## Lorex DF162-A2NAE

# Lorex 1080p HD 16-Channel DVR Security System User Manual

Model: DF162-A2NAE
Brand: Lorex

### INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lorex 1080p HD 16-Channel DVR Security System. This system is designed to provide reliable surveillance for your property with high-definition video recording and advanced features.

### PACKAGE CONTENTS

Verify that all components listed below are included in your package. If any items are missing or damaged, please contact Lorex support.

- One (1) 1080p HD 16-Channel Digital Video Recorder (DVR) with pre-installed 2 TB Hard Drive
- Ten (10) 1080p Night Vision Security Cameras (Model LBV2531U)
- Ten (10) 60 ft BNC Extension Cables
- Ten (10) Power Adapters for cameras
- One (1) Power Adapter for DVR
- One (1) USB Mouse
- One (1) HDMI Cable
- One (1) Ethernet Cable
- Mounting Hardware (screws, wall anchors)

*Image 1: Complete Lorex 1080p HD 16-Channel DVR Security System package contents, including the DVR unit and ten bullet-style security cameras.*

## SETUP

Follow these steps to set up your Lorex security system.

### 1. Connect the DVR

1. Connect the included USB mouse to a USB port on the back of the DVR.
2. Connect the DVR to a monitor using the HDMI cable.
3. Connect the DVR to your router using the Ethernet cable for remote viewing and firmware updates (optional, but recommended).
4. Connect the DVR power adapter to the DVR and then to a power outlet. The DVR will power on automatically.



*Image 2: Front view of the Lorex 1080p HD DVR unit, showing the power indicator, status lights, and front USB port.*

### 2. Install and Connect Cameras

1. **Plan Camera Placement:** Identify optimal locations for your cameras, considering coverage area, power access, and cable routing. Ensure cameras are within range of the 60 ft BNC extension cables.
2. **Mount Cameras:** Use the provided mounting hardware to securely attach each camera to a wall or ceiling.
3. **Connect BNC Cables:** Connect one end of a BNC extension cable to the BNC port on the camera and the other end to an available BNC video input port on the back of the DVR.

4. **Connect Power:** Connect each camera's power adapter to the camera's power input and then to a power outlet.



*Image 3: Close-up view of a Lorex 1080p Night Vision Security Camera, highlighting the lens, IR LEDs, and adjustable mounting bracket.*

## 3. Initial DVR Configuration

Upon first power-on, the DVR will guide you through an initial setup wizard. This includes setting the language, time zone, creating a password, and configuring network settings if connected to the internet.

## OPERATING INSTRUCTIONS

### Live View

After setup, the DVR will display a live view of all connected cameras on your monitor. You can switch between single-camera view, multi-camera grids, and sequence modes using the on-screen menu or mouse controls.

### Recording

- **Continuous Recording:** The system is pre-configured for continuous recording.
- **Motion Detection Recording:** Configure specific channels for motion-triggered recording via the DVR menu (*Main Menu > Record > Motion*).
- **Scheduled Recording:** Set up custom recording schedules for each camera (*Main Menu > Record > Schedule*).

### Playback

Access recorded footage by navigating to *Main Menu > Search*. You can search by date, time, and event type (e.g., motion, continuous). Use the playback controls to review footage.

### Remote Viewing (Lorex Home App)

For remote access to your system, download the Lorex Home app on your smartphone or tablet. Follow the in-app instructions to add your DVR by scanning the QR code or manually entering the device ID. This feature requires the DVR to be connected to the internet.

## Voice Control & Smart Home Integration

This system supports voice assistance compatibility with Amazon Alexa or Google Assistant for viewing cameras and activating features. It also offers smart home compatibility with Apple TV or Chromecast for streaming footage to your TV. Refer to the Lorex Home app or Lorex website for detailed instructions on integrating these features.

# MAINTENANCE

## Hard Drive Management

The 2 TB hard drive will automatically overwrite the oldest footage when it becomes full. To manage storage or back up important footage, use the DVR's export function (*Main Menu > Backup*) to a USB flash drive.

## Cleaning

- **Cameras:** Periodically clean camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **DVR:** Keep the DVR free from dust by gently wiping the exterior with a dry cloth. Ensure ventilation openings are not blocked.

## Firmware Updates

Ensure your DVR is connected to the internet to receive automatic firmware updates. Updates provide performance improvements and security enhancements. You can also manually check for updates via *Main Menu > System > Information > Upgrade*.

# TROUBLESHOOTING

## No Video Display

- **Check Power:** Ensure the DVR and monitor are powered on and connected to working outlets.
- **Check Cables:** Verify that the HDMI cable is securely connected between the DVR and monitor.
- **Camera Connection:** For individual cameras, ensure BNC and power cables are securely connected.

## Remote Viewing Not Working

- **Internet Connection:** Confirm the DVR is connected to your router and has an active internet connection.
- **App Configuration:** Ensure the DVR is correctly added to the Lorex Home app.
- **Router Settings:** Check your router's firewall settings; some may block necessary ports.

## Poor Image Quality

- **Clean Lens:** Clean the camera lens for any dirt or smudges.
- **Cable Integrity:** Inspect BNC cables for damage or loose connections.
- **Lighting:** Ensure adequate lighting for optimal day vision. Night vision performance depends on ambient light.

# SPECIFICATIONS

| Feature | Specification |
| --- | --- |

| Feature | Specification |
|---|---|
| **Brand** | Lorex |
| **Model Number** | DF162-A2NAE |
| **Connectivity Technology** | Wired |
| **Video Capture Resolution** | 1080p HD |
| **Special Feature** | Night Vision |
| **Number of Channels** | 16 |
| **Memory Storage Capacity** | 2 TB Hard Drive (pre-installed) |
| **Power Source** | Corded Electric |
| **DVR Dimensions (L x W x H)** | 9.6 x 12.9 x 2.7 inches |
| **Item Weight** | 28.8 pounds (total system) |
| **Video Input** | BNC |
| **Camera Model** | LBV2531U |
| **UPC** | 695529022093 |

## WARRANTY AND SUPPORT
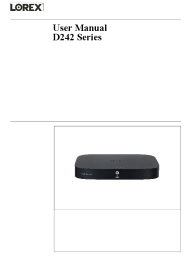
Lorex products typically come with a limited warranty. For specific warranty details, product registration, technical support, or to access the full digital manual, please visit the official Lorex website or contact Lorex customer service. Keep your purchase receipt for warranty claims.
**Lorex Official Website:** www.lorex.com

## Related Documents - DF162-A2NAE



Lorex D241 Series User Manual: Comprehensive Guide to Setup, Features, and Operation
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.

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|---|---|
|  | [Lorex D242 Series User Manual: Setup, Operation, and Troubleshooting](#)<br>This user manual provides comprehensive guidance for the Lorex D242 Series security DVR, covering setup, installation, recording, playback, and advanced features for optimal system performance. |
|  | [Lorex 1080p HD Digital Video Recorder and Bullet Security Camera Overview](#)<br>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. |
|  | [Lorex D441 Series User Manual: Setup, Operation, and Troubleshooting Guide](#)<br>Comprehensive user manual for the Lorex D441 Series 1080p+ HD Security DVR. Covers system setup, camera installation, recording, playback, backup, network configuration, and troubleshooting. |
|  | [Lorex 4K Ultra HD Security Systems: DVRs and Active Deterrence Cameras](#)<br>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. |
|  | [Lorex D861B Series: Remote Access Guide for Mobile Apps](#)<br>Learn how to set up remote access for your Lorex D861B Series security system using the Lorex Home mobile app. This guide covers device ID, mobile setup, and app overview. |