LOREX L4248 Series 2K Network Video Recorder (NVR) and Wire-Free Camera System User Guide

**2K Network Video Recorder (NVR) &
Wire-Free Camera System
L4248 Series
Quick Start Guide
lorex.com**

Thank you for your purchase!
How to get started with your
2K NVR & Wire-Free Camera system

Contents

Safety precautions

- Read this guide carefully and keep it for future reference.
- Follow all instructions for safe use and handling of the product.
- Operate the camera within the specified temperature, humidity, and voltage and use manufacturer-approved accessories.
- Do not disassemble the camera.
- Do not point the camera directly at the sun or a source of intense light.
- Periodic cleaning may be required. Use a damp cloth only. Do not use any harsh, chemical-based cleaners.

Disclaimers

- A regulated UL / CSA-approved power supply is required for use with this camera (included).
- The use of a non-regulated, non-conforming power supply can damage this product and void the warranty.
- Not intended for submersion in water. Installation in a sheltered location is recommended.
- Audio recording without consent is illegal in certain jurisdictions. Lorex Corporation assumes no liability for use of its products that does not conform with local laws.
- This camera includes an Auto Mechanical IR Cut Filter. When the camera changes between Day/Night viewing modes, an audible clicking noise may be heard from the camera.
- This clicking is normal and indicates that the camera filter is working. Some channels on the 5GHz Wi-Fi band are restricted in Canada. This means certain Wi-Fi networks may not be available to connect to during setup.
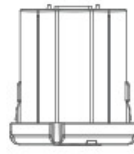
Package Contents

2K NVR
(x1)

2K Wire-Free
Security Camera
(x1)*

Camera
Antenna
(x1)*

Re-chargeable Camera
Battery Pack
(x1)*

Battery Pack
Adapter & Cable
(x1)*

NVR Power
Adapter
(x1)
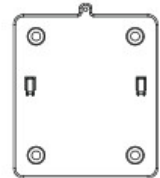
USB Mouse
(x1)

Ethernet Cable
(x1)

HDMI Cable
(x1)

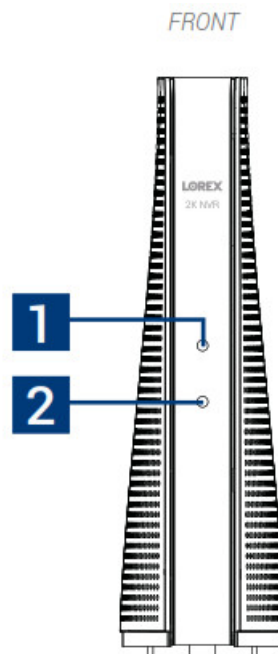Allen key (x1)
Drill bit (x1)
Screwdriver (x1)

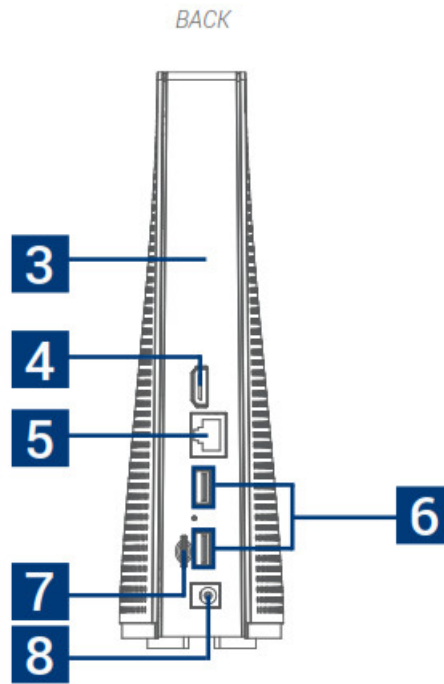Anchors (x4)*
Screws (x4)*
Security Screws (x2)*

Mounting
Bracket
(x1)*

*Dependent on the number of cameras included.

