IMILAB CMSXJ68A

IMILAB EC6 Dual 2K+2K Outdoor Security Camera User Manual

Model: CMSXJ68A

1. INTRODUCTION

Thank you for choosing the IMILAB EC6 Dual 2K+2K Outdoor Security Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your new security camera. Please read this manual thoroughly before use and retain it for future reference.
The IMILAB EC6 Dual camera features dual lenses for comprehensive surveillance, 2K+2K resolution for clear imaging, and smart deterrence capabilities. It is designed for outdoor use to enhance your home security.

2. PRODUCT OVERVIEW

The IMILAB EC6 Dual camera is equipped with advanced features to provide reliable outdoor surveillance.

- **Dual Angle Surveillance:** Two lenses work together to monitor two angles simultaneously, with one lens offering 360° pan and 135° tilt for tracking.
- **2K+2K Resolution:** Both camera lenses provide 2K resolution for clear day and night vision.
- **Color Night Vision:** Four LED lights and four infrared lights enable vivid full-color night vision.
- **Two-Way Audio:** Communicate with visitors or deter intruders using the built-in speaker and microphone.
- **Smart Deterrence:** Automatic siren, spotlight, or custom voice alerts triggered by motion detection.
- **Person Tracking:** Advanced detection and tracking of people, vehicles, and bikes.
- **24/7 Continuous Recording:** Option for continuous recording to ensure constant monitoring.
- **Flexible Storage:** Supports local MicroSD card storage (up to 256GB, not included) and cloud storage options.
- **Weather-Resistant:** IP65 rating for outdoor use in various weather conditions (-30°C to 60°C).

3. PACKAGE CONTENTS

Please check the package for the following items:

- IMILAB EC6 Dual 2K+2K Outdoor Security Camera

- Power Adapter (100V-240V, two-prong plug)
- 10FT (3M) Power Cord
- Mounting Kit (screws, wall anchors)
- User Manual

4. SETUP

4.1 Physical Installation

The EC6 Dual camera offers versatile installation options for walls, ceilings, or columns.

1. **Choose a Location:** Select a suitable outdoor location that provides the desired surveillance coverage and has access to a power outlet. Ensure the camera is within range of your 2.4GHz Wi-Fi network.
2. **Mount the Camera:** Use the provided mounting kit to securely attach the camera to your chosen surface (wall, ceiling, or column). Drill pilot holes if necessary and use the wall anchors for masonry.
3. **Connect Power:** Plug the 10FT (3M) power cord into the camera and then into the universal power adapter. Connect the adapter to a power outlet.

Figure 4.1: Versatile Installation Options for the IMILAB EC6 Dual Camera.
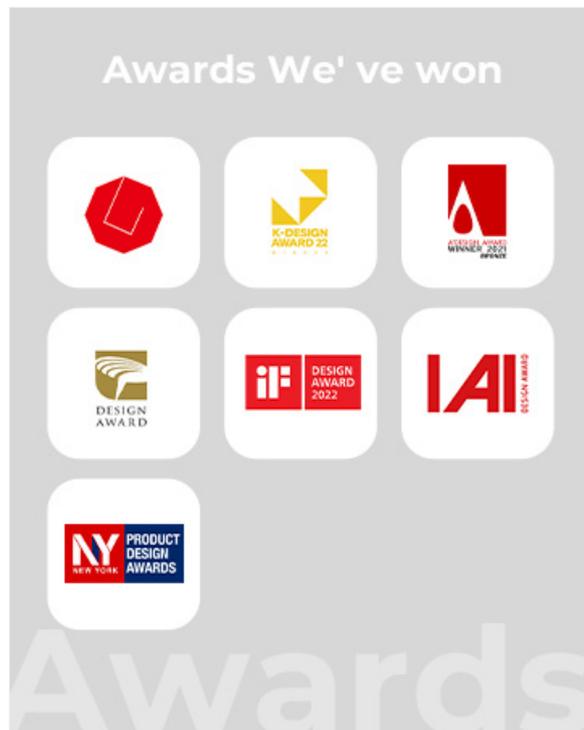
Figure 4.2: IMILAB EC6 Dual Camera Mounted on a Wall.

4.2 App Connection

To access all features and receive notifications, connect your camera to the Mi Home app.

1. **Download the Mi Home App:** Search for "Mi Home" in your smartphone's app store (iOS or Android) and download the application.
2. **Create an Account:** Open the Mi Home app and follow the on-screen instructions to create a new account or log in if you already have one.
3. **Add Device:** Tap the "+" icon in the top right corner of the app to add a new device. Select the IMILAB EC6 Dual camera from the list of available devices.
4. **Follow In-App Instructions:** The app will guide you through the pairing process, which typically involves scanning a QR code on the camera or connecting to a temporary Wi-Fi hotspot created by the camera.
5. **Configure Settings:** Once connected, you can customize settings such as motion detection zones, notification preferences, and recording schedules.

