

Lorex E842CDB

Lorex Fusion 4K PoE Wired Security Camera E842CDB User Manual

Model: E842CDB

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lorex Fusion 4K PoE Wired Security Camera, model E842CDB. This camera is designed for both indoor and outdoor surveillance, offering high-resolution video and advanced features to enhance your security system.

2. PRODUCT OVERVIEW

The Lorex Fusion 4K PoE Wired Security Camera (E842CDB) is a robust surveillance solution featuring 4K Ultra HD resolution for clear video. It includes Color Night Vision for enhanced visibility in low light and infrared (IR) night vision for complete darkness. The camera is IP67 weatherproof rated, ensuring durability in various environmental conditions. It integrates with compatible Lorex NVRs for a complete security system.



Image: Front view of the Lorex Fusion 4K PoE Wired Security Camera.



Image: Side view of the Lorex Fusion 4K PoE Wired Security Camera, showing its dome form factor.

Key Features:

- **4K Ultra HD Resolution:** Provides clear video with a 105-degree field of view.
- **Color Night Vision:** Delivers full-color video in ambient lighting conditions.
- **Infrared (IR) Night Vision:** Offers clear black and white video up to 130ft in complete darkness.
- **IP67 Weatherproof Rating:** Designed to withstand harsh weather, including rain, snow, and extreme temperatures (-40°F to 131°F).
- **HDR (High Dynamic Range):** Improves video clarity in high-contrast lighting conditions.
- **Smart Motion Detection:** Reduces unnecessary alerts by accurately detecting motion.
- **PoE (Power over Ethernet):** Simplifies installation by providing power and data through a single Ethernet cable.

3. WHAT'S IN THE BOX

Upon opening the package, verify that all components are present:

- Lorex Fusion 4K PoE Wired Security Camera (Model E842CDB)
- Mounting hardware (screws, anchors)
- Ethernet cable (may vary by package)
- Quick Start Guide

4. SETUP AND INSTALLATION

4.1 Before Installation

- Ensure you have a compatible Lorex NVR (LNR600/LNR600X/LNR6100/LNR6100X/N841/N842/N861B/N862B/N881/N843/NR810-series recorders).
- Plan the camera's location, considering the field of view and proximity to your NVR or PoE switch.
- Test the camera's functionality and network connection before permanent mounting.

4.2 Connecting the Camera (PoE)

This camera utilizes Power over Ethernet (PoE), meaning a single Ethernet cable provides both power and video transmission.

1. Connect one end of an Ethernet cable to the camera's Ethernet port.
2. Connect the other end of the Ethernet cable to a PoE port on your compatible Lorex NVR or a PoE switch.
3. Ensure the NVR or PoE switch is powered on. The camera should automatically power up and attempt to connect to the network.

**LOREX[®]**

Reliable Wired Security

A stable wired camera connection
provides reliable 24/7 no-fee local storage

Image: Illustration of Ethernet cables connected to a network switch, representing the wired connection for the security camera.

4.3 Mounting the Camera

The camera supports both ceiling and wall mounting. Choose a location that provides the desired viewing angle and is within reach of your Ethernet cable.

1. **Positioning:** Hold the camera in the desired mounting location to check the field of view on your NVR monitor or Lorex app.
2. **Marking:** Use the mounting template (if provided) or the camera base to mark the screw holes on the mounting surface.
3. **Drilling:** Drill pilot holes for the screws. If mounting on drywall or masonry, insert the provided anchors.
4. **Securing:** Route the Ethernet cable through the mounting surface or cable notch. Secure the camera base to the surface using the provided screws.
5. **Adjusting:** Loosen the adjustment screws on the camera body to position the lens for the optimal viewing angle. Tighten the screws once adjusted.



Image: The Lorex Fusion 4K PoE Wired Security Camera mounted on a wooden ceiling, demonstrating a typical installation.

5. OPERATING INSTRUCTIONS

Once installed and connected to your Lorex NVR, the camera will begin recording according to your NVR's settings. You can access and manage the camera through your NVR interface or the Lorex mobile application.

5.1 Video Monitoring

- **Live View:** Access the live feed from your NVR monitor or the Lorex app.
- **4K Ultra HD:** The camera captures video in 4K resolution, providing detailed images.
- **Digital Zoom:** Utilize the digital zoom feature through your NVR or app to magnify specific areas of the live or recorded footage.

Experience Sharper Video and Superior Digital Zoom Capabilities With 4K Ultra HD



Image: A visual comparison demonstrating the sharper video quality and superior digital zoom capabilities of 4K Ultra HD resolution.

5.2 Night Vision Modes

- **Color Night Vision:** In low-light conditions with ambient light sources, the camera will automatically switch to Color Night Vision, providing full-color images.
- **Infrared (IR) Night Vision:** In complete darkness, the camera's infrared LEDs activate, providing clear black and white video up to 130 feet.