NVR Overview

1. Power status indicator
2. HDD status indicator

3. QR code

4. HDMI port

5. Ethernet port

6. USB port (x2)

7. MicroSD slot (card included for

8. Power port

Status indicator
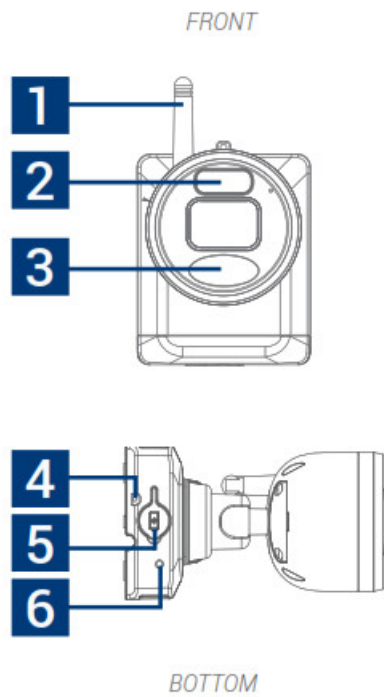
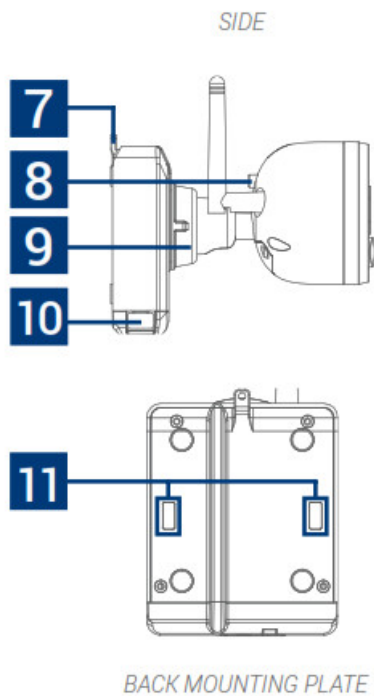| Power status indicator	🔴 (solid)	Operating correctly
HDD status indicator	🔵 (solid)	Hard disk drive installed

Dimensions

- Height: 8.6" (220mm)
- Width: 2.5" (64mm)
- Length: 6.7" (169mm)

Camera Overview

1

2

3

4

5

6

1. Detachable antenna

2. Warning light

3. PIR sensor

4. Locking screw

5. Power port

6. Battery charging indicator

7

8

9

10

11

7. Fastener

8. Pairing button

9. Adjustment button

10. Battery release tabs (x2)
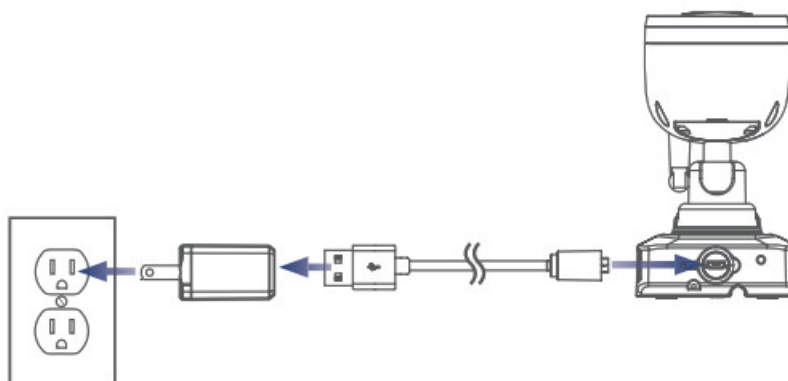
11. Mounting plate slots (x2)

Dimensions

- Height: 4.8" (121mm)
- Width: 5.2" (131mm)
- Length: 2.9" (73mm)

Before You Start

The camera battery comes partially charged (due to safety regulations). Please, fully charge the battery before use and setup. You can charge the battery pack inside or outside of the camera.

