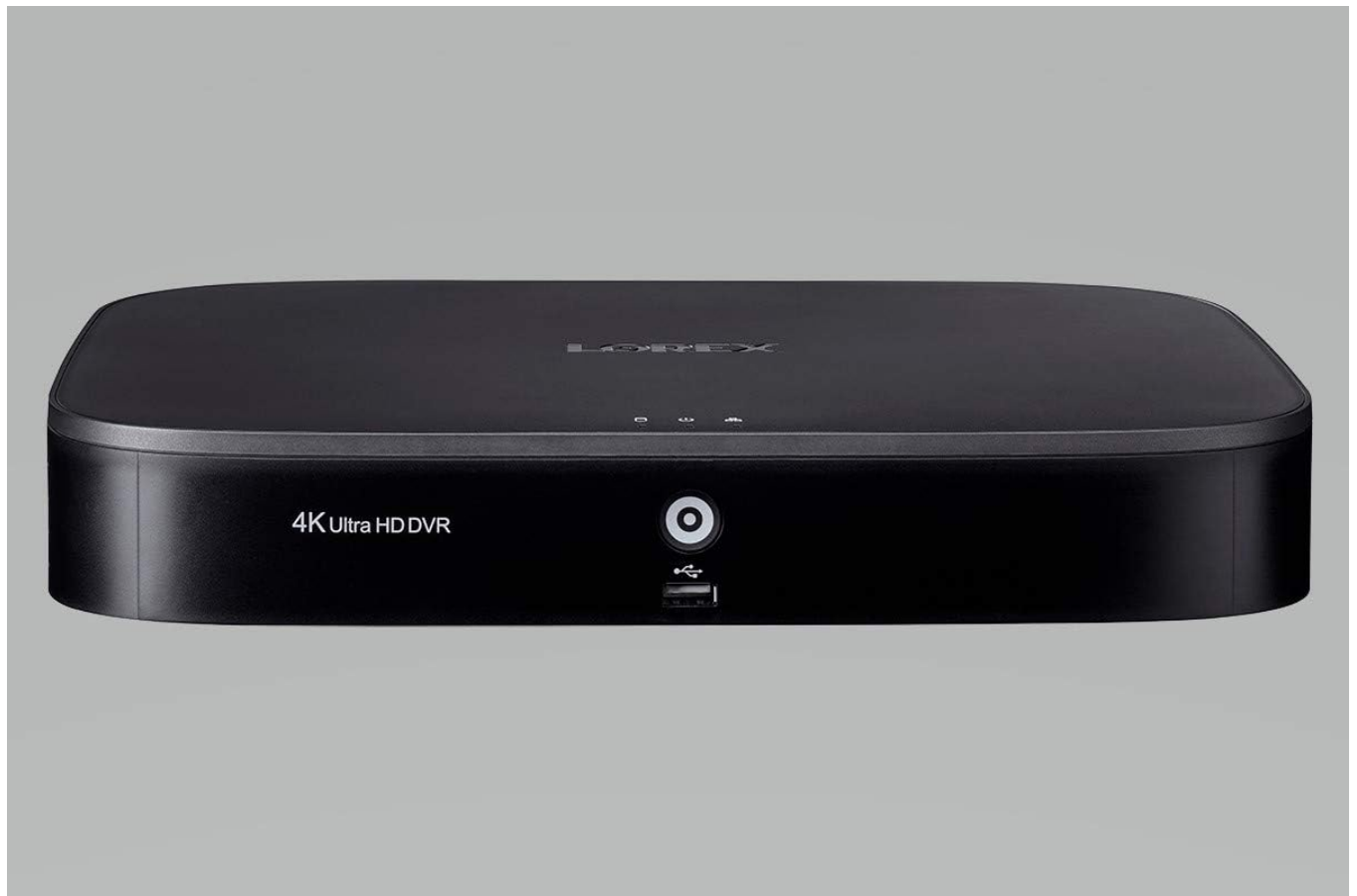


Figure 1: Front Panel

The front panel features the power button, status indicators, and a USB port for mouse or USB drive connection. The "4K Ultra HD DVR" label is visible.



Figure 2: Rear Panel Connections

The rear panel includes 16 BNC video inputs, audio input/output, HDMI, VGA, Ethernet, USB 3.0, and power input ports. This is where cameras, monitors, and network cables connect.

SETUP

1. Initial Hardware Connection

1. **Connect Cameras:** Connect your security cameras to the BNC video input ports on the rear panel of the DVR. Ensure secure connections.
2. **Connect Monitor:** Connect a monitor to the DVR using either the HDMI or VGA port.
3. **Connect Mouse:** Plug the included USB mouse into one of the USB ports on the DVR (front or rear).
4. **Connect Network:** For remote viewing and updates, connect an Ethernet cable from the DVR's Ethernet port to your router.
5. **Connect Power:** Plug the power adapter into the DVR's power input and then into a power outlet. The DVR will power on automatically.