Night Time Clarity With Color Night Vision



Image: A split image showing the difference between traditional infrared night vision (monochrome) and color night vision in a nighttime outdoor environment.

5.3 Motion Detection

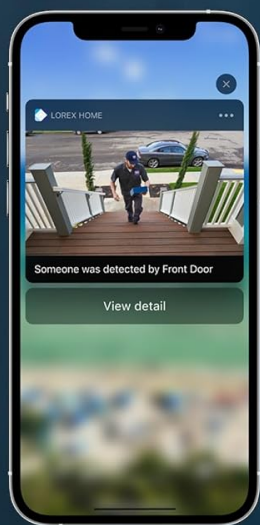
The camera features smart motion detection to alert you to activity. Configure motion detection zones and sensitivity settings through your NVR or the Lorex app to minimize false alarms.

- **Alerts:** Receive notifications on your mobile device when motion is detected (requires app setup).
- **Recording:** Motion-triggered recording can be configured on your NVR to save storage space and quickly review events.

Save Yourself from Unnecessary Alerts

Accurate Notifications with

Smart Motion Detection



LOREX[®]

Image: A person viewing a smartphone displaying a 'Someone was detected by Front Door' notification, illustrating the smart motion detection feature.

5.4 HDR Functionality

High Dynamic Range (HDR) automatically adjusts the camera's exposure to provide balanced video in scenes with both very bright and very dark areas, ensuring details are visible across the entire image.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your security camera.

6.1 Cleaning the Camera

- Periodically clean the camera lens and housing with a soft, damp cloth.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the lens or finish.
- Ensure the camera is powered off before cleaning.

6.2 Weather Resistance

The camera has an IP67 weatherproof rating, indicating it is protected against dust ingress and immersion in

water up to 1 meter for 30 minutes. This rating ensures reliable operation in various outdoor conditions.



ALL SEASON SECURITY

Our highest Weatherproof Rating (IP67)
to ensure year-round coverage
for years to come.

Image: A Lorex security camera mounted on an exterior wall during rainy weather, highlighting its IP67 weatherproof design for year-round outdoor use.

7. TROUBLESHOOTING

If you encounter issues with your Lorex Fusion 4K PoE Wired Security Camera, refer to the following common troubleshooting steps:

- **No Video/Power:**

- Verify the Ethernet cable is securely connected at both the camera and the NVR/PoE switch.
- Ensure the NVR or PoE switch is powered on and functioning correctly.
- Try a different Ethernet cable or PoE port.

- **Poor Video Quality:**

- Clean the camera lens to remove any dirt or smudges.
- Check for obstructions in the camera's field of view.
- Ensure the camera's firmware is up to date (check via NVR or Lorex support).

- **Motion Detection Issues:**

- Adjust motion detection sensitivity and zones in your NVR or Lorex app settings.
- Ensure there are no moving objects (e.g., tree branches) constantly triggering alerts in the detection zone.

- **Network Connectivity Problems:**

- Confirm your NVR has a stable internet connection.
- Restart your NVR and network router.

For further assistance, please refer to the Lorex support website or contact their customer service.

8. SPECIFICATIONS

Detailed technical specifications for the Lorex Fusion 4K PoE Wired Security Camera (Model E842CDB):



Image: Product label showing model number E842CDB-Z, input voltage, power consumption, and serial number.

| Feature | Detail |
|---------|--------|
|---------|--------|




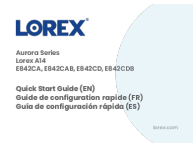

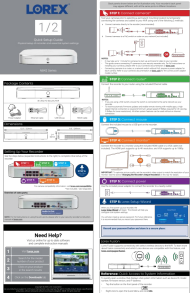
| Feature | Detail |
|---------------------------------|---|
| Model Name | E842CDB |
| Video Capture Resolution | 4K (8 MP Effective Still Resolution) |
| Indoor/Outdoor Usage | Indoor, Outdoor |
| Connectivity Technology | Wired (Ethernet, PoE) |
| Power Source | Corded Electric (PoE 802.3af) |
| Controller Type | App, NVR |
| Mounting Type | Ceiling Mount, Wall Mount |
| Color | Black Dome |
| Form Factor | Dome |
| Item Dimensions (L x W x H) | 11.5 x 6 x 6 inches |
| Item Weight | 1 pound (16 ounces) |
| Alert Type | Motion Only |
| International Protection Rating | IP67 |
| Compatible Devices | Lorex LNR600/LNR600X/LNR6100/LNR6100X/N841/N842/N861B/N862B/N881/N843/NR810-series recorders |
| Manufacturer | Lorex |
| UPC | 695529052168 |

9. WARRANTY AND SUPPORT

Lorex provides support for its products. For detailed warranty information, product registration, and technical assistance, please visit the official Lorex website or contact their customer support team.