To charge the camera battery pack:

1. Remove the protective film on the battery contacts and camera lens.
2. Using the provided battery charging adapter and cable, connect the camera to a nearby outlet.

Camera battery charging indicator

(solid) 🟢	Fully charged
(solid) 🔴	Charging

Battery charging time

2-cell	Approx. 6 hours
3-cell	Approx. 8 hours

Camera Setup

1. Turn the adjustment ring counter-clockwise to loosen and reposition the camera.
2. Screw-in the antenna.
3. Insert the power pack into the bottom of the camera.

Adjustment ring
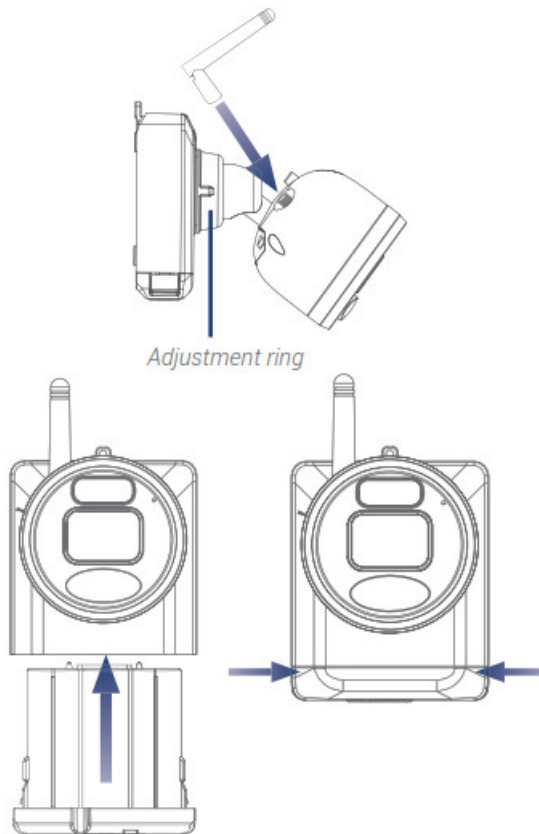
Note: You will hear a 'beep' when the power pack is properly inserted. If you do not hear this alert, remove the power pack by pushing in on the battery release tabs then re-insert.

Recorder Setup

1. Connect the included NVR power adapter to the recorder
2. Connect the recorder to your router using the included Ethernet cable.
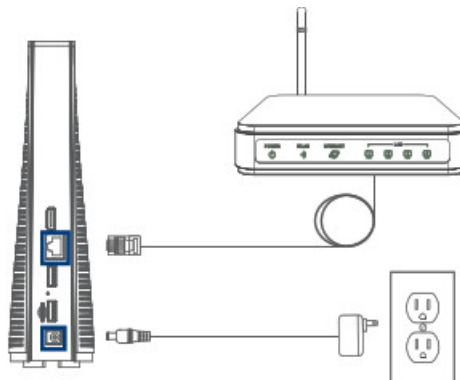
Optional: Full Recorder Setup

1. Connect a monitor using the included HDMI cable.
2. Connect the included USB mouse to one of the USB ports.

App Setup
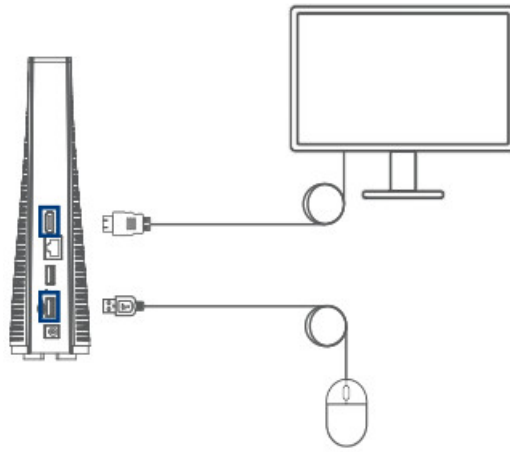
1. Download the Lorex Cirrus app by scanning the QR code.
2. Open the Lorex Cirrus app.
3. Tap to open the menu, then tap Device List.
4. Tap the + icon. Follow the in-app instructions.
5. Enter the following information, then tap Save.
   - Media Port: 35000
   - Password: 00000000
6. A pop-up will display prompting you to change your password, tap OK.
7. Follow the in-app instructions to complete the setup.

