

## Lorex LBV2531

# Lorex LBV2531 1080p Full HD Weatherproof Bullet Security Camera Instruction Manual

## 1. INTRODUCTION

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This manual provides essential instructions for the installation, operation, and maintenance of your Lorex LBV2531 1080p Full HD Weatherproof Bullet Security Camera. Please read this manual thoroughly before installation and retain it for future reference.

The Lorex LBV2531 camera is designed for both indoor and outdoor surveillance, offering 1080p Full HD resolution and infrared night vision capabilities. This camera is an analog bullet security camera and requires connection to a compatible Digital Video Recorder (DVR) system for full functionality.

**Compatibility Note: This camera is new technology and will not work with older model DVRs. It is compatible with Lorex MPX Series DVRs (LHV2000-Series and new DV700-Series only) and Q-See QC Series 1080P HD series DVRs.**

## 2. PACKAGE CONTENTS

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Verify that all components are present in your package. Typical contents for a single camera unit include:

- Lorex LBV2531 1080p Full HD Bullet Security Camera
- Mounting Kit (screws, wall anchors)
- Power Adapter (may be sold separately or included with DVR kit)
- Video/Power Cable (may be sold separately or included with DVR kit)

## 3. SETUP AND INSTALLATION

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### 3.1 Planning Your Installation

Before mounting, plan the camera's location. Consider the desired viewing area, proximity to a power source, and the path for the video/power cable to your DVR. Ensure the camera is positioned to avoid direct sunlight or strong light sources that could cause glare.

### 3.2 Mounting the Camera

1. **Positioning:** Hold the camera in the desired mounting location and mark the screw holes.

2. **Drilling:** Drill pilot holes for the mounting screws. If mounting on drywall or masonry, insert the provided wall anchors.
3. **Securing:** Secure the camera base to the surface using the provided screws.
4. **Adjusting Angle:** Loosen the adjustment screws on the camera body to position the camera for the optimal viewing angle. Tighten the screws once adjusted.

### 3.3 Connecting the Camera

The Lorex LBV2531 camera uses a BNC connector for video and a DC power connector. You will need a combined video/power cable (typically BNC to BNC for video and DC plug to DC jack for power) to connect the camera to your DVR and power source.



Figure 1: Lorex LBV2531 Bullet Security Camera. This image shows the main camera unit, illustrating its bullet form factor and general design.



Figure 2: Example of a 60-foot BNC and Power Cable. This cable type is used to transmit video signals and provide power to the camera, connecting it to the DVR and power adapter.

1. **Video Connection:** Connect the BNC connector from the camera to an available BNC video input port on your compatible Lorex or Q-See DVR.
2. **Power Connection:** Connect the power connector from the camera to the power adapter. Plug the power adapter into a standard electrical outlet.



Figure 3: Example of an AC Adapter for a Security Camera. This adapter converts AC power from a wall outlet to the DC power required by the camera.

Once connected, power on your DVR system. The camera feed should appear on your monitor.

#### 4. OPERATING THE CAMERA

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The Lorex LBV2531 camera functions as part of a surveillance system managed by a compatible DVR. Camera operation, such as live viewing, recording, playback, and motion detection settings, are controlled through the DVR interface.

- **Live View:** Access the live feed from your camera through your DVR's monitor output or via a connected mobile application (if supported by your DVR).
- **Recording:** Configure recording schedules and modes (continuous, motion-activated) through your DVR settings. The camera supports 1080p video capture resolution.
- **Night Vision:** The camera features IR night vision and 'Night Color' low light technology, automatically

activating in low-light conditions to provide clear images.

- **Motion Detection:** The camera supports motion-only alert types. Set up motion detection zones and sensitivity via your DVR to trigger recordings or alerts.

Refer to your specific Lorex or Q-See DVR's instruction manual for detailed information on configuring recording, alerts, and remote viewing features.

## 5. MAINTENANCE

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

- **Cleaning the Lens:** Gently wipe the camera lens with a soft, clean, lint-free cloth. For stubborn dirt, use a mild lens cleaning solution. Avoid abrasive cleaners.
- **Checking Connections:** Periodically inspect all cable connections for corrosion, damage, or loose fittings, especially for outdoor installations.
- **Weatherproofing:** The camera has an IP66 international protection rating, indicating it is protected against dust and powerful water jets. Ensure all cable connections are properly sealed and protected from direct exposure to harsh weather elements to maintain this rating.
- **Firmware Updates:** Check the Lorex website periodically for any firmware updates for your camera or compatible DVR, as these can improve performance and add features.

## 6. TROUBLESHOOTING

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If you encounter issues with your Lorex LBV2531 camera, refer to the following common troubleshooting steps:

- **No Image on Screen:**
  - Ensure the camera is properly powered. Check the power adapter and outlet.
  - Verify the BNC video cable is securely connected to both the camera and the DVR.
  - Confirm the camera is connected to a compatible DVR input channel.
  - Try connecting the camera to a different DVR channel or a different compatible DVR to isolate the issue.
- **Poor Image Quality:**
  - Clean the camera lens for any dirt or smudges.
  - Check cable connections for any damage or loose fittings that might cause signal degradation.
  - Ensure the camera is not pointing directly into strong light sources.
  - Verify your DVR's display settings are configured for 1080p resolution.
- **Night Vision Not Working:**
  - Ensure there are no obstructions blocking the camera's infrared (IR) LEDs.
  - Check if the camera is receiving sufficient power.
  - In some cases, strong ambient light nearby can prevent IR from activating.
- **Motion Detection Issues:**
  - Review the motion detection settings on your DVR, including sensitivity and detection zones.
  - Ensure the camera's view is not obstructed by moving objects like tree branches or shadows that could trigger false alerts.

For more advanced troubleshooting, consult your DVR's user manual or contact Lorex technical support.

## 7. SPECIFICATIONS

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Feature	Specification
Model Number	LBV2531
Video Capture Resolution	1080p Full HD
Form Factor	Bullet
Connectivity Technology	Analog (Wired)
Indoor/Outdoor Usage	Indoor, Outdoor
International Protection Rating	IP66 (Weatherproof)
Low Light Technology	Night Color
Power Source	AC/DC
Alert Type	Motion Only
Material	Polycarbonate (PC)
Product Dimensions (L x W x H)	16.8 x 12.2 x 8.8 inches
Item Weight	4.47 pounds
UPC	697691924984

## 8. WARRANTY AND SUPPORT

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For information regarding your product's warranty, please refer to the warranty card included with your purchase or visit the official Lorex website. Lorex provides technical support for its products.

If you require assistance with installation, troubleshooting, or have questions about your Lorex LBV2531 camera, please contact Lorex Customer Support through their official website or the contact information provided in your product documentation.

**Online Resources:** For additional support, FAQs, and software downloads, visit the Lorex support page:

[www.lorex.com/support](http://www.lorex.com/support)