

## Lorex LBV8541XB

# Lorex LBV8541XB 4K Security Camera User Manual

Model: LBV8541XB | Brand: Lorex

## INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Lorex LBV8541XB 4K Security Camera. This add-on bullet camera is designed for both indoor and outdoor surveillance, offering 4K resolution, color night vision, and active deterrence features.

## PACKAGE CONTENTS

- Lorex LBV8541XB 4K HD Bullet Camera
- Mounting Kit (screws and wall anchors)
- 60ft UL Extension Cable
- Power Adapter
- Quick Start Guides

## SETUP AND INSTALLATION

The Lorex LBV8541XB camera is designed for wall mounting and requires a wired connection to a compatible Lorex Digital Video Recorder (DVR) system. Ensure you have a compatible DVR from the LHV5100, LHV5100W, D841, D841B, D861, D862, D862B, or D871 series.

### 1. Mounting the Camera

Select a suitable location for the camera, ensuring it provides the desired field of view and is within reach of the 60ft extension cable. Use the provided mounting kit to securely attach the camera to a wall or other stable surface. The camera's durable housing is IP65-rated, making it suitable for both indoor and outdoor environments, capable of withstanding temperatures from -22°F to 140°F.



*Image: The Lorex LBV8541XB 4K Bullet Security Camera, showing its compact design and mounting bracket. This camera is designed for robust surveillance in various conditions.*



*Image: Icons representing the camera's weather resistance, including protection against rain, extreme heat, and freezing temperatures. The camera is rated IP65 for outdoor use.*

## 2. Connecting the Camera

1. Connect the 60ft UL Extension Cable to the camera's BNC video output.
2. Connect the other end of the extension cable to an available BNC input on your compatible Lorex DVR.
3. Connect the power adapter to the camera's power input and then plug it into a standard electrical outlet.
4. Ensure all connections are secure to prevent signal loss or power interruptions.

## OPERATING THE CAMERA

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Once connected to your Lorex DVR, the camera will begin transmitting video. You can access and control the camera's features through your DVR interface or via the Lorex mobile application on compatible smartphones and tablets.

### Key Features:

- **4K Resolution:** Provides ultra-high-definition video for clear and detailed surveillance.
- **87-Degree Field of View:** Captures a wide area, reducing the need for multiple cameras in certain locations.

- **Color Night Vision:** Utilizes ambient light to provide full-color video in low-light conditions. In complete darkness, infrared LEDs provide crisp black and white video up to 135 feet.
- **Active Deterrence:** Features a motion-activated LED warning light and a remote-triggered siren to deter intruders. The siren can be activated manually via the Lorex app or DVR interface.
- **Motion-Only Alerts:** The camera is configured to trigger alerts based on motion detection, which can be customized through your DVR settings.



*Image: A close-up of the camera's front, highlighting the lens and the integrated LED warning light, which activates upon motion detection.*



Image: The Lorex camera mounted on a brick wall, demonstrating its active deterrence LED light illuminating an area. This feature helps to deter unwanted activity.



Image: A graphic illustrating the camera's 135ft infrared night vision range and its capability for color night vision in low-light conditions.

## MAINTENANCE

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

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth to remove dust, dirt, or water spots that may obstruct the view. Avoid abrasive cleaners.
- **Cable Inspection:** Regularly inspect the video and power cables for any signs of wear, damage, or loose connections. Secure or replace damaged cables promptly.
- **Firmware Updates:** Check the Lorex website or your DVR system for available firmware updates for your camera and DVR to ensure you have the latest features and security enhancements.



## TROUBLESHOOTING

If you encounter issues with your Lorex LBV8541XB camera, refer to the following common troubleshooting steps:

- **No Video Signal:**
  - Ensure the camera is properly powered and the power adapter is functioning.
  - Verify that the BNC cable is securely connected at both the camera and the DVR.
  - Check if the camera is connected to a compatible DVR input.
- **Poor Image Quality:**
  - Clean the camera lens to remove any smudges or dirt.
  - Ensure the camera is focused correctly (if adjustable).
  - Check the cable for damage or interference.
- **Night Vision Issues:**
  - Ensure there are no obstructions blocking the infrared LEDs.
  - Verify that the camera's night vision settings are correctly configured on your DVR.
  - Note that color night vision requires some ambient light; in complete darkness, the camera will switch to black and white infrared mode.
- **Siren Volume is Low:**
  - Confirm that the siren volume settings on your DVR or Lorex app are set to the maximum level.
  - Ensure the camera's speaker is not obstructed.

