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EVERSECU LBC1

EVERSECU 4K 8MP UHD Screw-in PTZ Security Camera LBC1 User Manual

Model: LBC1 | Brand: EVERSECU

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. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This camera is designed for both indoor and outdoor surveillance, offering advanced features such as 4K resolution, pan-tilt-zoom capabilities, and dual-band Wi-Fi connectivity.

PRODUCT OVERVIEW AND KEY FEATURES

The EVERSECU LBC1 camera is a high-performance security device with the following key features:

- **4K 8MP Ultra HD Video Resolution:** Provides clear and detailed video footage.
- **Advanced Night Vision:** Equipped with 4 IR LEDs and 4 white LEDs for 31ft black/white and 65.6ft full-color night vision.
- **Pan-Tilt-Zoom (PTZ) Functionality:** Offers 355° pan, 110° tilt, and 4x digital zoom, controllable via the mobile application.
- **Dual-Band Wireless Connectivity:** Supports both 2.4Ghz and 5Ghz Wi-Fi networks for flexible installation.
- **Easy Installation:** Designed to screw into standard E26/E27 light sockets (110V~240V), requiring no drilling, wiring, or power cables.
- **ONVIF Conformant:** Compatible with various third-party software and Network Video Recorders (NVRs) like Blue Iris, ZoneMinder, and Security Spy.
- **Motion Detection & Auto Tracking:** Features a sensitive motion sensor that tracks movement and records activity, with optional voice alerts.
- **Two-Way Audio:** Allows for communication through the camera via the integrated microphone and speaker.
- **Multiple View & Storage Options:** Supports simultaneous viewing by multiple users, local storage via SD card (not included), and cloud storage (3-day free trial).
- **Privacy Protection:** High-level encryption ensures video privacy.



Figure 1: EVERSECU LBC1 Camera with mobile app interface, highlighting dual-band Wi-Fi support.



Figure 2: Visual comparison demonstrating the superior clarity of 4K 8MP resolution compared to 1080P.

WHAT'S IN THE BOX

The product package includes the following items:

- EVERSECU LBC1 Camera body
- Surface mounting lamp socket (included for indoor setup)
- Fixture extension (included for optimal camera view)
- User Manual (this document)

SETUP AND INSTALLATION

1. Pre-Installation Considerations

- Ensure the camera's dimensions (Height: 8.3 inches, Diameter: 3.9 inches) are suitable for your light fixture.
- The camera requires a constant power supply and is not compatible with motion-activated sockets or light fixtures that switch off power.
- Download the O-KAM app from your mobile device's app store.

2. Physical Installation

1. Locate a standard E26/E27 light socket (110V~240V) where you intend to install the camera.
2. Carefully screw the EVERSECU LBC1 camera into the light socket. Ensure it is securely fastened.
3. If necessary, use the included fixture extension to adjust the camera's position for an optimal field of view.

Easy Installation

As easy as replacing a light bulb to install the light bulb camera.

E27/E26 universal screw design

Requires a constant power supply and is not compatible with motion-activated sockets or light fixtures



Figure 3: Illustration of the easy screw-in installation process into a standard light socket.

3. App Setup and Wi-Fi Connection

1. Open the O-KAM app on your smartphone.
2. Follow the in-app instructions to add a new device.
3. Connect the camera to your 2.4Ghz or 5Ghz Wi-Fi network. Ensure your Wi-Fi signal is strong at the camera's location.



Figure 4: The camera is designed for outdoor use, featuring IP65 weather resistance and tolerance to extreme temperatures (-4°F to 140°F).

OPERATION

1. Live View and PTZ Control

- Access the live feed through the O-KAM app.
- Use the on-screen controls to pan (355°), tilt (110°), and digitally zoom (4x) the camera view.

2. Motion Detection and Auto Tracking

- Enable motion detection in the app settings.
- The camera will automatically track detected movement and record the activity.
- Configure voice alerts for motion events if desired.



Figure 5: Example of a motion detection alert received on a smartphone, indicating human body detection.

