Lorex YN843A82-8AB4-E

Lorex Fusion 4K Security Camera System

MODEL: YN843A82-8AB4-E INSTRUCTION MANUAL

1. Introduction

This manual provides essential instructions for the installation, operation, and maintenance of your Lorex Fusion 4K Security Camera System. This system includes an N843 Series Network Video Recorder (NVR) with a 2TB hard drive and four 4K Smart Active Deterrence cameras, designed to provide comprehensive surveillance for your property.

Key features of your system include:

- **4K Ultra HD Resolution:** For detailed video capture.
- **2TB Local Storage:** Secure recording without monthly fees.
- **8-Channel NVR:** Expandable system supporting up to 8 cameras.
- **PoE Wired Cameras:** Reliable power and video transmission over a single Ethernet cable.
- **Smart Motion Detection Plus:** Advanced detection of people and vehicles.
- **Active Deterrence:** Integrated LED lights and siren to deter intruders.
- **Two-Way Talk Audio:** Communicate directly through the cameras.
- **Color Night Vision:** Enhanced visibility in low-light conditions.
- **Weatherproof Cameras:** Suitable for outdoor installation.
- **Lorex Home App:** Remote viewing and system management.

2. Package Contents

Verify that all items listed below are present in your package:

- Lorex N843 Series NVR with 2TB Hard Drive
- 4 x 4K Smart Active Deterrence Cameras
- NVR Power Adapter
- Ethernet Cables (for cameras and NVR network connection)
- HDMI Cable
- USB Mouse
- Mounting Hardware (screws, anchors)
- Quick Start Guide (refer to this manual for detailed instructions)

Image 2.1: Lorex Fusion 4K Security Camera System components, including the NVR and four 4K cameras.

3. Setup

3.1 NVR Initial Setup

1. **Connect Power:** Plug the NVR power adapter into the NVR and then into a power outlet.
2. **Connect Monitor:** Use the provided HDMI cable to connect the NVR to a monitor or TV.
3. **Connect Mouse:** Plug the USB mouse into an available USB port on the NVR.
4. **Connect to Network:** Connect an Ethernet cable from the NVR's LAN port to your router or network switch. This is required for remote viewing and firmware updates.
5. **Power On:** The NVR should power on automatically. Follow the on-screen prompts for initial setup, including language, time zone, and password creation.

Image 3.1: The Lorex NVR connected to a television, displaying a live camera feed of a delivery person.

3.2 Camera Installation

1. **Choose Location:** Select suitable locations for your cameras, ensuring they cover desired areas and are within reach of Ethernet cabling. Consider mounting height and angle for optimal coverage and deterrence.
2. **Mount Cameras:** Use the provided mounting hardware to securely attach the cameras to a wall or ceiling.
3. **Connect Cameras:** Connect each camera to an available PoE port on the NVR using Ethernet cables. The cameras will receive power and transmit video through these cables.
4. **Adjust Angle:** Adjust the camera's angle to achieve the desired field of view.

3.3 Lorex Home App Setup

1. **Download App:** Download the Lorex Home App from the Apple App Store or Google Play Store.
2. **Create Account:** Open the app and follow the prompts to create a new Lorex account or log in if you have an existing one.
3. **Add Device:** Tap the '+' icon in the app to add your NVR system. Scan the QR code located on the NVR or manually enter the device ID.
4. **Configure Settings:** Follow the in-app instructions to complete the setup, including naming your cameras and configuring notification preferences.

Image 3.2: The Lorex Home App interface shown on several smartphones, demonstrating remote access to camera feeds.

4. Operating Instructions

4.1 Live View and Playback

- **NVR:** Use the connected mouse to navigate the NVR interface. Select 'Live View' to see real-time feeds from all connected cameras. Use the 'Playback' function to review recorded footage by date and time.
- **Lorex Home App:** Open the app to view live feeds from your cameras. Tap on a camera to view its full screen feed. Use the timeline or event list to access recorded videos.

4.2 Smart Motion Detection Plus

This feature distinguishes between human and vehicle motion, reducing false alerts. You can configure detection zones and sensitivity settings via the NVR interface or the Lorex Home App.

- **Configuration:** Access camera settings to define specific areas for motion detection and adjust sensitivity

