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› **IMILAB A1 Home Security Camera User Manual**

## IMILAB CMSXJ19E

# IMILAB A1 Home Security Camera User Manual

Model: CMSXJ19E

## 1. INTRODUCTION

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The IMILAB A1 Home Security Camera is a versatile 3MP camera designed for comprehensive home surveillance. It features 360-degree pan/tilt capabilities, Wi-Fi connectivity, and advanced motion detection, providing real-time monitoring and peace of mind.



Figure 1: IMILAB A1 Home Security Camera and its mobile application interface.

## 2. PACKAGE CONTENTS

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Please check the package contents upon unboxing to ensure all items are present:

- IMILAB A1 Home Security Camera
- Power Adapter (USB cable included, power brick not included)
- Mounting Accessories (if applicable)
- User Manual

## 3. PRODUCT FEATURES

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The IMILAB A1 camera offers a range of features for enhanced security and monitoring:

- **3MP High-Resolution:** Captures clear and detailed video footage.
- **360-Degree Viewing Angle:** Provides comprehensive coverage of your space.
- **AI Human Detection:** Intelligently identifies human motion to reduce false alarms.
- **Motion Detection & Tracking:** Detects movement and tracks the subject.
- **Full Color Night Vision:** Offers clear vision even in low-light conditions.
- **Real-Time Two-Way Audio:** Communicate through the camera using the mobile app.
- **Silent Rotation:** Smooth and quiet camera movement.
- **Multi Storage Options:** Supports Micro SD card (up to 64GB) and 7-day free cloud storage.



Figure 2: Key features of the IMILAB A1 camera.

## 4. SETUP GUIDE

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### 4.1 Initial Setup

1. **Power On:** Connect the camera to a power source using the provided USB cable. The camera will automatically power on.
2. **Download App:** Download the "Mi Home" app from your smartphone's app store (iOS App Store or Google Play Store).
3. **Create Account:** Open the Mi Home app and create an account or log in if you already have one.
4. **Add Device:** Tap the "+" icon in the top right corner of the app to add a new device. Select the IMILAB A1 camera from the list of available devices.
5. **Connect to Wi-Fi:** Follow the on-screen instructions to connect the camera to your 2.4GHz Wi-Fi network. Ensure your phone is also connected to the same Wi-Fi network during setup.
6. **Scan QR Code:** A QR code will appear on your phone screen. Hold the camera lens towards the QR code on your phone at a distance of approximately 15-20 cm until you hear a voice prompt indicating successful scanning.
7. **Pairing Complete:** Once paired, the camera will connect to the network, and you can start using it.

## 4.2 Mounting the Camera

The IMILAB A1 camera can be placed on a flat surface or mounted on a wall or ceiling.

- **Desktop Placement:** Simply place the camera on a stable, flat surface like a table or shelf.
- **Wall/Ceiling Mounting:** Use the provided mounting base and screws. Mark the drilling points, drill holes, insert wall plugs, and secure the base. Attach the camera to the base by aligning the grooves and twisting to lock it in place.