## SPECIFICATIONS





Model Number	LBV8541XB
Resolution	4K (8 Megapixels)
Field of View	87 degrees
Night Vision Range	Up to 135 feet (IR)
Weather Resistance	IP65 (Indoor/Outdoor)
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Connectivity	Wired (BNC), Wi-Fi for app control
Power Source	Corded Electric (12 Volts)
Dimensions (L x W x H)	5 x 13.1 x 4.2 inches
Weight	2.29 pounds
Material	Metal
UPC	695529017129

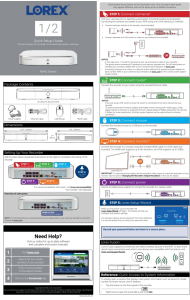
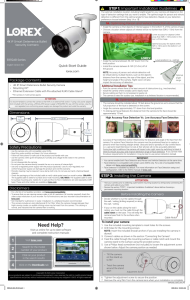
## WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please visit the official Lorex website or contact Lorex customer service. Keep your purchase receipt and model number (LBV8541XB) handy when contacting support.  
Official Lorex Website: [www.lorex.com](http://www.lorex.com)

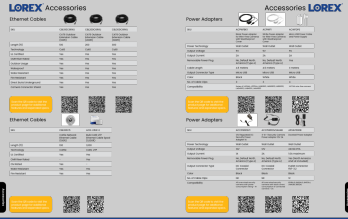
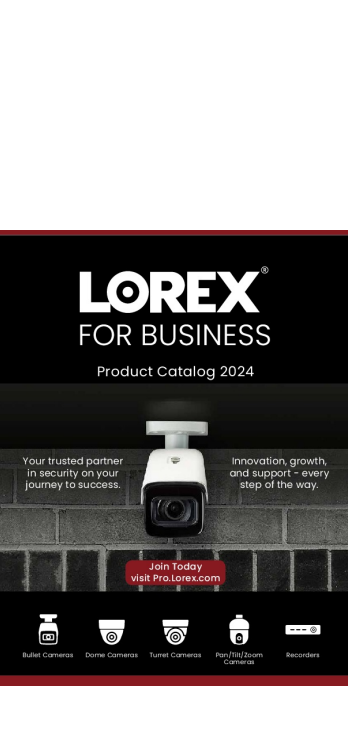
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Related Documents - LBV8541XB

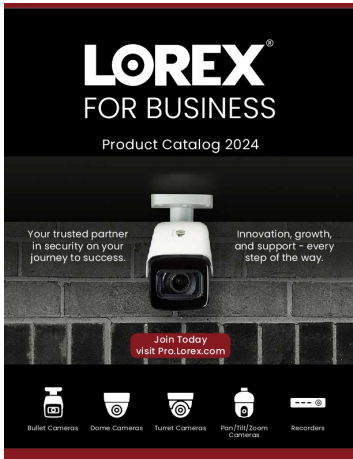
	<p><a href="#">Lorex D241 Series User Manual: Comprehensive Guide to Setup, Features, and Operation</a></p> <p>Explore the Lorex D241 Series 1080p HD Security DVR with this detailed user manual. Learn about installation, recording, playback, motion detection, remote access, and troubleshooting for your security system.</p>
	<p><a href="#">Lorex 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 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 4K Security Camera &amp; DVR System: Setup and User Guide</a></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><a href="#">Lorex N842 Series 4K NVR Quick Setup Guide</a></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>
	<p><a href="#">Lorex E892AB Series 4K IP Smart Deterrence Bullet Camera Quick Start Guide</a></p> <p>Get started with your Lorex E892AB Series 4K IP Smart Deterrence Bullet Security Camera. This guide covers installation, connection, audio settings, deterrence features, and troubleshooting.</p>

Documents - Lorex – LBV8541XB

	<p><a href="#">[pdf] Troubleshooting Guide Specifications Warranty Accessories Catalog</a></p> <p>Lorex For Business Product Catalog 2024 Technology Cloudfront net Get help setting up configuring or troubleshooting your product as well any warranty related inquiries Option 1 English 2 Spanish 3 French Accessories d2zri47w41ywm3 cloudfront business catalog series 20240523    </p>
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