- **Notifications:** Enable push notifications in the Lorex Home App to receive alerts when motion is detected.
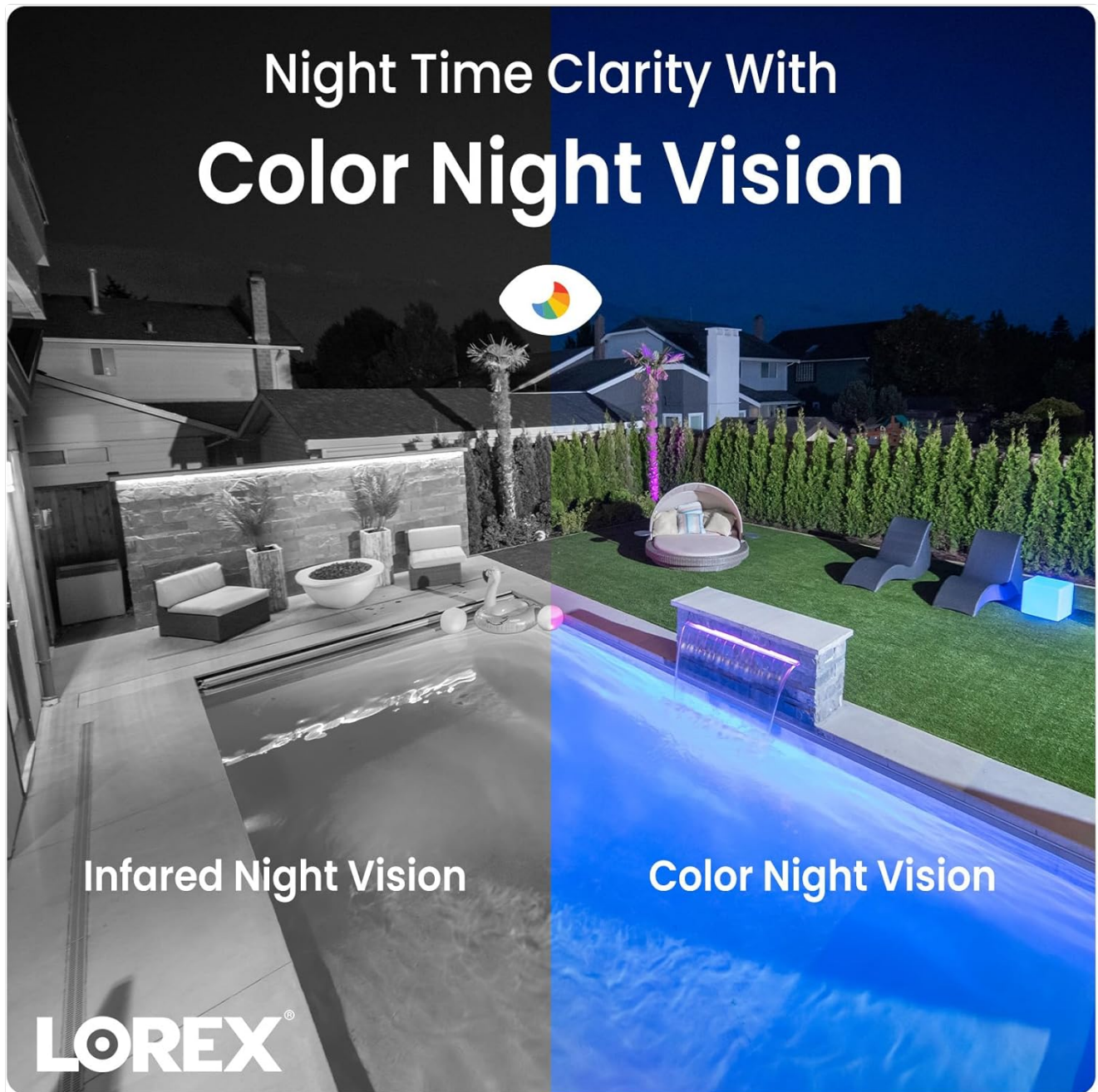

Image 4.1: A smartphone screen showing a Lorex Home App notification indicating smart motion detection.

4.3 Active Deterrence

Your 4K Smart Active Deterrence cameras are equipped with LED lights and a siren to actively deter unwanted visitors. These can be triggered automatically upon detection or manually via the Lorex Home App.

- **Automatic Activation:** Configure rules in the NVR or app to activate deterrence features when specific motion events occur.
- **Manual Activation:** From the live view in the Lorex Home App, you can manually activate the siren or LED lights.

4.4 Two-Way Talk Audio

The built-in microphone and speaker in your cameras allow for two-way communication. This feature is accessible through the Lorex Home App.

- **Using Two-Way Talk:** While viewing a live camera feed in the app, tap the microphone icon to speak and the

speaker icon to listen.

Image 4.2: A delivery person at a door, with a smartphone showing the Lorex Home App's two-way talk function, allowing communication.

4.5 Color Night Vision

Your cameras utilize advanced technology to provide full-color video in low-light conditions, offering more detailed and informative footage compared to traditional black and white infrared night vision.

Image 4.3: A split image illustrating the difference between infrared night vision (left, black and white) and color night vision (right, full color) in a backyard setting.

4.6 Safeguard Technology

Lorex Safeguard technology allows you to define specific areas to monitor for

Related Documents - YN843A82-8AB4-E

	Lorex N910 Series Quick Start Guide 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.

[Lorex N864 Series Fusion 4K Wired NVR System Quick Start Guide](#)

This guide provides quick start instructions for setting up the Lorex N864 Series Fusion 4K 16-channel Wired NVR System. It covers package contents, system overview, wired camera connections, network setup, mouse connection, TV connection, power connection, and app download.

[Lorex E893AB 4K Smart Deterrence IP Camera with Smart Motion Detection Plus](#)

Discover the Lorex E893AB 4K Ultra HD IP camera, featuring Smart Deterrence, Smart Motion Detection Plus, Color Night Vision, and two-way talk for advanced home security. Includes detailed specifications and features.

[Lorex N91 Series 4K Fusion Wired NVR System Quick Start Guide](#)

Begin your setup with the Lorex N91 Series 4K Fusion Wired NVR System Quick Start Guide. This document provides essential steps for connecting your NVR, cameras, and network, along with package contents and app integration details for comprehensive surveillance.

[Lorex 2K Wired Floodlight Security Camera: Installation Guide and Features](#)

Comprehensive guide to the Lorex 2K Wired Floodlight Security Camera, covering package contents, installation steps, features like 2K resolution and Smart Motion Detection, technical specifications, and app setup.

[Lorex N847 Series 4K Fusion NVR Quick Start Guide](#)

Get started quickly with your Lorex N847 Series 4K Fusion NVR. This guide provides essential setup instructions, connection details, and app usage for your surveillance system.