

## Lorex E841CAB

# Lorex 4K Metal Bullet Camera Instruction Manual

Model: E841CAB

## 1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Lorex 4K Metal Bullet Camera, Model E841CAB. This camera is designed to enhance your security system with high-resolution video surveillance capabilities for both indoor and outdoor environments.

## 2. PRODUCT OVERVIEW

The Lorex 4K Metal Bullet Camera offers advanced features for reliable surveillance:

- **Ultra HD Clarity:** Captures video in stunning 4K resolution with a wide 105-degree field of view, providing detailed footage.
- **Color Night Vision:** Delivers full-color video in well-lit conditions and automatically transitions to crisp black and white video using powerful infrared LEDs in low-light, extending night vision up to 130 feet.
- **Weatherproof Durability:** Features a rugged IP65-rated metal housing, ensuring resistance to harsh weather conditions, from -22°F (-30°C) to 140°F (60°C).
- **Effortless PoE Installation:** Utilizes Power over Ethernet (PoE) technology, allowing a single Ethernet cable to provide both power and video transmission, simplifying installation up to 300 feet.
- **NVR Compatibility:** Designed to work seamlessly with compatible Lorex NVRs, including N841, N842, N861B, N862B, N881B, LNR600X, LNR6100, LNR6100X, NR900X, N843, N844, N845, N846, N863B, and NR810 series recorders.

## 3. WHAT'S IN THE BOX

Your Lorex 4K Metal Bullet Camera package includes the following components:

- 1 x IP Bullet Camera
- 1 x Ethernet Cable
- 1 x Mounting Kit (screws and anchors)
- 1 x Mounting Template

- 1 x Allen Key

## 4. SETUP

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### 4.1 Installation Location

Choose a suitable location for your camera, considering the desired field of view and proximity to your NVR or PoE switch. The camera is rated for both indoor and outdoor use.

### 4.2 Mounting the Camera

1. Use the provided mounting template to mark the drill holes on your chosen surface.
2. Drill pilot holes and insert the wall anchors if mounting on drywall or masonry.
3. Secure the camera's mounting base to the surface using the provided screws.
4. Adjust the camera's angle to achieve the desired coverage.

### 4.3 PoE Connection

Connect one end of the Ethernet cable to the camera's PoE port and the other end to an available PoE port on your compatible Lorex NVR or a PoE switch. The camera will receive power and transmit video data through this single connection.



# Reliable Wired Security

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

Figure 1: Reliable Wired Security with PoE connection.

## 4.4 NVR Compatibility

Ensure your NVR is one of the compatible models listed in the Product Overview section for seamless integration and functionality.

## 5. OPERATING INSTRUCTIONS

### 5.1 Accessing Live View

Once connected to your NVR, access the live video feed through your NVR's interface or the Lorex Home app on your smartphone or tablet. Refer to your NVR's manual for specific instructions on adding and viewing cameras.

### 5.2 Night Vision Modes

The camera automatically switches between day and night vision modes. In low light, the infrared LEDs activate for black and white night vision. In sufficiently lit conditions, Color Night Vision provides full-color detail.

# Night Time Clarity With Color Night Vision



Figure 2: Comparison of Infrared Night Vision and Color Night Vision.

## 5.3 Motion Detection

The camera is equipped with motion detection capabilities. Configure motion detection zones and sensitivity settings via your NVR or the Lorex Home app to receive alerts for activity in specific areas. This model provides motion-only alerts.

## 5.4 Video Quality

The camera records in 4K Ultra HD, providing superior clarity and digital zoom capabilities. Ensure your NVR is configured to record at the highest resolution supported by the camera.





Figure 3: Experience Sharper Video and Superior Digital Zoom Capabilities With 4K Ultra HD.

## 6. MAINTENANCE

To ensure optimal performance and longevity of your Lorex 4K Metal Bullet Camera, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically clean the camera lens with a soft, damp cloth to remove dust, dirt, or water spots that may obstruct the view. Avoid abrasive cleaners.
- **Cable Inspection:** Inspect the Ethernet cable for any signs of wear, damage, or loose connections, especially in outdoor installations.
- **Firmware Updates:** Check the Lorex website or your NVR's settings for available firmware updates to ensure your camera has the latest features and security enhancements.
- **Weather Protection:** While the camera is weatherproof (IP65 rated), ensure it is installed securely to prevent movement or damage during extreme weather events.



Figure 4: Robust Metal Housing Ensures Weatherproof Durability.

## 7. TROUBLESHOOTING

If you encounter issues with your Lorex 4K Metal Bullet Camera, consider the following:

- **No Video/Power:** Verify that the Ethernet cable is securely connected to both the camera and the NVR/PoE switch. Ensure the NVR/PoE switch is powered on.

- **Poor Video Quality:** Check the camera lens for obstructions or dirt. Ensure the camera is configured for 4K resolution in your NVR settings. Verify network cable integrity.
- **Motion Detection Not Working:** Review motion detection settings in your NVR or Lorex Home app. Adjust sensitivity and detection zones as needed.
- **NVR Compatibility:** Confirm that your NVR model is listed as compatible. Incompatible NVRs may not fully support all camera features or may not detect the camera at all.
- **Network Issues:** If experiencing connectivity problems, restart your NVR and network router. Ensure there are no network conflicts or bandwidth limitations.

## 8. SPECIFICATIONS

Feature	Specification
Model Name	E841CAB
Indoor/Outdoor Usage	Indoor, Outdoor
Compatible Devices	NVR (N841, N842, N861B, N862B, N881B, LNR600X, LNR6100, LNR6100X, NR900X, N843, N844, N845, N846, N863B, NR810 series)
Power Source	Corded Electric (PoE)
Connectivity Protocol	Ethernet
Controller Type	Application
Mounting Type	Ceiling Mount
Video Capture Resolution	4K (8 MP Effective Still Resolution)
Color	Black
Number of Items	1
Included Components	IP Bullet Camera, Ethernet Cable, Mounting Kit, Mounting Template, Allen Key
Wireless Communication Technology	Wi-Fi (for app control, not primary video transmission)
Form Factor	Bullet
Viewing Angle	105 Degrees
Night Vision Range	130 Feet
Frame Rate	15 fps
Material	Metal
Wattage	3.7 watts
Batteries Required?	No

Item Weight	2.77 pounds (1.26 Kilograms)
Low light technology	Night Color
Alert Type	Motion Only
International Protection Rating	IP65
UPC	695529028538

## 9. WARRANTY AND SUPPORT

Your Lorex 4K Metal Bullet Camera is covered by a manufacturer's warranty. For detailed warranty information, product support, or technical assistance, please visit the official Lorex website or contact their customer service. Keep your purchase receipt for warranty claims.