Edit Information

IP Address/ID

LWFPJ933AY2U

Media Port

35000

User Name

admin

Password

••••••••••

Save

https://app.lorex.com/cirrus/download

Camera Pairing to the App

1. From the Home screen, select your recorder from the list of devices.

2. Tap any free channel marked with an icon.

3. Tap Pair.

4. Press and hold the pairing button on the back of the camera until the red LED lights stop flashing, then release the pairing button. A 'Pairing success!' message will appear on the screen. If you do not see this message, repeat steps 1-4.
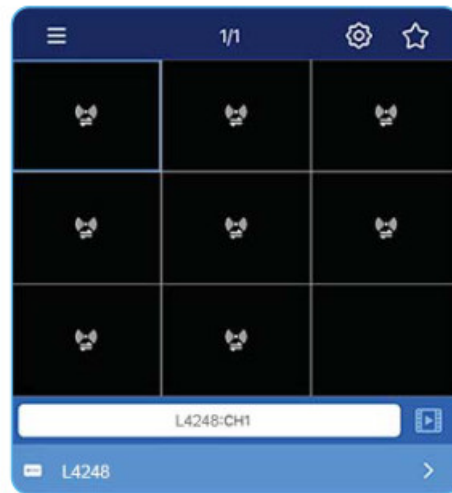
Optional: Pairing on the recorder

Click the icon in an empty channel screen.

After you press and hold the pairing button on the back of your camera, you will have 30 seconds to pair the camera.

App Live View

Device casting
Settings
Favorite group
Name display
Device name
Search/playback video

L4248:CH1[P2P]

L4248

L222A8

snapshot   record   view   audio   talk

Optional: Setup Wizard

When using the recorder's interface, you will have to complete the Recorder Setup once you connect a monitor.
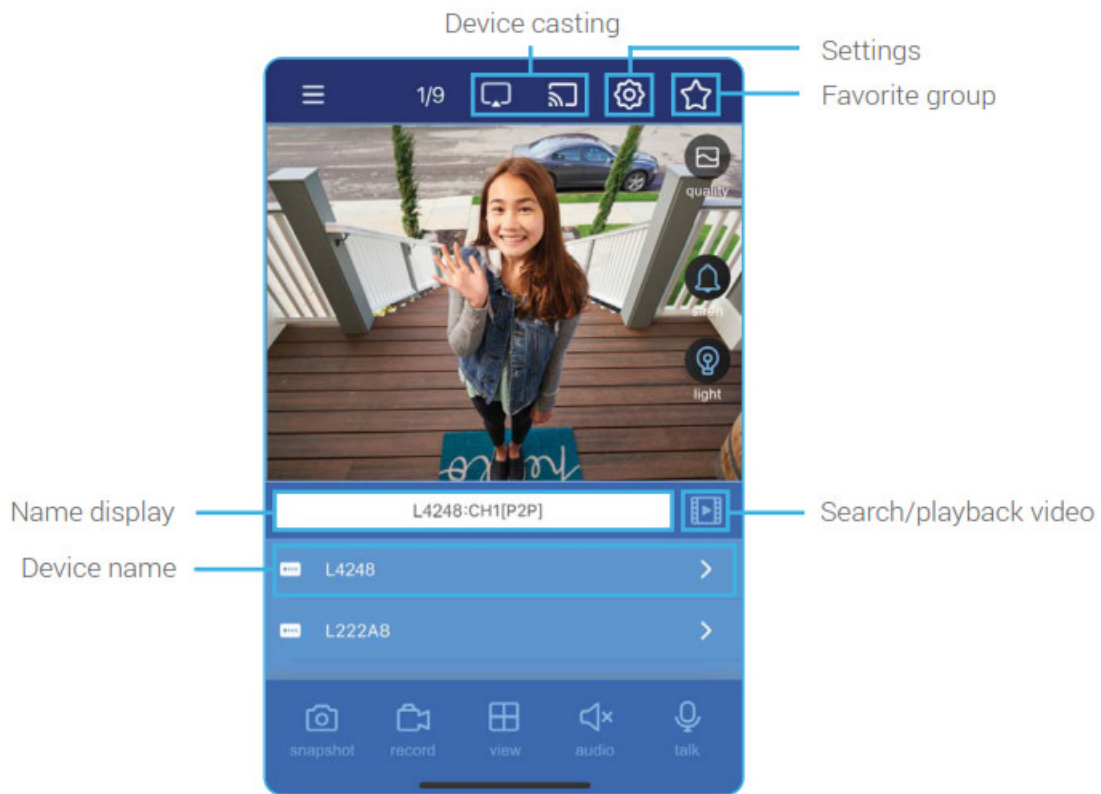Log in using the system user name (default: admin) and the new password you created when setting up the recorder, then complete the on-screen instructions.
For a complete overview of NVR controls available with the Full Recorder Setup, go to **lorex.com/2K-NVRWFCamera**.

