

Lorex LW2731AC1

Lorex LW2731AC1 Add-on Camera Instruction Manual

Model: LW2731AC1

1. INTRODUCTION

The Lorex LW2731AC1 is an add-on wireless camera designed to expand your existing Lorex 7-Inch LCD Wireless Home Monitoring System. This camera provides additional surveillance capabilities, allowing you to monitor more areas of your home or property. It features day and night viewing, two-way audio communication, and a secure digital wireless signal for reliable performance.

This manual provides essential information for the proper installation, operation, and maintenance of your LW2731AC1 add-on camera.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x Indoor/Outdoor Wireless Camera (LW2731AC1)
- 1 x Power Adapter for Camera

3. PRODUCT FEATURES

The LW2731AC1 camera is equipped with several features to enhance your monitoring experience:

- **VGA (640 x 480) Resolution Sensor:** Provides clear video footage.
- **52-Degree Viewing Angle:** Offers a focused field of view for specific areas.
- **40ft IR Night Vision:** Enables monitoring in low-light or complete darkness, with black and white video.
- **IR Cut Filter:** Ensures accurate color reproduction during daylight conditions.
- **Advanced Day/Night Mode:** Automatically switches between color (day) and black and white (night) modes for optimal clarity.
- **Passive Infrared (PIR) Motion Detection:** Detects movement to trigger recording or alerts.
- **Two-Way Audio:** Built-in microphone and speaker allow for listening and speaking through the camera.
- **Secure Digital Wireless Signal:** Utilizes Frequency Hopping Spread Spectrum (FHSS) technology for private and secure video and audio transmission.
- **Weather-Resistant Design:** Suitable for both indoor and outdoor installation. For outdoor use, install under shelter to protect from direct exposure to rain or snow.



Figure 3.1: Front angled view of the Lorex LW2731AC1 Add-on Camera, showing the lens, IR LEDs, and antenna.



Figure 3.2: Close-up front view of the camera, highlighting the lens, infrared LEDs, and the motion sensor below.

4. SETUP

4.1 Physical Installation

1. **Choose a Location:** Select a suitable location for your camera. Consider the desired viewing area, proximity to a power outlet, and wireless signal strength to your Lorex 7-Inch LCD monitor. For outdoor use, ensure the camera is installed under shelter to protect it from direct weather exposure.
2. **Mount the Camera:** Use the provided mounting hardware to securely attach the camera to a wall or ceiling. Adjust the camera's angle to cover the desired area.
3. **Connect Power:** Plug the camera's power adapter into the camera and then into a standard electrical outlet. The camera requires a local power outlet for operation.



Figure 4.1: Front view of the camera with its adjustable mounting bracket, ready for installation.

4.2 Pairing with Your Monitoring System

To integrate the LW2731AC1 add-on camera with your Lorex 7-Inch LCD monitoring system, follow the pairing instructions provided with your main monitoring system. Typically, this involves:

1. Access the menu on your Lorex 7-Inch LCD monitor.
2. Navigate to the 'Camera Pairing' or 'Add Camera' section.
3. Select an unused channel for the new camera.
4. Follow the on-screen prompts, which usually instruct you to press a 'Pair' or 'Sync' button on the back of the camera within a specified timeframe (e.g., 30 seconds).
5. Once successfully paired, the camera's video feed will appear on the selected channel of your monitor.

Note: Refer to your Lorex 7-Inch LCD monitoring system's manual for specific pairing instructions, as steps may vary slightly by model.

5. OPERATION

Once paired, the LW2731AC1 camera operates in conjunction with your Lorex 7-Inch LCD monitoring system. Refer to your main system's manual for detailed instructions on:

- **Viewing Modes:** How to switch between single camera view, scan mode (automatic switching), and quad split-screen mode (if supported by your monitor).
- **Motion Detection Settings:** Adjusting sensitivity and recording triggers for the camera's passive infrared motion sensor.
- **Two-Way Audio:** Using the talk-back function to communicate through the camera.
- **Recording and Playback:** Managing video recordings stored on your monitoring system's SD card.

The camera's digital wireless signal ensures a private and secure connection, minimizing interference and unauthorized access to your video feed.

6. MAINTENANCE

6.1 Cleaning the Camera

To maintain optimal image quality, periodically clean the camera lens and housing:

- Ensure the camera is powered off before cleaning.
- Use a soft, lint-free cloth to gently wipe the lens. If necessary, dampen the cloth slightly with water or a mild lens cleaning solution.
- Wipe the camera housing with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.

