

Lorex C883DA

Lorex C883DA 4K Ultra HD Active Deterrence Security Camera User Manual

Model: C883DA

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Lorex C883DA 4K Ultra HD Active Deterrence Security Camera. This camera features 4K resolution, Color Night Vision, and active deterrence capabilities including an LED warning light and remote-triggered siren. Please read this manual thoroughly before installation and operation to ensure proper use and safety.

2. SAFETY INFORMATION

- **Power Supply:** Use only the power adapter specified for this device. Incorrect power sources can cause damage or fire.
- **Installation Environment:** Ensure the camera is installed in a stable location. Avoid placing it near heat sources, strong magnetic fields, or in areas with excessive vibration.
- **Water and Moisture:** Although the camera is IP67 weatherproof, avoid submerging it in water. Ensure all connections are properly sealed during outdoor installation.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified personnel.

3. PRODUCT OVERVIEW

The Lorex C883DA is a bullet-style security camera designed for outdoor surveillance. It integrates advanced imaging and deterrence features.



Image 1: Front view of the Lorex C883DA camera, showcasing its lens, LED light, and integrated housing.

Key Components:

- **4K Image Sensor:** Captures video at 8MP resolution for detailed surveillance.
- **Lens:** Wide 105-degree field of view.
- **Infrared LEDs:** Provides black and white night vision up to 135ft (41m) in low light and 90ft (28m) in total darkness.
- **Warning Light:** Motion-activated LED light for active deterrence.
- **Siren:** Remote-triggered audible alarm for deterrence.
- **Mounting Base:** Adjustable base for wall or ceiling installation.
- **Cable:** Integrated cable for power and video connection to a compatible DVR.

4. SETUP

4.1 Physical Installation

1. **Choose a Location:** Select a suitable outdoor location that provides the desired viewing angle and is within reach of the necessary cabling. Consider areas prone to intrusion or requiring monitoring.
2. **Mounting:**



Image 2: Side view of the Lorex C883DA camera mounted on a wall, showing the adjustable bracket.

- Use the provided mounting screws and anchors to secure the camera's base to a wall or ceiling.
 - Adjust the camera's angle to cover the desired area. Tighten the adjustment screws to fix the position.
3. **Cable Routing:** Route the camera's integrated cable to your compatible Digital Video Recorder (DVR). Ensure cables are protected from environmental damage and tampering.

4.2 Connection to DVR

This camera is compatible with Lorex D841/D841B/D861-Series and LHV5100/5100W-Series DVRs.

1. Connect the camera's BNC connector to an available video input port on your compatible Lorex DVR.
2. Connect the camera's power connector to a compatible power adapter, then plug the adapter into a power outlet.
3. Ensure your DVR is powered on and properly configured. The camera feed should appear on the connected monitor.

5. OPERATING THE CAMERA

5.1 Accessing the Camera

Access live view, recordings, and camera settings through your Lorex DVR interface or the Lorex Home mobile application. Refer to your DVR's manual for detailed instructions on accessing camera feeds.

5.2 4K Resolution and Color Night Vision

- The camera automatically utilizes its 4K (8MP) resolution for clear video capture.
- **Color Night Vision (CNV):** With sufficient ambient light (e.g., streetlights, porch lights), the camera will display full-color video at night. In total darkness, it will switch to black and white infrared night vision.

5.3 Active Deterrence Features



Image 3: Front view of the Lorex C883DA camera, illustrating its active deterrence capabilities with sound wave graphics.

- **Motion-Activated Warning Light:** The integrated LED warning light can be configured to activate when motion is detected. Settings for this feature are available in your DVR or Lorex Home app.
- **Remote-Triggered Siren:** When motion is detected, you will receive a notification on your Lorex Home app. You can then remotely activate the camera's siren to deter intruders.

5.4 Motion Detection Settings

Configure motion detection zones and sensitivity levels through your DVR or the Lorex Home app to minimize false alarms and optimize recording. The camera supports person and vehicle detection for more accurate alerts.

6. MAINTENANCE

- **Lens Cleaning:** Periodically clean the camera lens with a soft, lint-free cloth to ensure clear image quality. Avoid abrasive materials or harsh chemicals.
- **Housing Inspection:** Regularly check the camera housing and mounting bracket for any signs of

damage or loosening.

- **Cable Integrity:** Inspect the video and power cables for wear, cuts, or damage. Ensure all connections remain secure and weatherproof.
- **Firmware Updates:** Check the Lorex website or your Lorex Home app for available firmware updates for your camera and DVR. Keeping firmware updated ensures optimal performance and security.