Figure 4.3: Mi Home App Connection and Notifications.

5. OPERATING INSTRUCTIONS

5.1 Dual Angle Surveillance

The IMILAB EC6 Dual camera features two lenses for comprehensive coverage. One lens provides a fixed wide-angle view, while the other offers pan and tilt functionality.

- **Fixed Lens:** Provides a static view of a designated area.
- **Pan-Tilt Lens:** Can be controlled via the Mi Home app to pan 360° horizontally and tilt 135° vertically. This lens also supports automatic person tracking.

Figure 5.1: Dual Angle Surveillance Capability.

5.2 Live View and Two-Way Audio

Access real-time video feeds and communicate through the camera using the Mi Home app.

- **Live View:** Open the Mi Home app and select your camera to view live footage from both lenses.
- **Two-Way Audio:** Tap the microphone icon in the live view interface to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's microphone.

Figure 5.2: 2K+2K Live View and Two-Way Audio Interface.

5.3 Smart Deterrence

The camera can automatically deter intruders with customizable alerts.

- **Siren:** Activates an audible siren upon motion detection.
- **Spotlight:** Turns on the built-in spotlight to illuminate the area and deter suspects.
- **Custom Voice Alert:** Record a custom message that plays when motion is detected.
- **Configuration:** These features can be enabled and customized within the Mi Home app settings for your camera.

Figure 5.3: Smart Deterrence Features in Action.

5.4 Recording and Storage

The camera offers flexible options for recording and storing footage.

- **MicroSD Card:** Insert a MicroSD card (up to 256GB, not included) into the designated slot on the camera for local storage of recordings. This allows for 24/7 continuous recording.
- **Cloud Storage:** Cloud storage is available for motion-triggered clips. A 3-month free trial is typically offered for new users. Refer to the Mi Home app for subscription details.
- **Reviewing Footage:** All recorded footage, whether local or cloud-based, can be reviewed through the Mi Home app.

Figure 5.4: Flexible Footage Storage Options.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your IMILAB EC6 Dual camera.

- **Lens Cleaning:** Gently wipe the camera lenses with a soft, clean, lint-free cloth. Avoid abrasive materials or harsh chemicals that could scratch the lens.
- **Housing Cleaning:** Clean the camera's exterior housing with a damp cloth. Do not spray water directly onto the camera.
- **Firmware Updates:** Periodically check the Mi Home app for available firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features and security enhancements.
- **Power Connection:** Ensure the power cable and adapter are securely connected and free from damage.
- **Environmental Checks:** Regularly inspect the camera's mounting for stability and ensure no obstructions are blocking the camera's view.

7. Troubleshooting

If you encounter issues with your IMILAB EC6 Dual camera, refer to the following common troubleshooting steps.

Problem	Possible Cause	Solution
Camera not powering on	Loose power connection, faulty adapter, no power at outlet.	Check power cable connections. Try a different power outlet. Ensure the adapter is working.
Unable to connect to Wi-Fi	Incorrect Wi-Fi password, camera too far from router, 5GHz Wi-Fi network selected.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. The camera only supports 2.4GHz Wi-Fi.
No video recording	No MicroSD card, full MicroSD card, cloud storage not active, recording settings incorrect.	Insert a MicroSD card or check its capacity. Verify cloud storage subscription. Check recording settings in the Mi Home app.

Problem	Possible Cause	Solution
Motion detection not working	Motion detection disabled, incorrect sensitivity, motion zones not set.	Enable motion detection in the app. Adjust sensitivity. Define motion detection zones.
Poor image quality	Dirty lens, low light conditions, network bandwidth issues.	Clean the camera lens. Ensure adequate lighting or verify night vision is active. Check your internet connection speed.

If the problem persists after trying these solutions, please contact IMILAB customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	CMSXJ68A
Product Dimensions	6.81 x 6.72 x 4.6 inches
Item Weight	2.44 pounds
Resolution	Dual 2K+2K
Pan/Tilt Range	Pan 360°, Tilt 135° (lower lens)
Night Vision	Color Night Vision (4 LED lights, 4 infrared lights)
Connectivity	2.4GHz WiFi
Storage Options	MicroSD card (up to 256GB, not included), Cloud Storage
Weather Resistance	IP65 (-30°C to 60°C)
Smart Home Compatibility	Works with Alexa and Google Assistant
Manufacturer	Shanghai lmilab Technology Co., Ltd

9. WARRANTY AND SUPPORT

IMILAB provides comprehensive support for its products.

- **Warranty:** The IMILAB EC6 Dual camera comes with a 24-month warranty. Please retain your proof of purchase for warranty claims.
- **Replacement & Refund:** IMILAB offers trouble-free replacement and refund services for eligible issues.
- **Customer Support:** For technical assistance, warranty inquiries, or any other questions, please contact IMILAB support:
    - **Phone:** 866 363-8885
    - **Email:** help@imilab.com

Figure 9.1: IMILAB User-centered Support Information.