

## Lorex C581DA

# Lorex C581DA 2K 5MP Super Analog HD Active Deterrence Bullet Camera Instruction Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lorex C581DA 2K 5MP Super Analog HD Active Deterrence Bullet Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This camera is designed for both indoor and outdoor surveillance, offering high-resolution video and advanced deterrence features.



Figure 1: Lorex C581DA Bullet Camera

The Lorex C581DA camera features 5MP Super HD resolution, Color Night Vision, and built-in active deterrence technology. It is compatible with Lorex D841/D841B Series 4K Security DVRs.

## 2. What's Included

The following items are typically included with your Lorex C581DA camera:

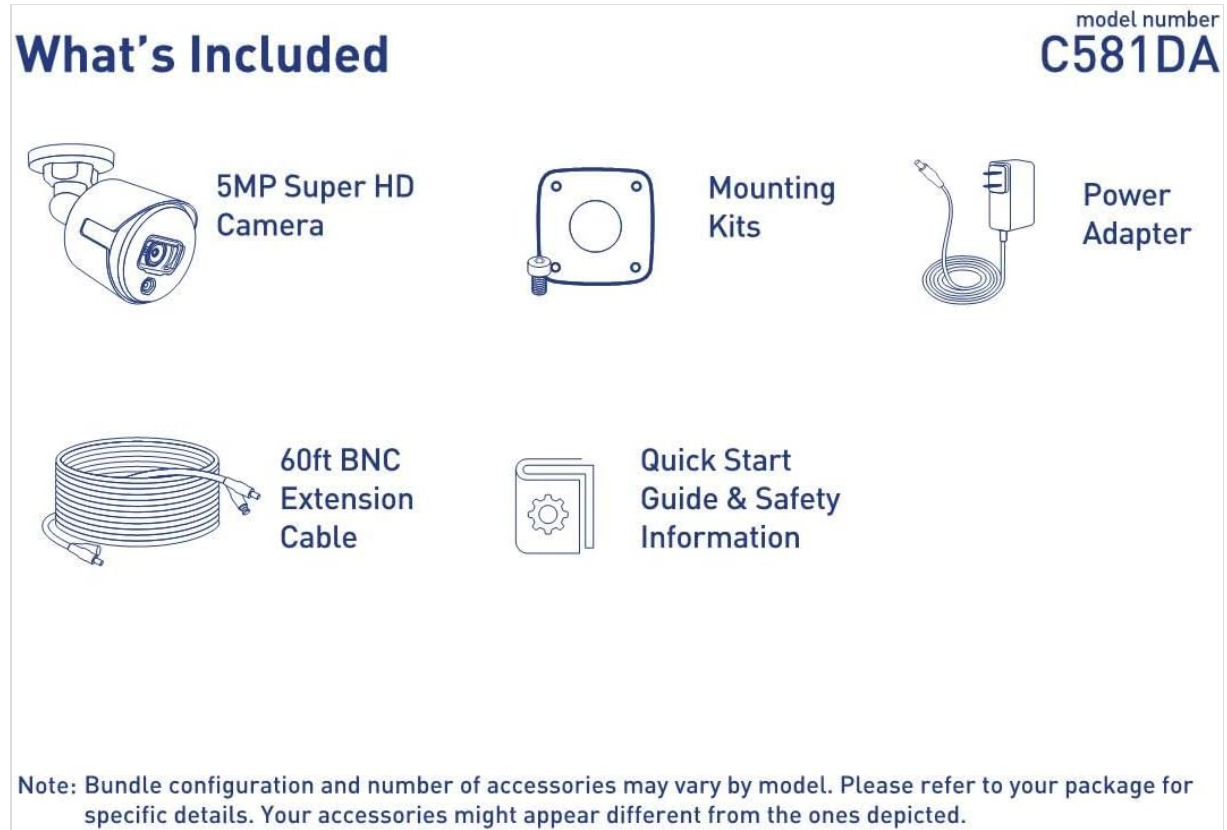


Figure 2: Package Contents for Lorex C581DA

- Lorex C581DA 5MP Super HD Camera
- Mounting Kits (screws and wall plugs)
- Power Adapter
- 60ft BNC Extension Cable
- Quick Start Guide & Safety Information

Note: Bundle configuration and number of accessories may vary by model. Please refer to your package for specific details.

## 3. SPECIFICATIONS

Feature	Specification
Model Number	C581DA
Effective Still Resolution	5 MP (2592 x 1944)
Video Capture Resolution	2K

Lens	2.8mm, 98° Angle
Night Vision	Color Night Vision with ambient lighting, up to 135ft (41m) IR night vision in low light, 90ft (28m) in total darkness
Active Deterrence	Motion-activated LED warning light, remote-activated warning siren
Indoor/Outdoor Usage	Indoor, Outdoor
International Protection Rating	IP67 (Weatherproof)
Connectivity Technology	Wired (Analog HD)
Compatibility	Loxex D841/D841B Series 4K Security DVR, ACJNCD3B Outdoor Junction Box
Color	White

## 4. SETUP INSTRUCTIONS

To set up your Loxex C581DA camera, follow these steps. This camera requires connection to a compatible Loxex DVR system (D841/D841B Series) for operation.

### 4.1. Camera Placement

Choose a suitable location for your camera, considering the desired viewing area and proximity to power and DVR connections. The camera is rated IP67 for outdoor use, making it resistant to dust and water.



Figure 3: Example of outdoor camera installation

### 4.2. Connecting the Camera to Your DVR

The Lorex C581DA is an analog HD camera and connects to your DVR using a BNC cable for video transmission and a power adapter for power. Ensure your DVR is compatible with analog HD cameras.