7. TROUBLESHOOTING

7.1 No Video Output

- **Check Power:** Ensure the camera is receiving power and the power adapter is securely connected to a working outlet.
- **Check Connections:** Verify that the BNC cable is securely connected to both the camera and the DVR's video input.
- **DVR Compatibility:** Confirm your DVR is compatible with 4K Analog HD cameras and specifically with Lorex C883DA.
- **Input Selection:** Ensure the correct video input channel is selected on your DVR.

7.2 Poor Image Quality

- **Clean Lens:** A dirty lens can cause blurry images. Clean the lens as described in the Maintenance section.
- **Cable Length/Quality:** Long or low-quality coaxial cables can degrade video signal. Use recommended cable lengths and types.
- **Lighting Conditions:** Ensure adequate lighting for optimal Color Night Vision. In very low light, the camera will switch to black and white IR mode.

7.3 Active Deterrence Features Not Working

- **Motion Detection:** Verify that motion detection is enabled and configured correctly in your DVR or Lorex Home app.
- **App Notifications:** Ensure notifications are enabled for the Lorex Home app on your mobile device.
- **Power:** Confirm the camera has sufficient power for all functions.

8. SPECIFICATIONS



Image 4: The Lorex C883DA camera highlighting its weatherproof, temperature resistant, and cold resistant features.

Feature	Specification
Model Number	C883DA
Video Resolution	4K (8MP)
Field of View	105 Degrees
Night Vision Range (B&W)	Up to 135ft (41m) in low light, 90ft (28m) in total darkness
Color Night Vision (CNV)	Yes (with ambient light)
Active Deterrence	Motion-activated LED warning light, Remote-triggered siren
Weatherproof Rating	IP67
Operating Temperature	-40°F to 131°F (-40°C to 55°C)
Material	Metal
Connectivity	Wired (BNC)

Feature	Specification
Compatible DVRs	Lorex D841/D841B/D861-Series, LHV5100/5100W-Series
Power Source	Corded Electric
Dimensions (approx.)	20.5 x 10.7 x 9.5 cm
Weight (approx.)	330 g

9. WARRANTY INFORMATION

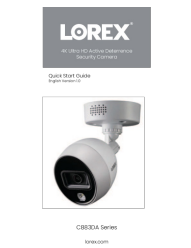


Lorex products are designed for reliability and performance. For specific warranty details regarding your C883DA camera, please refer to the warranty card included with your purchase or visit the official Lorex website. Keep your proof of purchase for warranty claims.



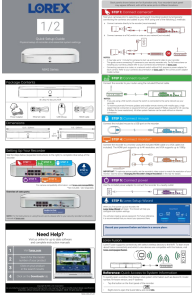
10. SUPPORT

For technical assistance, product information, or troubleshooting not covered in this manual, please contact Lorex Customer Support:

- **Website:** Visit the official Lorex support website for FAQs, downloads, and contact options.
- **Phone:** Refer to your product packaging or the Lorex website for regional support telephone numbers.

Related Documents - C883DA

	<p>Lorex 4K Security Camera & DVR System: Setup and User Guide</p> <p>Get started with your Lorex 4K Ultra HD Active Deterrence Security Camera and D871 Series DVR system. This guide provides comprehensive setup instructions, user manual details, and troubleshooting tips for your Lorex surveillance system.</p>
	<p>Lorex C883DA Series 4K Ultra HD Active Deterrence Security Camera Quick Start Guide</p> <p>Quick start guide for the Lorex C883DA Series 4K Ultra HD Active Deterrence Security Camera, covering package contents, installation, connection, and troubleshooting.</p>
	<p>Lorex E893AB 4K Smart Deterrence IP Camera with Smart Motion Detection Plus</p> <p>Discover the Lorex E893AB 4K Ultra HD IP camera, featuring Smart Deterrence, Smart Motion Detection Plus, Color Night Vision, and two-way talk for advanced home security. Includes detailed specifications and features.</p>

	<p>Lorex 4K Ultra HD Security Systems: DVRs and Active Deterrence Cameras</p> <p>Explore Lorex 4K Ultra HD Digital Video Recorders (DVRs) and Active Deterrence Cameras. Features include advanced motion detection, smart home compatibility, local storage, and superior resolution for comprehensive security.</p>
	<p>Guide de Démarrage Rapide LOREX C581DA : Caméra de Sécurité 5MP Active à Dissuasion</p> <p>Découvrez comment installer et configurer votre caméra de sécurité LOREX C581DA 5MP Active à Dissuasion. Ce guide rapide couvre l'essentiel pour une mise en marche facile, incluant les fonctionnalités de dissuasion.</p>
	<p>Lorex N842 Series 4K NVR Quick Setup Guide</p> <p>A comprehensive guide to setting up your Lorex N842 Series 4K Ultra HD NVR, covering physical connections, initial configuration via the setup wizard, and essential operational features like mouse usage, playback, backup, and motion detection settings.</p>