

Lorex N841A81

Lorex N841A81 Series 8 Channel 4K Ultra HD Network Video Recorder (NVR) User Manual

Model: N841A81 | Brand: Lorex

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Lorex N841A81 Series 8 Channel 4K Ultra HD Network Video Recorder (NVR). This NVR is designed to record and manage video surveillance from compatible cameras, offering advanced features for enhanced security monitoring.

2. PACKAGE CONTENTS

Ensure all items listed below are present in your package:

- Lorex N841A81 NVR Unit
- AC Power Adapter
- USB Mouse
- Ethernet Cable
- HDMI Cable
- Quick Start Guide / Instruction Manual (this document)

3. SETUP

3.1 NVR Overview

Familiarize yourself with the front and rear panels of your NVR unit.



Figure 1: Front panel of the Lorex N841A81 NVR, showing the 4K Ultra HD NVR label and a front USB port.



Figure 2: Rear panel of the Lorex N841A81 NVR, displaying multiple PoE ports, HDMI, VGA, USB, LAN, and audio output connections.

3.2 Initial Connection

1. **Connect to a Display:** Connect the NVR to a monitor or TV using the provided HDMI cable. Alternatively, use a VGA cable (not included).
2. **Connect USB Mouse:** Plug the USB mouse into one of the NVR's USB ports (front or rear).
3. **Connect to Network:** Connect the NVR to your router using the provided Ethernet cable. This enables remote viewing and network features.
4. **Connect Cameras:** Connect your compatible IP cameras to the PoE ports on the rear of the NVR. The NVR provides power and data connection through these ports.
5. **Power On:** Connect the AC power adapter to the NVR's power input and then plug it into a power outlet. The NVR will power on automatically.

3.3 First-Time Setup Wizard

Upon initial power-on, the NVR will guide you through a setup wizard to configure basic settings such as language, time zone, and password creation. Follow the on-screen prompts to complete the setup.

4. OPERATING INSTRUCTIONS

4.1 Lorex Home Mobile App

The Lorex Home app allows you to remotely view your security system from your smartphone or tablet. It also provides control over active deterrence features and allows you to receive motion-activated push notifications and email alerts.

- **Download the App:** Download the free Lorex Home app from your device's app store.
- **Add Device:** Scan the QR code located on your NVR to add it to your account.
- **Remote Viewing:** Once added, you can view live or recorded video streams from your cameras.
- **Notifications:** Configure push notifications and email alerts for motion detection events.

4.2 Smart Motion Detection

The NVR features advanced smart motion detection to reduce false alarms. It can differentiate between motion caused by people or vehicles, sending only the most relevant alerts.

- **Configuration:** Access the NVR's menu via a connected display to configure motion detection zones and sensitivity for each camera.
- **Alerts:** Receive push notifications or email alerts when people or vehicles are detected in configured zones.

4.3 Smart Search

Use the Smart Search feature to quickly review footage by filtering motion events based on area, time/date, and the type of detection (person or vehicle).

- **Access:** Navigate to the playback or search menu on your NVR.
- **Filter:** Apply filters for specific events to efficiently locate relevant recordings.

4.4 Voice Control & Smart Home Compatibility

The NVR is compatible with Amazon Alexa, Google Assistant, Apple TV, and Chromecast, allowing for hands-free control and viewing.

- **Integration:** Follow the instructions provided by your smart home assistant or streaming device to link your Lorex account.
- **Voice Commands:** Use simple voice commands to activate camera features or view live/recorded footage on your smart TV.

5. MAINTENANCE

5.1 Hard Drive Management

The NVR includes a local built-in security-grade 1TB hard drive, expandable up to 10TB. Regular maintenance ensures optimal recording performance.

- **Storage Capacity:** Monitor the remaining storage space through the NVR's system settings.
- **Overwriting:** The NVR is configured to overwrite the oldest footage when the hard drive is full, ensuring continuous recording.
- **Backup:** Regularly back up important footage to an external USB drive or network storage.