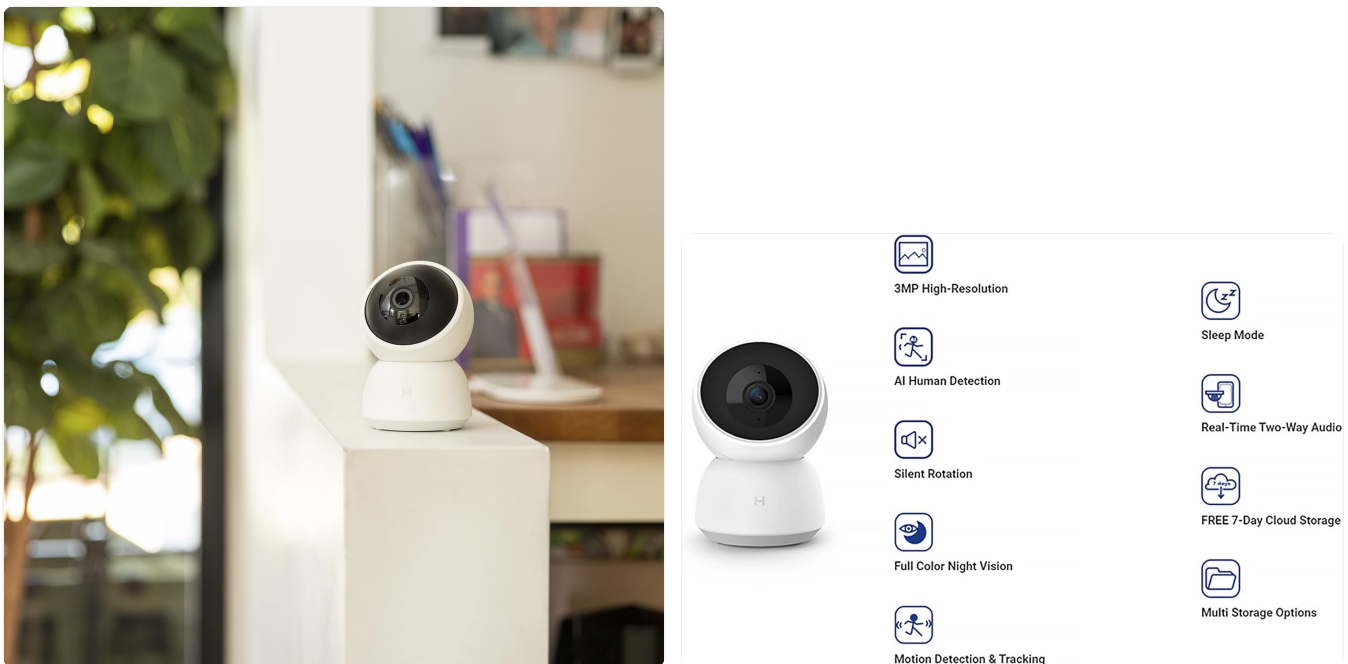


Figure 3: Handling and potential wall mounting of the IMILAB A1 camera.

## 5. OPERATING INSTRUCTIONS

### 5.1 Live View and Control

Open the Mi Home app and select your IMILAB A1 camera to access the live view. From here, you can:

- **Pan/Tilt:** Swipe on the live view screen to remotely control the camera's horizontal (pan) and vertical (tilt) movement.
- **Zoom:** Pinch to zoom in or out on the live feed.
- **Two-Way Audio:** Tap the microphone icon to speak through the camera or the speaker icon to listen to audio from the camera's location.

- **Record/Screenshot:** Capture video recordings or still images directly from the live view.

## 5.2 Motion Detection and Alerts

Configure motion detection settings within the Mi Home app:

- **Detection Sensitivity:** Adjust the sensitivity level for motion detection.
- **Detection Zones:** Set specific areas within the camera's view for motion detection.
- **Alert Schedule:** Define specific times or days when you want to receive motion alerts.
- **Notification Settings:** Enable push notifications to receive alerts on your smartphone when motion is detected.

## 5.3 Storage and Playback

The camera supports local storage via a Micro SD card and cloud storage.

- **Micro SD Card:** Insert a Micro SD card (up to 64GB) into the designated slot on the camera for continuous recording or event-triggered recording. Format the card via the app if necessary.
- **Cloud Storage:** Access recorded events from the past 7 days via the free cloud storage service (check app for details and potential subscription options for extended storage).
- **Playback:** Use the playback feature in the Mi Home app to review recorded footage from either the Micro SD card or cloud storage.