2. First-Time Setup Wizard

Upon first power-on, the DVR will guide you through a setup wizard. Follow the on-screen prompts to:

- Set language and region.
- Create a secure password for the administrator account.
- Configure network settings (DHCP is recommended for most users).
- Set date and time.
- Scan the QR code to download the Lorex Home App for mobile access.

OPERATING INSTRUCTIONS

1. Live View and Recording

Once setup is complete, the DVR will display the live view from connected cameras. Recording typically begins automatically based on default settings (continuous or motion-triggered).

2. Smart Motion Detection

The DVR features advanced person and vehicle detection. This technology helps reduce false alarms by distinguishing between human and vehicle movement and other environmental factors. When a person or vehicle is detected, you will receive push notifications via the Lorex Home App.

3. Face Detection (if supported by cameras)

For compatible cameras, Face Detection can be enabled to trigger alerts only when a face is detected, ideal for entranceways. Recorded face detection events can be reviewed and filtered using the Smart Search function.

4. Panic Button

A panic button is located on the front of the DVR. Press and hold this button to activate deterrence features (lights and sirens) on compatible Active Deterrence cameras simultaneously, providing an immediate response to potential threats.

5. Remote Viewing with Lorex Home App

Download the free Lorex Home App from your mobile device's app store. Scan the QR code displayed on the DVR's monitor during setup or found in the network settings. This allows you to view live footage, review recordings, and control deterrence features remotely from your smartphone or tablet. Configure push notifications within the app to stay informed of motion events.

6. Smart Search

To quickly find specific events, use the Smart Search feature. Select an area of interest on the recorded footage, and the system will automatically play back video segments where scene changes occurred in that area. This is particularly useful for reviewing activity around doorways or driveways.

7. Video Compression (HEVC / H.265)

The DVR supports HEVC (High Efficiency Video Encoding) or H.265 video compression, which can save up to 40% more storage space compared to H.264. To utilize this feature, your connected cameras must also support HEVC video compression.

8. Voice Control

The DVR is compatible with Amazon Alexa and Google Assistant for voice commands. You can quickly access live footage using simple voice commands. For controlling deterrence features, Google Assistant compatibility is required.

MAINTENANCE

- **Regular Cleaning:** Keep the DVR unit clean and free of dust. Use a soft, dry cloth. Do not use liquid cleaners.
- **Firmware Updates:** Periodically check the Lorex website or the DVR's system settings for available firmware updates to ensure optimal performance and security.
- **Hard Drive Health:** The built-in security-grade hard drive is designed for 24/7 operation. While robust, it is good practice to periodically back up critical footage if needed. The DVR supports up to an 8TB hard drive.
- **Environmental Conditions:** Ensure the DVR is placed in a well-ventilated area, away from direct sunlight, heat sources, and excessive moisture to prevent overheating and damage.

TROUBLESHOOTING

Common Issues and Solutions:

Problem	Possible Cause / Solution
No video display on monitor.	Check HDMI/VGA cable connections. Ensure monitor input is set correctly (HDMI/VGA). Verify DVR is powered on.
No recording or missing footage.	Check hard drive status in DVR settings. Verify recording schedules are configured correctly. Ensure cameras are properly connected and powered.
False motion detection alerts.	Adjust motion detection sensitivity in DVR settings. Utilize person/vehicle detection filters. Review camera placement to minimize environmental triggers (e.g., moving branches).
Cannot connect to Lorex Home App.	Ensure DVR is connected to the internet. Verify network settings on DVR and mobile device. Re-scan QR code or manually add device in the app. Check router firewall settings.

For further assistance, please refer to the Lorex support website or contact customer service.

SPECIFICATIONS

Feature	Detail
Model Number	D841A62B4K
Video Inputs	16 Channels
Max Recording Resolution	4K (8MP) Ultra HD
Hard Drive Capacity	Up to 8TB (Security Grade)
Video Compression	HEVC / H.265, H.264
Connectivity	Ethernet, USB
Compatible Devices	Cameras, Smartphones, Tablets, Televisions
Smart Features	Person/Vehicle Detection, Face Detection, Smart Search, Voice Control (Alexa, Google Assistant)
Dimensions (Approx.)	16 x 13 x 5.5 inches
Weight (Approx.)	6.59 pounds

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please visit the official Lorex website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

Lorex Official Website: www.lorextechnology.com

IMPORTANT SAFETY INFORMATION

- Use only the power adapter supplied with the unit.
- Do not expose the DVR to water or moisture.
- Do not open the DVR casing. Refer all servicing to qualified personnel.
- Ensure proper ventilation to prevent overheating.