- **Online Support:** Visit www.lorex.com/support for FAQs, downloads, and contact options.
- **Product Registration:** Register your product to receive updates and streamline warranty claims.

Related Documents - E842CDB

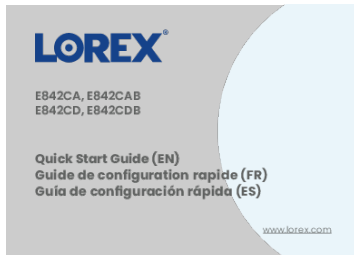
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|  | <p>Lorex E893AB 4K Smart Deterrence IP Camera with Smart Motion Detection Plus</p> <p>Discover the Lorex E893AB 4K Ultra HD IP camera, featuring Smart Deterrence, Smart Motion Detection Plus, Color Night Vision, and two-way talk for advanced home security. Includes detailed specifications and features.</p> |
|  | <p>Lorex 1080p HD Digital Video Recorder and Bullet Security Camera Overview</p> <p>Comprehensive guide to the Lorex 1080p HD Digital Video Recorder and Bullet Security Camera, detailing features, specifications, and setup. Includes information on advanced motion detection, smart home compatibility, and local storage.</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>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 N910 Series Quick Start Guide</p> <p>Get started quickly with your Lorex N910 Series NVR. This guide covers unboxing, connecting wired cameras, setting up the recorder, downloading the Lorex Home app, and connecting Wi-Fi cameras. Includes essential information on notifications and product registration.</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> |

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E842 Series Quick Start Guide EN 2 4 MBLorex Support E842CA E842CAB A14 A 4K IP Wired Bullet Security Camera72141768980help lorex helpdesk attachments 72141768980 MBCamera GuideLorex CameraLorex N4K3 1616WB 1 Fusion 8MP 16 Channel or Wi Fi Dev FactoryPureLorex QSG FR ES R3 web 1754071373999help 72141768980cdn shopify s files 1163 1976 Lorex 1754071373999 v 1754071375 ||| ||| E842CA, E842CAB E842CD, E842CDB Quick Start Guide EN Guide de configuration rapide FR Gua de configuracin rpida ES www.lorex.com Safety Precautions Follow all instructions for safe use and handling of the product. Use the camera within give

E842CA, E842CAB E842CD, **E842CDB** Quick Start Guide EN Guide de configuration rapide FR Gua de configuracin rpida ES www.lorex.com Safety Precautions Follow all instructions for safe use and handling of the product. Use the camera within given temperature, humidity and voltage levels noted i...

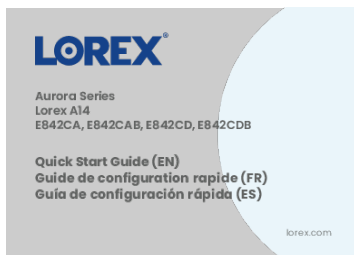
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[Lorex Aurora Series A14 4K IP Camera Quick Start Guide](#)

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.

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393N8CA8E Lorex 4K 16 Camera Capable 2TB NVR System with 8 Cameras CRUTCHFIELD COM HNEWBERRY Lorex® Fusion Wired owner s manual Video surveillance system and eight wired UHD cameras at Crutchfield crutchfieldonline ImageBank v20240501144800 Manuals 393 |||

Aurora Series Lorex A14 E842CA, E842CAB, E842CD, **E842CDB** Quick Start Guide EN Guide de configuration rapide FR Gua de configuracin rpida ES lorex.com Safety Precautions Follow all instructions for safe use and handling of the product.

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Lorex – 4K Intelligent
videoovervågning

