**Setting Up Your Recorder**

See the steps below (expanded instructions to the right) to complete initial setup of your recorder:

**STEP 1:** Connect cameras*

Test your cameras prior to selecting a permanent mounting location by temporarily connecting the cameras and cables to your DVR.

**STEP 2:** Connect mouse

Connect the included mouse to a USB port on the recorder.

**STEP 3:** Connect router*

Connect the recorder to your router using the included Ethernet cable.

**STEP 4:** Connect monitor*

Connect the recorder to a monitor using the included HDMI cable or a VGA cable (not included).

**STEP 5:** Connect power

Use the included power adapter to connect the recorder to a nearby outlet. Turn the recorder on using the power switch on the back panel.

**STEP 6:** Lorex Setup Wizard

When you first power up your recorder, the Lorex Setup Wizard will begin. The Wizard will help you configure core system settings.

You will also create a secure password. For future reference, it is recommended that you record your password below and store in a secure place:

Record your password below and store in a secure place:

**Need Help?**

Visit us online for up-to-date software and complete instruction manuals.

1. Visit lorex.com
2. Search for the model number of your product
3. Click on your product in the search results
4. Click on the Downloads tab

---

**Package Contents**

- 1080p HD Security DVR
- Power Adapter
- Ethernet Cable
- USB Mouse
- HDMI Cable

**Dimensions**

- Width: 12.8” / 324mm
- Height: 9.8” / 249mm
- Depth: 2.4” / 60mm

**Overview of extra ports:**

- Audio In/Out
- RS485

For camera compatibility information, visit lorex.com/compatibility.

* Not included / sold separately.

---

**Ensuring Accurate Person and Vehicle Detection**

The following are important camera installation notes to ensure accurate person and vehicle detection. For full camera mounting instructions, see your camera’s documentation at lorex.com.

- **Angle the camera:**
  - So that objects of interest appear in the bottom ⅓ of the camera image.
  - Choose a location where objects of interest will be no further than 50ft (~15m) from the camera.

- **Point the camera:**
  - Where there is the least amount of obstructions (e.g., tree branches).
  - Where vandals cannot easily reach.

- **Install the camera:**
  - Where there is the least amount of obstructions (e.g., tree branches).
  - Where vandals cannot easily reach.

**Notes:**

- Accuracy of person and vehicle detection will be influenced by multiple factors, such as the object’s distance from the camera, the size of the object, and the height and angle of the camera. Night vision will also impact the accuracy of detection.

**Additional Installation Tips:**

- **For outdoor use, installation in a sheltered location is recommended.**
Quick Access to System Information

Using the Quick Menu

- Right-click anywhere on the live viewing screen to open the Quick Menu.
- While navigating menus: Click to exit menus.

Quick Menu Options

- Open Main Menu
- Search and playback recordings
- Control PTZ Cameras (not included)
- View previous / next channel(s)
- View system information
- Start/stop sequence mode
- Adjust camera color and image settings
- Open Main Menu
- Search and playback recordings
- Control PTZ Cameras (not included)
- View previous / next channel(s)
- View system information
- Start/stop sequence mode
- Adjust camera color and image settings
- Open Main Menu
- Search and playback recordings
- Control PTZ Cameras (not included)
- View previous / next channel(s)
- View system information
- Start/stop sequence mode
- Adjust camera color and image settings

Changing the Recorder’s Output Resolution

The system will automatically match the resolution of the connected monitor the first time you use the recorder.

To change the recorder’s output resolution:

1. From live view, right-click and then click Main Menu. If prompted, log in using the system user name (default: admin) and your new, secure password.
2. Click DISPLAY, then configure the following:
   a. Set Resolution to match the highest resolution supported by your monitor. For example, select 3840x2160 for 4K monitors, or 1920x1080 for 1080p.
   b. Click Apply. The recorder will restart before changes take effect.

Playback

Search through and play video recordings from the hard drive.

To search for and play recordings:

1. From live view, right-click and then click Playback. If prompted, log in using the system user name (default: admin) and your new, secure password.
2. Configure the following:
   a. Use the calendar on the right to select the date to playback.
   b. Check channels you want to play back. Click the icon beside each selected channel to select Mainstream [H] or Substream [S] video quality.
   c. Click inside the video bar to select the playback time. Playback starts immediately at the selected time.
   d. Click to stop. Hover over the current playback. Wait a few seconds for the video bar to show detection events.

To filter for person / vehicle recordings:

PREREQUISITE: You must enable Smart Motion Detection on any and all channels you would like to filter for person / vehicle detection. See section Motion & Advanced Person / Vehicle Detection for details.

1. Click the icon. Check Person / Vehicle to filter available playback events.
2. Click Setup to set an active area for automatic detection.
3. Modify the active area. Cells that have been detected in the active area will turn green.
4. OK to save changes.

Motion & Advanced Person / Vehicle Detection

Set preferences for motion detection. This section includes setup of person/vehicle detection. To configure motion & advanced person / vehicle detection:

1. From live view, right-click and then click Main Menu. If prompted, log in using the system user name (default: admin) and your new, secure password.
2. Click ALARM. Click MOTION on the far-left, then click the Motion Detection tab.
3. Configure the following:
   a. Select the channel you would like to configure.
   b. Click Enable.
   c. Click Setup next to Area to set an active area for motion detection. See Figure 1 below for details.
   d. Click Setup next to Schedule to set the weekly schedule for motion detection. See Figure 2 below for details.

To set off all connected deterrent cameras' warning lights and sirens, press and hold the front panel button for 3 seconds.

Configuration Deterrence Settings

Set preferences for automatic warning light triggering on compatible Lorex deterrence cameras. For a complete list of compatible deterrent cameras, navigate to your recorder series at lorex.com/compatibility.

To configure deterrence settings:

1. In live view, right-click and click Main Menu. If prompted, log in using the system user name (default: admin) and your new, secure password.
2. Click ALARM. Click Motion on the far-left, then click the Motion Detect tab.
3. Configure the following:
   a. Select the channel of a connected deterrent camera.
   b. Click Enable.
   c. Click Setup next to Warning Light to configure preferences.
   d. Click Setup next to Area to set an active area for automatic deterrent. See Figure 4 below for details.
   e. Click Setup next to Schedule to set the weekly schedule for automatic deterrence. See Figure 5 below for details.

WARNING: Please stop using your system.