3. Two-Way Audio

- Use the microphone icon in the app to speak through the camera's speaker.
- Listen to audio from the camera's location via the app.

4. Recording and Storage

- **SD Card Storage:** Insert a Micro SD card (up to 128GB, not included) into the designated slot for local recording.
- **Cloud Storage:** Utilize the optional cloud storage service. A 3-day free trial is available monthly.
- Access recorded footage via the O-KAM app.



Figure 6: The camera supports both local recording to a Micro SD card and optional cloud storage for 24/7 surveillance.

ONVIF AND RTSP CONFIGURATION

The EVERSECU LBC1 camera supports ONVIF and RTSP protocols, allowing integration with Network Video Recorders (NVRs) and other third-party surveillance software.

Steps to Integrate with an NVR:

1. **Set a Password in the O-KAM App:** Navigate to the camera's settings in the O-KAM app and enable the password for NVR/PC/WEB access. This activates the ONVIF feature. The password length is limited to 8-31 characters.
2. **Search for Camera IP on NVR:** Connect your NVR to the same network as the camera. Use the NVR's interface to search for the camera's IP address via the ONVIF protocol.
3. **Add Camera to NVR:** Add the camera to your NVR system using its IP address, the username (default is 'admin'), and the password you set in the O-KAM app.



Figure 7: The camera's compatibility with ONVIF NVRs for centralized 24/7 recording and monitoring.

RTSP Address Format: `rtsp://[username]:[password]@[ip]:10554` (Default username: admin)

Your browser does not support the video tag.

Video 1: Demonstrates the process of adding EVERSECU cameras to an NVR system, including setting the ONVIF password in the app and searching for the camera's IP address on the NVR.

MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **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 unscrewing and re-screwing it into the light socket.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password, weak signal, or incorrect band (2.4Ghz/5Ghz).	Verify Wi-Fi password. Ensure camera is within range of your router. Confirm you are connecting to the correct Wi-Fi band. Try restarting your router.
Poor video quality	Weak Wi-Fi signal, dirty lens, or app settings.	Improve Wi-Fi signal strength. Clean the camera lens. Check app settings to ensure 4K resolution is selected.
Motion detection not working	Motion detection disabled, incorrect sensitivity settings, or environmental factors.	Enable motion detection in the O-KAM app. Adjust sensitivity settings. Ensure there are no obstructions blocking the camera's view.
Camera not responding	Power issue or software glitch.	Check if the light socket has constant power. Power cycle the camera by unscrewing and re-screwing it. If issues persist, perform a factory reset (refer to app for reset instructions).
NVR integration issues	ONVIF password not set, incorrect IP address, or network configuration.	Ensure an ONVIF password is set in the O-KAM app. Verify the camera's IP address. Check network settings on both the camera and NVR.

SPECIFICATIONS

Feature	Detail
Model Name	LBC1
Video Capture Resolution	4K 8MP (1296p)
Indoor/Outdoor Usage	Indoor, Outdoor
Connectivity Protocol	Wi-Fi (2.4Ghz & 5Ghz)
Mounting Type	Ceiling Mount (E26/E27 Light Socket)
Special Features	2-Way Audio, 4K, Light Bulb Screw Connector, ONVIF, PTZ Technology
Controller Type	Amazon Alexa (Smart Home Compatible)
Item Dimensions (Height x Diameter)	8.3 x 3.9 inches (210 x 100mm)
Item Weight	5.37 pounds
Power Source	Corded Electric (110V~240V via light socket)
Alert Type	Motion Only
Video Capture Format	MP4
Manufacturer	EVERSECU

PRODUCT PARAMETER



Figure 8: Detailed product parameter diagram showing the camera's dimensions (8.3 inches height, 3.9 inches diameter) and key components.

WARRANTY AND SUPPORT

EVERSECU products are covered by a manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official EVERSECU website. For technical support, troubleshooting assistance, or any product-related inquiries, please contact EVERSECU customer service through their official channels. You can visit the [EVERSECU Store on Amazon](#) for more information and support resources.