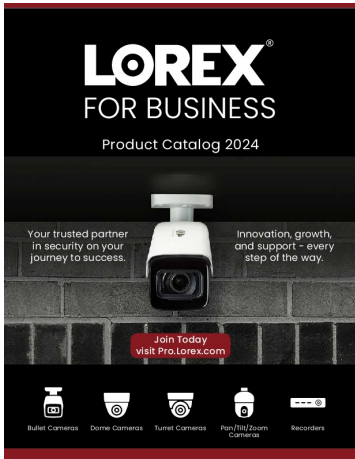


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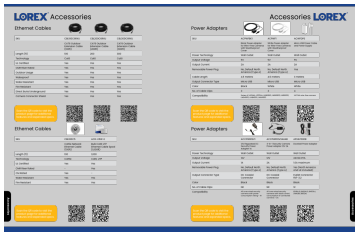
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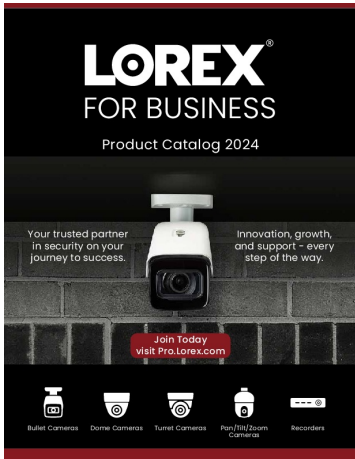
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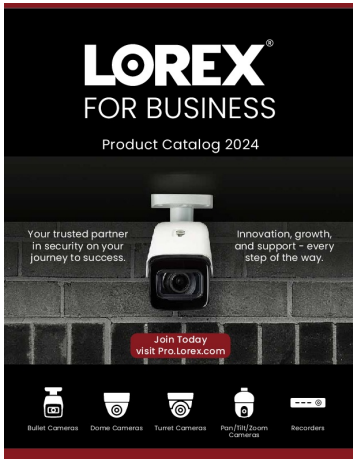
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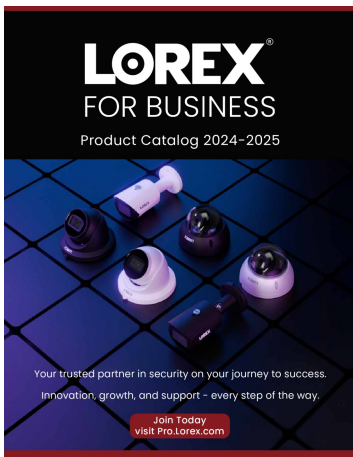


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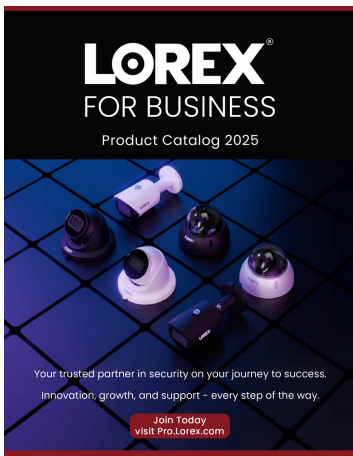


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[Lorex 2025 Business Product Catalog: Security Cameras & Systems](#)

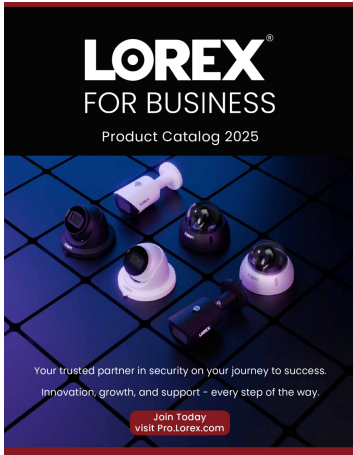
Explore the comprehensive 2025 Lorex for Business Product Catalog, featuring advanced security cameras, NVRs, DVRs, analytics, and accessories for businesses of all sizes. Enhance your security with cutting-edge technology.

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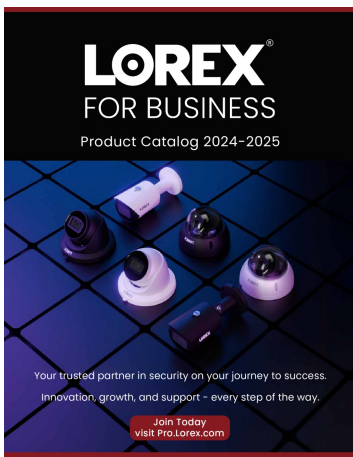
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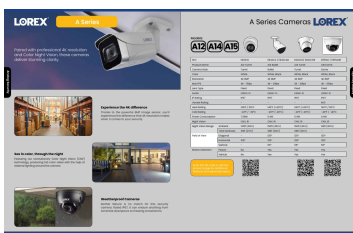
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FCC Supplier's Declaration of Conformity

Importer Name: Lorex Corporation

Importer Address: 9840 Little Patuxent Parkway, Suite 300

Columbia, MD 21044, USA

Equipment:

Product Name: IP CAMERA

Model No.: E842CD, E842CDW, E842CDB, E842CD-Z, LNE45DDW, LNE45CDB

Trade Name: LORLUX

Telephone: 1 888 435 8739


We, Lorex Corporation, declare under our sole responsibility that the above referenced product has been tested in compliance with FCC requirements, for which BUREAU VERITAS issued FCC ID: B21001013 and found compliant with the following standards: FCC Part 15 Subpart B.

Please be advised:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

And (2) this device must accept any interference received, including interference that may cause undesirable operation.

Signature: 

Signed for and on behalf of: Lorex Corporation

Name: Niles Kanagathirai

Position: Senior Director, Technical Services & Quality Assurance

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