Quick Setup Guide

Physical setup of the recorder and essential system settings

**1/2**

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### Dimensions

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<td>9.8&quot; / 249mm</td>
<td>9.8&quot; / 249mm</td>
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### Setting Up Your Recorder

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

**STEP 1:** Connect cameras*

- Connect cameras to your DVR. For camera compatibility information, visit lorex.com/compatibility.

**STEP 2:** Connect router*

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

**STEP 3:** Connect mouse

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

**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 your recorder.

- 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

### Ensuring Accurate Person and Vehicle Detection

The following are important camera installation notes to ensure accurate person and vehicle detection:

- 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.
- Install the camera between 8-16ft (2.5-5m) off of the ground.
- Angle the camera between 30~60° down from the level position.
- Secure cabling so that it is not exposed or easily cut.
- Install the camera where vandals cannot easily reach.
- Point the camera where there is the least amount of obstructions (e.g., tree branches).
- Optimal accuracy for objects within 50ft (~15m) and in the bottom ⅔ of the image.

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

*Not included / sold separately.

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Quick Access to System Information

To quickly open a window that displays vital system information such as device ID, model number, firmware version, and IP address:

- Tap the button on the front panel of the recorder.
- Right-click to open the Quick Menu and click Info.

Using the Quick Menu

Using the Mouse

NOTE:

2. Click to open a menu option.
3. While navigating menus, click to exit menus.
4. To stop recording:
5. To filter for person / vehicle recordings:
   - Tap the button on the front panel of the recorder.
   - While navigating menus, click to exit menus.

Changing the Recorder’s Output Resolution

The system will automatically match the resolution of the connected monitor the first time you power on. If you need to switch the monitor, make sure you set the recorder to an output resolution supported by the new monitor before switching.

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 2048×1080 if your monitor is 20” or 1920×1080 for 21”.
   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 (M) 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. Click icon. Check Person and Vehicle to ﬁlter available playback events. Click icon. Set preferences for how the system reacts to motion detection events.
   e. Click Setup next to Area to set an active area for motion detection. See Figure 4 below for details.
   f. Click Smart Motion Detection to enable person / vehicle detection. See Figure 3 below for details.
   g. Click Apply to save changes.

Configuring Deterrence Settings

Set preferences for automatic warning light triggering on compatible Lorex deterrence cameras. For a complete list of compatible deterrence 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 deterrence camera.
   b. Check Enable.
   c. Click Setup next to Warning to conﬁgure preferences.
   d. Click Setup next to Area to set an active area for automatic deterrence. See Figure 5 below for details.
   e. Click Apply to save changes.

Motion & Advanced Person/Vehicle Detection

Set preferences for motion detection. This section includes setup of person/vehicle detection. By default, person/vehicle detection is enabled on channels 1-4.

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 Detect tab.
3. Conﬁgure the following:
   a. Set preferences for how the system reacts to motion detection events.
   b. Click Enable.
   c. Click Setup next to Area to set an active area for motion detection. See Figure 4 below for details.
   d. Click Setup next to Schedule to set the weekly schedule for motion detection. See Figure 5 below for details.
   e. Click Smart Motion Detection to enable person / vehicle detection. See Figure 3 below for details.
   f. Click Apply to save changes.

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

Setup

Warning Light

Figure 1: Motion Detection Area

Figure 2: Motion Schedule

Figure 3: Smart Motion Detection

Figure 4: Deterrence Area

Figure 5: Deterrence Schedule

Display settings for automatic warning light

This means the entire image is enabled for motion detection.

- Click or click and drag to add / remove boxes from the active area. Cells that have been removed from the active area appear green.
- Hover near the top of the image to reveal zoom selection. You can set up to 3 different zones with different sensitivity and threshold values.
- Right-click when finished.

For a complete list of compatible deterrence cameras, navigate to your recorder series at lorex.com/compatibility.

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Once you have completed all steps for initial setup on the front of this guide, please refer to the following sections to learn more about using your system.