Using the mouse

- During split-screen display: Click an individual channel to view in full-screen. Click again to return to the split-screen display mode.
- While navigating menus: Click to open a menu option.
-
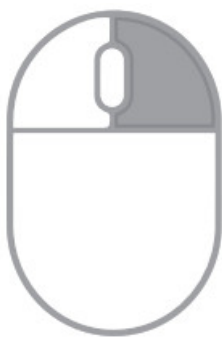
During live view: Click anywhere on the screen to open the Quick Menu.

- While navigating menus: Click to exit menus.

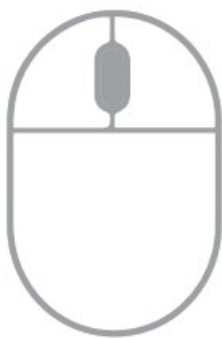- During live view: Scroll to move up/down through the menu content. Hover the mouse cursor over/away from the top of the screen to open/close the Navigation bar.

Install the camera
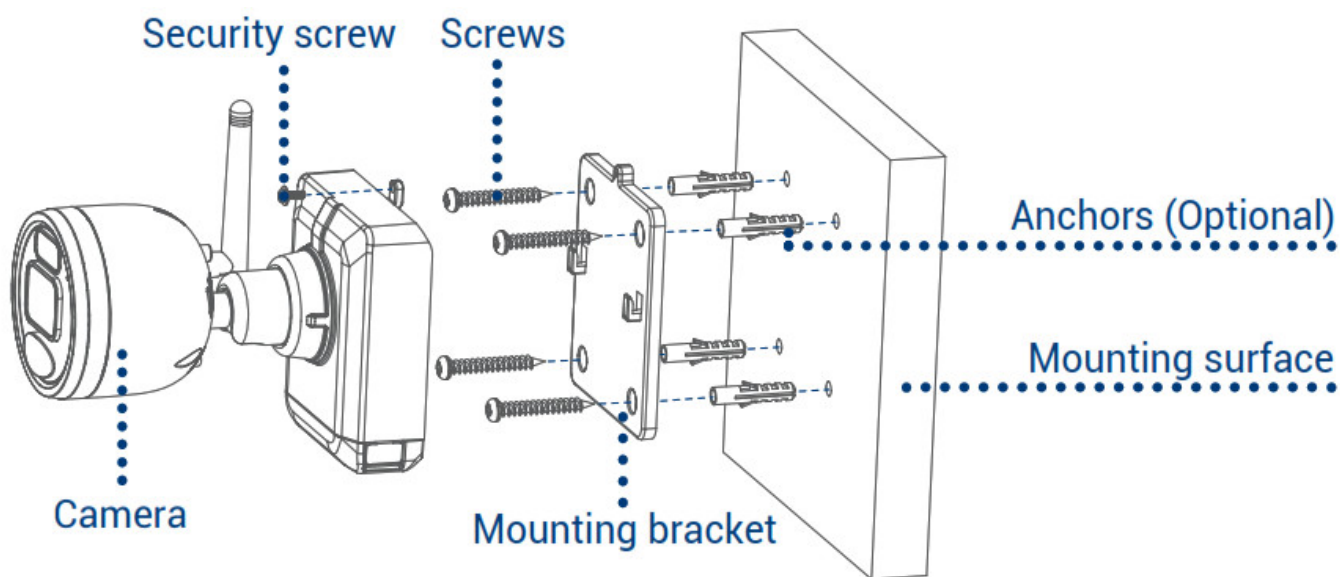
1. Set the mounting bracket in the desired mounting position.
2. Mark holes through the mounting bracket.
3. Using the included drill bit, drill holes were marked.
4. Using the included screwdriver, secure the bracket with the provided mounting screws.