1. **Connect the BNC Cable:** Connect one end of the provided BNC extension cable to the camera's BNC connector. Connect the other end to an available 'VIDEO IN' port on your Lorex DVR.
2. **Connect Power:** Connect the camera to the power adapter, then plug the power adapter into a power outlet.
3. **Connect DVR:** Ensure your DVR is connected to a monitor via HDMI or VGA, and to your network via an Ethernet cable for remote access features. Connect a mouse to the DVR for navigation.
4. **Power On:** Power on your DVR system. The camera feed should appear on your monitor once the DVR initializes.

For a visual guide on connecting an analog camera to a DVR system, please refer to the video below:

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Video 1: Guide on connecting an analog security camera to a surveillance system. This video demonstrates the steps for wiring and powering an analog camera and connecting it to a DVR.

## 5. OPERATING INSTRUCTIONS

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Once your Lorex C581DA camera is successfully connected to your compatible Lorex DVR, you can utilize its various features for enhanced security.

### 5.1. High-Resolution Monitoring

The camera provides 5MP Super HD resolution (2592 x 1944), offering clear and detailed video footage. This allows for greater digital zoom capabilities to identify specific details within the recorded area.

### 5.2. Night Vision Capabilities

The C581DA features advanced night vision:

- **Color Night Vision:** In environments with ambient lighting, the camera can produce full-color video at night.
- **IR Night Vision:** In total darkness, the camera utilizes infrared (IR) LEDs to provide black and white video up to 90ft (28m), and up to 135ft (41m) in low light conditions.



Figure 4: Camera operating with active deterrence light at night

### 5.3. Active Deterrence

The camera includes active deterrence features to ward off potential intruders:

- **Motion-Activated LED Warning Light:** The built-in LED light can be configured to activate upon motion detection, drawing attention to the area.
- **Remote-Activated Warning Siren:** A siren can be triggered remotely via the Lorex Home App to deter unwanted visitors.

### 5.4. Remote Access and App Features

By connecting your DVR to the internet, you can access your camera's live view and recordings remotely using the Lorex Home App on your smartphone or tablet. The app also allows you to:

- Receive motion detection alerts.
- Customize active deterrence settings.
- Utilize two-way communication (if supported by your DVR and camera setup).

Observe the various features and capabilities of a Lorex security system, including app integration and active deterrence, in the video below:

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Video 2: Overview of a Lorex 4K DVR Security System, demonstrating features like vehicle/person detection, warning lights, and remote app control.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Lorex C581DA camera:

- **Cleaning:** Periodically clean the camera lens with a soft, damp cloth to remove dust, dirt, or water

spots that may affect image quality. Do not use harsh chemicals.

- **Cable Inspection:** Regularly check all cable connections (BNC and power) for any signs of wear, damage, or loose connections. Secure or replace as needed.
- **Firmware Updates:** Ensure your connected Lorex DVR and camera firmware are up to date. Refer to your DVR manual or the Lorex support website for instructions on checking and applying updates.
- **Environmental Checks:** For outdoor installations, ensure the camera's mounting is secure and free from obstructions. Clear any vegetation that might block the camera's view or trigger false motion alerts.

## 7. TROUBLESHOOTING

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If you encounter issues with your Lorex C581DA camera, consider the following troubleshooting steps:

- **No Video Signal:**
  - Verify all BNC cable connections are secure at both the camera and the DVR.
  - Ensure the camera is receiving power. Check the power adapter and outlet.
  - Confirm the camera is connected to a compatible DVR input channel.
  - Test with a different BNC cable or power adapter if available.
- **Poor Image Quality:**
  - Clean the camera lens.
  - Ensure the camera's resolution settings on the DVR are correctly configured for 5MP.
  - Check for any physical obstructions in the camera's field of view.
- **Night Vision Issues:**
  - Ensure the area is sufficiently dark for IR night vision to activate, or has ambient light for Color Night Vision.
  - Check if the IR LEDs are functioning (they may emit a faint red glow).
  - Remove any reflective surfaces close to the camera that might cause glare.
- **Active Deterrence Not Working:**
  - Verify motion detection settings are enabled and configured correctly on your DVR or Lorex Home App.
  - Ensure the camera has power for the LED light and siren.
  - Check app connectivity if attempting remote activation.

## 8. WARRANTY AND SUPPORT

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For specific warranty information regarding your Lorex C581DA camera, please refer to the warranty card included in your product packaging or visit the official Lorex website. Technical support and additional resources, including FAQs and software downloads, are available through the Lorex support portal. You can visit the Lorex Store for more information on their products: [Lorex Store on Amazon](#).

	<p><a href="#">Guide de Démarrage Rapide LOREX C581DA : Caméra de Sécurité 5MP Active à Dissuasion</a></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><a href="#">Lorex C581DA Series 5MP HD Active Deterrence Security Camera Quick Start Guide</a></p> <p>Quick start guide for the Lorex C581DA Series 5MP HD Active Deterrence Security Camera, covering package contents, installation, connection, and troubleshooting.</p>
	<p><a href="#">Lorex 4K Ultra HD Security Systems: DVRs and Active Deterrence Cameras</a></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><a href="#">Lorex E893AB 4K Smart Deterrence IP Camera with Smart Motion Detection Plus</a></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><a href="#">Lorex D241 Series User Manual: Comprehensive Guide to Setup, Features, and Operation</a></p> <p>Explore the Lorex D241 Series 1080p HD Security DVR with this detailed user manual. Learn about installation, recording, playback, motion detection, remote access, and troubleshooting for your security system.</p>
	<p><a href="#">Lorex Halo Series H13 E893AB Quick Start Guide</a></p> <p>This guide provides essential information for setting up and using the Lorex Halo Series H13 E893AB security camera. It covers safety precautions, package contents, overview of the camera's features, installation instructions, and connection options.</p>