Lorex LHV10041TC4

Lorex LHV10041TC4 Security Camera System User Manual

Model: LHV10041TC4

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lorex LHV10041TC4 Security Camera System. This system includes a 4-channel 1TB Cloud Connect 720p HD Digital Video Recorder (DVR) and four 720p HD wired bullet cameras. The system is designed to provide high-definition surveillance for both indoor and outdoor environments. Please read this manual thoroughly before setting up and operating your system to ensure proper functionality and to maximize its performance.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- One (1) 4-channel 1TB Cloud Connect 720p HD Digital Video Recorder (DVR)
- Four (4) 720p HD Wired Bullet Cameras
- Power adapters for DVR and cameras
- Video/power cables for cameras
- USB mouse
- Ethernet cable
- Quick Start Guide (this manual serves as a comprehensive guide)

SETUP INSTRUCTIONS

1. DVR Connection

Connect the DVR to a power source, a monitor (via HDMI or VGA), and an internet router using the provided Ethernet cable. Attach the USB mouse for navigation.

Image: Front view of the Lorex LHV10041TC4 HD DVR, showing the Lorex logo, "HD DVR" text, and control buttons on the right side.

Image: Side view of the Lorex LHV10041TC4 HD DVR, highlighting the USB port and power button on the right panel.

2. Camera Installation

Mount the 720p HD bullet cameras in desired indoor or outdoor locations. The cameras feature weatherproof housing. Run the provided video/power cables from each camera to the DVR. Ensure cables are securely connected to the corresponding video input ports on the DVR and power outlets.

Image: Front view of a Lorex 720p HD bullet camera, showing the lens and infrared LEDs for night vision.

Image: Angled view of a Lorex 720p HD bullet camera, showing its white housing, black front, and adjustable mounting bracket.

Cable Management Tip: When running cables, note that the ends are different, with one end connecting to the camera and the other to the DVR. Plan your cable routes carefully, especially through attics or walls. Consider using a fish tape for easier cable pulling.

3. Initial Configuration

Upon first power-up, the DVR will guide you through an initial setup wizard. Follow the on-screen prompts to set the date, time, and create a secure password. Ensure the DVR is connected to the internet for firmware updates and cloud connectivity features.

4. Stratus Cloud Connectivity (Remote Viewing)

The Lorex LHV10041TC4 supports 3-step Stratus Cloud Connectivity for remote viewing on Mac, PC, Android, and iOS smartphones/tablets. Download the official Lorex app for your mobile device or software for your computer. Follow the in-app instructions to connect your DVR to the cloud service. This typically involves scanning a QR code or entering a device ID. For advanced network configurations, such as port forwarding, Lorex provides tools and support resources. Refer to the Lorex support website for detailed guides if you encounter connectivity issues.

OPERATING INSTRUCTIONS

1. Live View

Once the system is set up, you can view live camera feeds on your connected monitor or through the Lorex app/software. Use the USB mouse to navigate the DVR's on-screen interface.

2. Recording

The DVR is equipped with a preinstalled 1TB security hard drive, designed for 100% duty cycle operation. The system is configured to record continuously by default. You can adjust recording schedules, motion detection settings, and video quality through the DVR's menu.

- **Continuous Recording:** Records 24/7 until the hard drive is full, then overwrites the oldest footage.
- **Motion Detection Recording:** Records only when motion is detected in the camera's field of view.

- **Scheduled Recording:** Records during specific times of the day or week.

3. Playback

Access recorded footage through the DVR's playback menu. You can search by date, time, and event type (e.g., motion detection). The system allows for easy review and export of video clips.

4. Email Notifications

Configure the DVR to send email notifications for specific events, such as motion detection or system alerts. These notifications can include JPEG photo attachments of the event.

MAINTENANCE

- **Camera Cleaning:** Periodically clean camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Cable Inspection:** Regularly check all cable connections for wear, damage, or loose fittings, especially for outdoor cameras.
- **Firmware Updates:** Ensure your DVR's firmware is up to date. Firmware updates are delivered to the DVR via the internet and can improve system performance and security. Check the DVR's menu or Lorex support website for update availability.
- **Hard Drive Health:** The 1TB hard drive is designed for continuous use. While durable, it's good practice to periodically check its status through the DVR's system information menu.

TROUBLESHOOTING

No Video Display

- Ensure the DVR is powered on and connected to a monitor via HDMI or VGA.
- Check all camera cable connections to the DVR and power sources.
- Verify the monitor input source is correctly selected.

Remote Viewing Issues

- Confirm the DVR is connected to the internet (check the network status in the DVR menu).
- Ensure the Lorex app/software is updated to the latest version.
- If experiencing issues with external network access, verify that port forwarding is correctly configured on your router. Lorex provides specific tools and guides on their support website for this process.
- Restart your router, DVR, and mobile device/PC.

Poor Image Quality / Night Vision

- Clean camera lenses to remove dirt or smudges.
- Ensure cameras are positioned correctly and not obstructed.
- For night vision, ensure there are no reflective surfaces close to the camera that could cause IR glare. Night vision range can be affected by environmental factors.

DVR Not Responding

- Unplug the DVR from the power source, wait 10 seconds, and plug it back in.
- Ensure the USB mouse is properly connected.

SPECIFICATIONS

Feature	Detail
Model Number	LHV10041TC4
DVR Channels	4 Channels
Video Resolution	720p HD
Hard Drive Capacity	1TB (Preinstalled, 100% Duty Cycle)
Connectivity	Stratus Cloud, Ethernet
Remote Access	Mac, PC, Android, iOS
Camera Type	Wired Bullet Cameras
Camera Weatherproofing	Yes (Polycarbonate housing)
Product Dimensions (DVR)	8.9 x 15.3 x 14.5 inches
Item Weight (System)	10.6 pounds
Manufacturer	Lorex Corporation
First Available	September 11, 2014

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please visit the official Lorex Corporation website or contact their customer service department. Keep your purchase receipt and model number (LHV10041TC4) handy when contacting support.
Official Lorex Website: www.lorex.com