5.2 General Care

- Keep the NVR in a well-ventilated area to prevent overheating.
- Clean the exterior of the NVR with a soft, dry cloth. Avoid using harsh chemicals.
- Ensure all cable connections are secure.

6. TROUBLESHOOTING

If you encounter issues with your Lorex NVR, consider the following:

- **No Video Display:** Check HDMI/VGA cable connections and ensure the display is set to the correct input source.
- **No Network Connection:** Verify the Ethernet cable is securely connected to both the NVR and your

router. Check your router's internet connection.

- **No Camera Footage:** Ensure cameras are properly connected to the PoE ports and powered on. Check camera compatibility with the NVR.
- **Motion Detection Issues:** Review motion detection zone settings and sensitivity levels in the NVR menu or Lorex Home app.
- **System Freezing/Unresponsive:** Try rebooting the NVR. If the issue persists, consult the Lorex support website for firmware updates or further assistance.

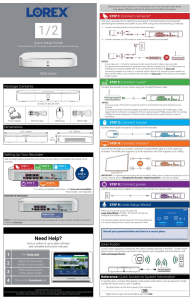
7. SPECIFICATIONS

Feature	Specification
Model Number	N841A81
Video Resolution	Up to 4K (8MP) Ultra HD
Channels	8 IP Channels with built-in PoE ports
Hard Disk Size	1 TB (Preinstalled)
Memory Storage Capacity (Max)	10 TB
Connectivity Technology	Wired
Compatible Devices	Smartphone, Tablet, Television, Smart Home Assistants
Package Dimensions	15.7 x 13.1 x 5.5 inches
Item Weight	6.93 pounds

8. WARRANTY AND SUPPORT



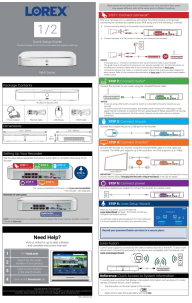
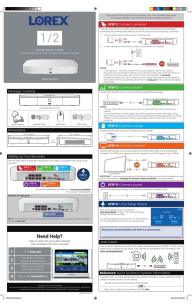

For warranty information, technical support, or to access the latest firmware and documentation, please visit the official Lorex website or contact Lorex customer service. Keep your product's model number and serial number handy when seeking support.

Related Documents - N841A81



[Lorex N842 Series 4K NVR Quick Setup Guide](#)

A comprehensive guide to setting up your Lorex N842 Series 4K Ultra HD NVR, covering physical connections, initial configuration via the setup wizard, and essential operational features like mouse usage, playback, backup, and motion detection settings.

	<p>Lorex N842 Series 4K Ultra HD NVR User Manual</p> <p>This user manual provides comprehensive guidance for the Lorex N842 Series 4K Ultra HD Network Video Recorder (NVR). It details setup, configuration, recording, playback, smart features, and system management 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 NVR and 4K Security Camera Quick Setup Guide</p> <p>Step-by-step guide for setting up Lorex NVR systems and 4K Ultra HD Active Deterrence security cameras, including connection, installation, and basic configuration. Learn how to connect cameras, routers, monitors, and use the setup wizard for initial system settings.</p>
	<p>Lorex N843 Series Quick Setup Guide: Installation and Configuration</p> <p>Comprehensive quick setup guide for the Lorex N843 Series NVR. Learn how to physically install your system, connect cameras, configure network settings, use the setup wizard, and manage recordings. Includes detailed instructions on mouse usage, playback, backup, and advanced features like smart motion detection and active deterrence.</p>
	<p>Lorex N910 Series Quick Start Guide</p> <p>Get started quickly with your Lorex N910 Series NVR. This guide covers unboxing, connecting wired cameras, setting up the recorder, downloading the Lorex Home app, and connecting Wi-Fi cameras. Includes essential information on notifications and product registration.</p>