

## Lorex LNR1141TC4

# Lorex LNR1141TC4 4-Channel 1TB NVR System with 4 x 1080p HD Cameras User Manual

Model: LNR1141TC4

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lorex LNR1141TC4 4-Channel 1TB Network Video Recorder (NVR) system with four 1080p HD cameras. This system is designed to provide high-definition surveillance for your property, offering real-time recording and remote access capabilities.

Please read this manual thoroughly before setting up and operating your system to ensure proper functionality and to maximize its features.

## 2. PACKAGE CONTENTS

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

- 1 x NVR with Pre-Installed 1TB HDD
- 1 x HDMI Cable
- 1 x Power Adapter for NVR
- 1 x USB Mouse
- 1 x Ethernet Cable
- Quick Start Guides
- 4 x IP Bullet Cameras (1080p HD)
- 4 x Mounting Kits for Cameras
- 4 x 60ft (18m) Cat5e Ethernet Cables

## 3. SYSTEM OVERVIEW

The Lorex LNR1141TC4 system consists of a Network Video Recorder (NVR) and four 1080p HD IP cameras. The NVR manages video recording, storage, and network connectivity, while the cameras capture high-definition video footage.

### 3.1 NVR and Camera Components



**Figure 3.1:** Lorex LNR1141TC4 NVR system with four 1080p HD bullet cameras. This image displays the main components of the surveillance system, including the central NVR unit and the four included bullet-style IP cameras.



**Figure 3.2:** Top view of the Lorex LNR1141TC4 NVR. The NVR unit features a sleek black design with the Lorex logo prominently displayed on the top surface.



**Figure 3.3:** Rear panel of the Lorex LNR1141TC4 NVR. This view shows the various input and output ports, including HDMI, VGA, USB, Ethernet, and the four Power over Ethernet (PoE) ports for camera connections.



**Figure 3.4:** Close-up of a Lorex 1080p HD bullet camera lens. This image highlights the camera's lens, infrared LEDs for night vision, and light sensor.

## 4. SETUP

---

Follow these steps to set up your Lorex LNR1141TC4 NVR system.

### 4.1 Connecting the NVR

1. **Connect a Monitor:** Connect the NVR to a monitor using the supplied HDMI cable or a VGA cable (not included).
2. **Connect the Mouse:** Plug the USB mouse into one of the USB ports on the NVR's rear panel.
3. **Network Connection (Optional but Recommended):** Connect the NVR to your router using the supplied Ethernet cable for remote access and system updates.
4. **Power On:** Connect the NVR power adapter to the NVR and then to a power outlet. The NVR will power on automatically.

### 4.2 Connecting the Cameras

The Lorex LNR1141TC4 NVR features Power over Ethernet (PoE) ports, simplifying camera installation.

1. **Mount Cameras:** Securely mount each camera in your desired location using the provided mounting kits. Ensure the camera's field of view covers the area you wish to monitor.
2. **Connect Ethernet Cables:** Connect one end of the supplied 60ft Cat5e Ethernet cable to the camera's Ethernet port and the other end to one of the PoE ports on the NVR's rear panel. The NVR will automatically detect and power the cameras.
3. **Adjust Camera Angle:** Once connected, adjust each camera's angle to optimize surveillance coverage.

## 5. OPERATION

---

This section covers the basic operation of your Lorex NVR system.

### 5.1 Initial Setup Wizard

Upon first power-up, the NVR will guide you through an initial setup wizard to configure basic settings such as language, date/time, network settings, and password creation. Follow the on-screen prompts.

### 5.2 Recording

- **Continuous Recording:** The NVR is configured for continuous recording by default, utilizing the pre-installed

1TB hard drive.

- **Scheduled Recording:** You can customize recording schedules for each camera through the NVR's menu. This allows you to set specific times for recording.
- **Motion Recording:** Configure motion detection zones and sensitivity to trigger recording only when movement is detected. This helps conserve storage space.
- **High Definition 1080p:** The system records in 1080p resolution at 30/25 frames per second (fps) per channel, ensuring clear and detailed footage.

## 5.3 Playback

Access recorded footage through the NVR's playback menu. You can search by date, time, and event type (e.g., motion detection). The system supports selectable area digital zoom during live view and playback for detailed examination.