6.2 Environmental Considerations

While the camera is weather-resistant, extreme conditions can affect its performance and lifespan:

- Avoid installing the camera in direct sunlight for prolonged periods, as this can cause overheating.
- Protect the camera from direct exposure to heavy rain, snow, or hail. Install under an overhang or eave when used outdoors.
- Ensure the power adapter is protected from moisture.

7. TROUBLESHOOTING

If you encounter issues with your LW2731AC1 add-on camera, consider the following common solutions:

- **No Video Signal:**

- Ensure the camera is powered on and its power adapter is securely connected to a working outlet.
- Verify the camera is within range of your Lorex 7-Inch LCD monitor. Obstructions like thick walls or multiple floors can reduce wireless range.
- Attempt to re-pair the camera with your monitoring system (refer to Section 4.2).
- Check for sources of interference (e.g., other wireless devices, microwaves) near the camera or monitor.

- **Poor Image Quality:**

- Clean the camera lens (refer to Section 6.1).
- Ensure adequate lighting in the monitored area during the day.
- For night vision, ensure there are no obstructions directly in front of the camera's IR LEDs.

- **Motion Detection Not Working:**

- Check the motion detection settings on your Lorex 7-Inch LCD monitor to ensure it is enabled and sensitivity is appropriately set.
- Ensure the camera's motion sensor is not obstructed.

- **Two-Way Audio Issues:**

- Verify the volume settings on your Lorex 7-Inch LCD monitor.
- Ensure there are no physical obstructions blocking the camera's microphone or speaker.

If problems persist, consult the support section of the Lorex website or contact Lorex customer support for further assistance.

8. SPECIFICATIONS


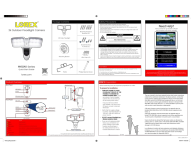

Feature	Specification
Model Number	LW2731AC1
Video Capture Resolution	640 x 480 (VGA)
Field of View	52 Degrees
Night Vision Range	Up to 40ft (12m)
Connectivity Technology	Wireless (FHSS)
Power Source	Corded Electric
Audio	Two-Way Audio (Built-in Mic & Speaker)
Motion Detection	Passive Infrared (PIR)
Indoor/Outdoor Usage	Indoor, Outdoor (Weather-Resistant)
Dimensions (L x W x H)	9.6 x 3.6 x 3.4 inches (24.4 x 9.1 x 8.6 cm)
Item Weight	1.05 pounds (0.48 kg)
Color	Black
International Protection Rating	IP67




9. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, and additional resources, please visit the official Lorex website. You can typically find FAQs, software downloads, and contact information for customer service there.

Website: www.lorex.com

Related Documents - LW2731AC1

	<p>Lorex L19WD Series 19" Widescreen LCD Monitor with Integrated DVR Instruction Manual</p> <p>Comprehensive instruction manual for the Lorex L19WD Series 19-inch widescreen LCD monitor featuring an integrated digital video recorder. Covers installation, operation, safety, and remote access for models like L19WD800 and L19WD1600 series.</p>
	<p>Lorex W452AS Series 2K Outdoor Floodlight Camera Quick Start Guide</p> <p>Get started quickly with your Lorex W452AS Series 2K Outdoor Floodlight Camera. This guide provides essential setup instructions, package contents, product overview, and troubleshooting tips for easy installation and operation.</p>
	<p>Lorex U222A Series HD Wire-Free Add-On Camera Quick Start Guide</p> <p>This guide provides essential information for setting up and installing your Lorex U222A Series HD Wire-Free Add-On Camera. Learn about package contents, safety precautions, optimizing motion detection, pairing with the Lorex Cirrus app, and mounting instructions.</p>

	<p>Lorex Aurora Series A14 4K IP Camera Quick Start Guide</p> <p>Quick start guide for Lorex Aurora Series A14 4K IP cameras (models E842CA, E842CAB, E842CD, E842CDB), covering safety precautions, what's included, camera placement, mounting instructions, and connection details.</p>
	<p>Lorex SL300 2K Wi-Fi Smart Lightbulb Camera Quick Start Guide</p> <p>A quick start guide for the Lorex SL300 2K Wi-Fi Smart Lightbulb Camera, covering setup, installation, and connection to the Lorex app. Includes safety information and overview of features.</p>
	<p>Lorex D861B Series: Remote Access Guide for Mobile Apps</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>