## 6. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Regularly check for and install firmware updates through the Mi Home app to ensure optimal performance and security.
- **Power Cycle:** If the camera experiences issues, try unplugging it from the power source for a few seconds and then plugging it back in.
- **Reset:** If persistent issues occur, locate the reset button (usually a small pinhole) on the camera. Use a pin to press and hold it for a few seconds until the camera resets. This will revert settings to factory defaults.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Camera offline	No power; Wi-Fi disconnected; Router issue	Check power connection; Restart router; Re-add camera in app
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; 5GHz network selected; Weak signal	Verify password; Ensure 2.4GHz network; Move camera closer to router
Frequent disconnections	Weak Wi-Fi signal; Network interference	Improve Wi-Fi signal strength; Reduce interference from other devices
Motion alerts not working	Detection settings off; App notifications disabled	Check motion detection settings in app; Enable app notifications in phone settings
Poor image quality	Dirty lens; Low light conditions; Network bandwidth	Clean lens; Ensure adequate lighting; Check internet speed

Problem	Possible Cause	Solution
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## 8. SPECIFICATIONS

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Feature	Detail
Model Name	XIAOMI CHUANGMI (IMILAB A1)
Item Model Number	CMSXJ19E
Video Capture Resolution	3 MP (1296 Pixels Effective)
Viewing Angle	360 Degrees
Frame Rate	30 frames per second
Wireless Communication	Wi-Fi (2.4GHz)
Power Input	5V-2A (5 Volts, 5 Watts)
Storage	Micro SD (Max 64GB), Cloud Storage
Dimensions (L x W x H)	10.8 x 7.6 x 7.6 cm
Weight	211 g
Special Features	Motion Sensor, AI Human Detection, Two-Way Audio, Full Color Night Vision

## SPECS

Color	White
Dimension	112×76×76mm
Weight	211g
Package Size	160×90×90mm
Power Input	5V-2A
Linkage	WiFi: 2.4GHz
Battery	No
Ext Storage	Micro SD (Max64GB)
Lens	F2.1
Resolution	3MP
Focus	3.71mm
Angle	110°
Night Vision	6 * 940nm infrared LED
Distance	10m
Voice	Bi-direction



Figure 4: Detailed specifications of the IMILAB A1 camera.

## 9. WARRANTY AND SUPPORT


For warranty information and technical support, please refer to the official IMILAB website or contact your local distributor. Keep your purchase receipt as proof of purchase for warranty claims.




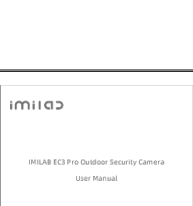

**Official Website:** [www.imilab.com](http://www.imilab.com)

**Customer Service:** Refer to the contact information provided on the product packaging or the official website.

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### Related Documents - CMSXJ19E

 IMILAB C21 Product Book & Reviewer's Guide	<a href="#">IMILAB C21 2.5K WiFi Plug-in Indoor Camera: Product Book &amp; Reviewer's Guide</a> Explore the IMILAB C21, a 2.5K WiFi indoor security camera offering 360° surveillance, two-way audio, AI motion detection, and flexible storage options. This guide details its features, specifications, and comparisons with other models.
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	<p><a href="#">IMILAB Home Security Camera A1 User Manual</a></p> <p>User manual for the IMILAB Home Security Camera A1, covering product overview, installation, setup, features like real-time surveillance, night vision, playback, automatic surveillance, sharing, and specifications. Includes manufacturer details and support website.</p>
	<p><a href="#">IMILAB A1 Home Security Camera User Manual - Setup and Operation Guide</a></p> <p>Comprehensive user manual for the IMILAB A1 Home Security Camera, covering installation, setup, features, and troubleshooting. Learn how to use your IMILAB A1 for home surveillance.</p>
	<p><a href="#">IMILAB Home Security Camera A1 User Manual</a></p> <p>Comprehensive user manual for the IMILAB Home Security Camera A1 (Model: CMSXJ19E). Learn about installation, setup, features like night vision and motion detection, app integration with Mi Home/Xiaomi Home, playback, and technical specifications.</p>
	<p><a href="#">IMILAB EC3 Pro Outdoor Security Camera User Manual</a></p> <p>User manual for the IMILAB EC3 Pro Outdoor Security Camera, detailing installation, setup, features like night vision and app connectivity, and technical specifications.</p>
	<p><a href="#">IMILAB C30 Home Security Camera User Manual</a></p> <p>User manual for the IMILAB C30 Home Security Camera, covering installation, operation, specifications, and troubleshooting. Learn how to set up and use your device effectively.</p>