Lorex LBV2531

Lorex LBV2531 1080p HD Weatherproof Night Vision Security Camera Instruction Manual

Model: LBV2531

1. PRODUCT OVERVIEW

The Lorex LBV2531 is a 1080p HD weatherproof security camera designed for both indoor and outdoor surveillance. It features night vision capabilities and motion detection to help protect your property. This camera is compatible with Lorex DVR systems, specifically the DV900 series and 8 other Lorex DVR series.

Figure 1: Front-side view of the Lorex LBV2531 camera, showcasing its robust design.

2. PACKAGE CONTENTS

Verify that all components are present in your package:

- Lorex LBV2531 1080p HD Security Camera (2 units)
- Mounting Hardware (screws and wall anchors)
- Power Adapter (AC/DC)
- Video/Power Cable

3. SETUP AND INSTALLATION

3.1 Mounting the Camera

The LBV2531 camera is designed for wall mounting. Choose a location that provides the desired field of view (90 degrees) and is within reach of a power source and your DVR system.

1. Position the camera mount against the wall or ceiling at your desired location.
2. Mark the drill holes through the base of the mount.
3. Drill pilot holes and insert wall anchors if mounting into drywall or masonry.

4. Secure the camera mount using the provided screws.

5. Adjust the camera's angle using the ball joint and secure it with the single screw for 360-degree rotation and up to 90-degree tilt.

Figure 2: Side view of the camera, illustrating the adjustable mounting base.

3.2 Connecting the Camera

Connect the camera to your Lorex DVR system and power source.

1. Connect the video cable from the camera to an available video input port on your Lorex DVR.

2. Connect the power cable from the camera to the provided AC/DC power adapter.

3. Plug the power adapter into a standard electrical outlet.

4. Ensure all connections are secure.

Note: This camera is designed to work with Lorex DVR systems. Compatibility with other DVR brands is not guaranteed.

4. OPERATION

4.1 Live Viewing

Once connected and powered, the camera's video feed will be accessible through your Lorex DVR system.

Refer to your DVR's manual for instructions on viewing live feeds.

4.2 Night Vision

The LBV2531 camera is equipped with infrared (IR) LEDs for night vision, allowing it to capture clear video in low-light or no-light conditions. The camera automatically switches between day (color) and night (black and white) modes based on ambient light levels.

Figure 3: Front view of the camera, highlighting the lens and infrared LEDs for night vision.

4.3 Motion Detection

The camera features motion detection capabilities. Configuration for motion detection zones, sensitivity, and recording schedules is typically managed through your connected Lorex DVR system or the associated smartphone application (compatible with Android devices). Refer to your DVR or app manual for detailed setup instructions.

4.4 Remote Access

Remote viewing and control of your camera system are possible via the Lorex smartphone application. Ensure your DVR is connected to the internet and the app is properly configured on your compatible device (e.g., Android smartphone).

5. MAINTENANCE

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

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Cable Inspection:** Check all cables and connections for signs of wear, damage, or corrosion. Ensure they are securely plugged in.
- **Firmware Updates:** Check the Lorex website for any available firmware updates for your camera or DVR system. Keeping firmware updated can improve performance and add new features.
- **Weather Protection:** While the camera has an IP65 rating for weather resistance, avoid directing high-pressure water jets directly at the camera. Ensure any cable connections are properly sealed if exposed to the elements.

6. TROUBLESHOOTING

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

- **No Video Signal:**

  - Ensure the camera is receiving power. Check the power adapter and outlet.
  - Verify the video cable is securely connected to both the camera and the DVR.
  - Confirm the camera is connected to a compatible Lorex DVR.

- **Poor Image Quality:**

  - Clean the camera lens to remove any dirt or smudges.
  - Check cable connections for any damage or loose fittings.
  - Ensure there are no obstructions in the camera's field of view.

- **Night Vision Not Working:**

  - Ensure the camera is powered.
  - Check for any strong light sources directly in front of the camera that might prevent it from switching to night mode.

- **Motion Detection Issues:**

  - Review motion detection settings on your DVR or smartphone app. Adjust sensitivity and detection zones.
  - Ensure there are no physical obstructions blocking the camera's view.

For further assistance, consult your Lorex DVR manual or visit the official Lorex support website.

7. SPECIFICATIONS

Feature	Specification
Model Number	LBV2531
Video Capture Resolution	1080p HD

Field of View	90 Degrees
Night Vision	Yes (Infrared Light Source)
Low Light Technology	Day/Night
Weather Resistance	IP65
Connectivity Protocol	Wi-Fi (for remote control/app)
Power Source	AC/DC
Mounting Type	Wall Mount
Control Method	Remote (via app)
Compatible Devices	Smartphone (Android)
Item Weight	16 ounces (1 pound)
Package Dimensions	14.1 x 10.5 x 8.6 inches

8. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the official Lorex website or the warranty card included with your purchase. For technical support, product registration, or to download the latest manuals and software, visit the Lorex support portal or contact their customer service directly.
Lorex Official Website: www.lorex.com