## 5.4 Remote Access (FLIR Cloud)

The FLIR Cloud connectivity solution enables remote viewing of your surveillance system.

1. **Download App:** Download the free Lorex FLIR Cloud app on your iOS or Android smartphone or tablet.
2. **Scan QR Code:** Use the app to scan the QR code located on your NVR or in the quick start guide.
3. **Connect:** Follow the app's instructions to connect to your NVR. This allows you to view live feeds, playback recordings, and receive push notifications for motion events and instant email alerts with snapshot attachments from anywhere with an internet connection.

## 6. MAINTENANCE

---

Regular maintenance ensures the longevity and optimal performance of your surveillance system.

- **Cleaning:** Periodically clean the camera lenses with a soft, damp cloth to remove dust and smudges. Ensure the NVR's ventilation openings are clear of obstructions.
- **Hard Drive Health:** The NVR's hard drive is crucial for recording. Monitor its health through the NVR's system settings. Consider backing up important footage regularly.
- **Firmware Updates:** Check the Lorex website for any available firmware updates for your NVR to ensure you have the latest features and security enhancements.

## 7. TROUBLESHOOTING

---

This section addresses common issues you might encounter with your Lorex LNR1141TC4 system.

- **No Video Output on Monitor:**
  - Ensure the HDMI/VGA cable is securely connected to both the NVR and the monitor.
  - Verify the monitor is set to the correct input source.
  - Try a different HDMI/VGA cable or monitor.
- **Cameras Not Displaying:**
  - Check that the Ethernet cables are securely connected to both the cameras and the NVR's PoE ports.
  - Ensure the NVR is powered on.
  - If a camera is still not detected, try connecting it to a different PoE port on the NVR.
  - A power cycle of the NVR (unplug and replug) can sometimes resolve camera detection issues.
- **Remote Access Not Working:**
  - Verify the NVR is connected to your router and has internet access.

- Ensure your smartphone/tablet has a stable internet connection.
- Double-check the QR code scan and account login details in the FLIR Cloud app.

- **Recording Issues:**

- Check the hard drive status in the NVR's system settings.
- Ensure recording schedules are correctly configured.
- Verify that motion detection settings are appropriate if using motion-triggered recording.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	LNR1141TC4
Video Capture Resolution	1080p HD
Number of Channels	4
Memory Storage Capacity	1 TB (Pre-installed HDD)
Connectivity Technology	Wired (Ethernet, PoE for cameras)
Special Feature	Motion Sensor, Remote Access (FLIR Cloud)
Frame Rate	30/25 fps per channel
Recording Mode	Continuous, Scheduled, Motion
Power Source	Corded Electric
NVR Dimensions (L x W x H)	8.1 x 8.1 x 1.8 inches (20.6 x 20.6 x 4.6 cm)
NVR Item Weight	1.1 pounds (0.5 kg)
Compatible Devices	Cameras, Personal Computers, Smartphones, Tablets

## 9. WARRANTY AND SUPPORT







For warranty information and technical support, please refer to the documentation included with your product or visit the official Lorex website. Lorex provides resources and customer service to assist with any questions or issues you may encounter.

**Online Resources:** [www.lorex.com/support](http://www.lorex.com/support)

© 2023 Lorex Corporation. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.

### Related Documents - LNR1141TC4

	<p><a href="#">Lorex N910 Series Quick Start Guide</a></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>
	<p><a href="#">Lorex D861B Series: Remote Access Guide for Mobile Apps</a></p> <p>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.</p>
	<p><a href="#">Lorex N864 Series Fusion 4K Wired NVR System Quick Start Guide</a></p> <p>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.</p>
	<p><a href="#">Lorex N862 Series Remote Access Guide - Mobile Setup and Overview</a></p> <p>Learn how to set up remote access for your Lorex N862 Series security system using the Lorex Home mobile app. This guide covers initial setup, troubleshooting, and an overview of app features.</p>
	<p><a href="#">Lorex N847 Series 4K Fusion NVR Quick Start Guide</a></p> <p>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.</p>
	<p><a href="#">Lorex D241 Series User Manual: Comprehensive Guide to Setup, Features, and Operation</a></p> <p>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.</p>