EVERSECU LBC1

EVERSECU 4K 8MP PTZ Security Camera LBC1 User Manual

Model: LBC1

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EVERSECU 4K 8MP UHD Screw-in PTZ Security Camera, Model LBC1. This camera features 4K 8MP video resolution, 2.4Ghz and 5Ghz Wi-Fi connectivity, 360° pan/tilt/zoom capabilities, auto-tracking, two-way audio, and motion detection for comprehensive surveillance.

2. SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance.
- This camera is designed for E26/E27 light sockets. Ensure the light fixture provides a constant power supply and is not controlled by a motion-activated switch, as this will interrupt camera operation.
- The camera is rated IP65 for outdoor use, providing protection against dust and water jets. However, avoid submerging the camera in water.
- Operating temperature range: -20°C (-4°F) to 60°C (140°F).
- Keep the camera away from strong magnetic fields or corrosive environments.

Image: The EVERSECU PTZ camera is designed for outdoor use with an IP65 rating, indicating resistance to dust and water. It is built to withstand various weather conditions, including cold temperatures down to -20°C (-4°F) and heat up to 60°C (140°F).

3. PACKAGE CONTENTS

- EVERSECU 4K 8MP PTZ Security Camera (LBC1)
- Mounting accessories (if applicable, e.g., surface mounting lamp socket, fixture extension)
- User Manual

4. PRODUCT OVERVIEW

The EVERSECU LBC1 camera integrates a high-resolution camera with pan, tilt, and zoom functions into a light bulb form factor for easy installation. It includes various components for optimal performance.

PRODUCT PARAMETER

Image: This diagram illustrates the key components and dimensions of the EVERSECU PTZ camera. Visible components include the microphone, photoresistance sensor, LED white lights, lens, LED infrared lights, and speaker. The camera measures approximately 8.3 inches (210mm) in height and 3.9 inches (100mm) in diameter at its widest point.

Important Note: This camera is larger than a standard light bulb. Its height is 8.3 inches and its diameter is 3.9 inches. Please verify that your light fixture can accommodate these dimensions before installation.

5. SETUP

5.1 Physical Installation

1. Ensure the power to the light fixture is turned off at the circuit breaker.
2. Carefully screw the EVERSECU LBC1 camera into a standard E26 or E27 light socket. No drilling or additional wiring is required.
3. Ensure the light socket provides continuous power. Do not use with switches that turn off power to the socket, as this will disable the camera.
4. Restore power to the light fixture. The camera will power on and initiate its startup sequence.

Image: A person is shown easily screwing the EVERSECU PTZ camera into a ceiling light fixture, demonstrating the simple installation process that requires no wiring or special tools. The image highlights the E27/E26 universal screw design.

5.2 App Installation and Wi-Fi Connection

1. Download the official O-KAM app from your smartphone's app store (iOS or Android).
2. Register for an account or log in if you already have one.
3. Follow the in-app instructions to add your new camera. This typically involves scanning a QR code on the camera or manually entering its ID.
4. Connect the camera to your Wi-Fi network. The camera supports both 2.4Ghz and 5Ghz Wi-Fi bands. Ensure your smartphone is connected to the same Wi-Fi network during the setup process.
5. Once connected, the camera status indicator will change, and you will be able to view the live feed in the app.

6. OPERATING THE CAMERA

6.1 Live View and Remote Control

- Open the O-KAM app and select your camera to view the live feed.
- Use the on-screen controls to remotely pan (355°), tilt (110°), and digitally zoom (4x) the camera to adjust the viewing angle.

6.2 Video Quality and Night Vision

The camera provides 4K 8MP Ultra HD video resolution. It features 4 IR LEDs and 4 white LEDs for night vision, offering

both black and white (up to 31ft) and full-color night vision (up to 65.6ft).

Image: This image compares the clarity of 4K 8MP video from the EVERSECU camera (top) against 1080P video (bottom). The 4K image shows significantly more detail and sharpness, particularly in facial features and background elements, demonstrating the superior resolution for day and night surveillance.