    Optional: If you are mounting the camera into drywall, use the provided drywall anchors.

Pre-installed locking screw
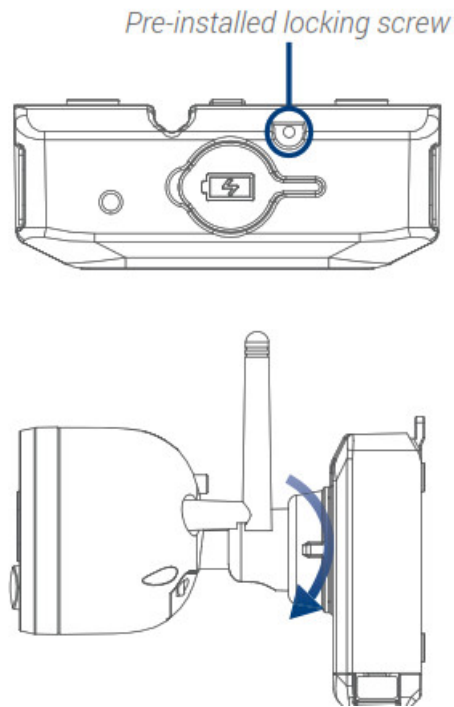
5. Align the camera's mounting plate slots to the tabs in the mounting bracket. Push in and slide down to secure in place.

6. Insert the security screw through the fasteners on the top of the camera and mounting bracket, then tighten with the screwdriver.

7. Tighten the pre-installed locking screw using the screwdriver. Note: To remove the power pack in the future, loosen the locking screw.

8. Adjust the camera to the desired position. Tighten the adjustment ring clockwise.

Need help?

Visit **help.lorex.com**

- Download product guides
- Watch how-to-videos
- Find related troubleshooting tips & FAQs

Register your product
Please see our full Terms of Service and Limited Hardware Warranty Policy visit, **lorex.com/warranty**.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference; (2) this device must accept any interference received, including interference that may cause undesired operation. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.

— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

— Consult the dealer or an experienced radio/TV technician for help.

FCC& IC Radiation Exposure Statement:

This equipment complies with FCC and Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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Documents / Resources

	LOREX L4248 Series 2K Network Video Recorder (NVR) and Wire-Free Camera System [pdf] User Guide L4248-Z, L4248Z, UCZ-L4248-Z, UCZL4248Z, U424AA-Z, U424AAZ, UCZ-U424AA-Z, UCZU424AAZ, L4248 Series 2K Network Video Recorder NVR and, Wire-Free Camera System, Wire-Free Camera System, 2K Network Video Recorder