6.3 Motion Detection and Auto Tracking

- Enable motion detection in the app settings. The camera will detect movement and can be configured to send real-time alerts to your smartphone.
- The auto-tracking feature allows the camera to follow detected motion, ensuring the subject remains in view.
- Voice alerts can be configured to deter intruders.

6.4 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication through the O-KAM app. This allows you to speak to visitors or deter unwanted individuals.

6.5 Recording and Storage

The camera supports two storage options:

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot for local storage of recordings.
- **Cloud Storage:** The camera offers cloud storage options, typically with a free trial period. Refer to the O-KAM app for details on available plans.

Image: This image displays the EVERSECU PTZ camera highlighting its 24/7 recording capabilities and storage options. It shows the camera with a Micro SD card slot and indicates support for both AWS Cloud Storage (optional, with a 7-day trial) and a Max 128GB TF Card (not included).

6.6 ONVIF/RTSP Integration

The EVERSECU LBC1 camera is ONVIF conformant, allowing integration with most third-party software and Network Video Recorders (NVRs).

1. In the O-KAM app, navigate to settings and set a password to enable the ONVIF feature.
2. The RTSP address format is: `rtsp://[username]:[password]@[ip]:10554/tcp/av0_0` . The default username is `admin` .
3. Refer to your NVR's manual for instructions on adding an ONVIF-compatible IP camera.

Image: This image shows the EVERSECU PTZ camera wirelessly connected to a router, which in turn is connected to an NVR (Network Video Recorder) and a monitor. This setup demonstrates how the camera can work with ONVIF conformant NVRs for 24/7 reliable recording, supporting both RTSP and ONVIF protocols.

Your browser does not support the video tag.

Video: This video demonstrates the process of adding EVERSECU cameras to an NVR system, highlighting the steps for integration using ONVIF protocols for continuous recording and surveillance management.

7. MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Regularly check the O-KAM app for available firmware updates to ensure optimal performance and security.
- **Power Cycle:** If the camera experiences issues, try power cycling it by turning off the power to the light fixture for a few seconds, then turning it back on.

8. TROUBLESHOOTING

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is stable and within range. Verify that you are entering the correct Wi-Fi password. Try restarting your router and the camera.
- **Poor video quality:** Check your Wi-Fi signal strength in the app. Ensure the lens is clean and free from obstructions.

- **Motion detection not working:** Verify that motion detection is enabled in the app settings. Adjust sensitivity levels if necessary. Ensure the camera's view is not obstructed.
- **Camera not tracking:** Confirm auto-tracking is enabled in the app. Ensure there are no obstructions preventing camera movement.
- **App issues or unresponsive controls:** Close and reopen the app. Ensure the app is updated to the latest version. Restart your smartphone.
- **Camera turning off unexpectedly:** Ensure the light socket provides continuous power and is not connected to a switched outlet or motion-activated fixture.

9. SPECIFICATIONS

Model Name	LBC1
Video Capture Resolution	4K 8MP (1296p)
Connectivity Technology	Wireless (2.4Ghz & 5Ghz Wi-Fi)
Indoor/Outdoor Usage	Indoor, Outdoor (IP65 rated)
Power Source	Corded Electric (E26/E27 light socket, 110V~240V)
Pan/Tilt/Zoom	355° Pan, 110° Tilt, 4x Digital Zoom
Night Vision	IR LEDs (31ft B/W), White LEDs (65.6ft Full-Color)
Audio	2-Way Audio (Built-in Microphone & Speaker)
Storage Options	Micro SD Card (Max 128GB), Cloud Storage
Compatibility	ONVIF, RTSP, O-KAM App, Amazon Alexa
Product Dimensions	2.67 x 2.67 x 5.94 inches (Camera body) / 3.9 x 8.3 inches (Overall with screw base)
Item Weight	1.23 pounds

10. WARRANTY AND SUPPORT

EVERSECU products typically come with a manufacturer's warranty. For specific warranty details, please refer to the product packaging or contact EVERSECU customer support directly. If you encounter any issues or require technical assistance, please visit the EVERSECU official website or contact their support team through the O-KAM app for prompt assistance.