

## SOVMIKU B0FKM421KP

# SOVMIKU Vicohome 2K AI Solar Security Camera & 5G Wi-Fi Indoor Camera User Manual

Model: B0FKM421KP

## 1. INTRODUCTION

This manual provides instructions for the SOVMIKU Vicohome 2K AI Solar Security Camera and 5G Wi-Fi Indoor Camera. These cameras offer advanced surveillance features including 2K resolution, AI motion detection, two-way audio, and flexible storage options. The solar-powered outdoor camera provides continuous operation, while the indoor camera offers versatile monitoring with dual-band Wi-Fi connectivity.

Please read this manual carefully before using the product to ensure proper installation and operation.

## 2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Camera body (Solar Outdoor or 5G Wi-Fi Indoor model)
- Mounting bracket
- Solar panel (for outdoor model)
- USB cable
- User manual
- Screws and wall anchors
- SIM card & SD card (if included with specific model)



Figure 2.1: Example of package contents for a SOVMIKU camera.

### 3. SETUP

#### 3.1 App Download and Account Creation

Download the free "**Vicohome**" **App** from Google Play Store (for Android) or Apple App Store (for iOS). Follow the in-app instructions to create an account and log in.

#### 3.2 Camera Charging

Before initial use, fully charge the camera battery using the provided USB cable and a standard 5V 1A charger. For solar-powered models, ensure the solar panel is connected and placed in direct sunlight.



Figure 3.1: Solar panel connected to the camera for continuous charging.

### 3.3 MicroSD Card Installation (Optional)

To store recordings locally, insert a microSD card (up to 128GB, not included) into the designated slot on the camera. Ensure the camera is powered off before inserting or removing the card.

## Local or Cloud? You're the Boss!

Built-in microSD Slot, Support up to 128GB

128GB = 15 months motion detection recordings

\*microSD card not included

Prefer Encrypted cloud storage? We've got that too.

Nobody can destroy your recordings, Even if the camera is destroyed



Figure 3.2: Installing a microSD card for local storage.

### 3.4 Wi-Fi Connection

The cameras support dual-band Wi-Fi (2.4GHz and 5GHz). Follow the in-app instructions to connect your camera to your home Wi-Fi network. Ensure your router is within range and provides a stable signal.





Figure 3.3: Dual-band Wi-Fi compatibility for flexible network connection.

### 3.5 Camera Installation

Mount the camera using the provided bracket and screws. For solar-powered outdoor cameras, ensure the solar panel is positioned to receive maximum direct sunlight throughout the day. Avoid shaded areas.



Figure 3.4: Outdoor camera dimensions and weather resistance.



Figure 3.5: Two-way audio feature in use.



Figure 3.6: Outdoor camera designed for durability in various weather conditions.

## 4. OPERATING INSTRUCTIONS

### 4.1 Live View and Multi-Camera Monitoring

Open the Vicohome App to view live feeds from your cameras. The app allows simultaneous viewing of up to four cameras without an NVR. Click the second button in the top right corner of the app to access this feature.



## Powered by Vicohome

No NVR needed, View 4 cameras at the same time.



Figure 4.1: Vicohome App interface showing multiple camera feeds.

### 4.2 Motion Detection and Tracking

The camera is equipped with a High Tolerance CMOS and PIR Sensor for accurate motion detection. When motion is detected, the device will automatically track the movement and send push notifications to your phone. For the CB2 camera, an emergency SOS call can be initiated with one click.

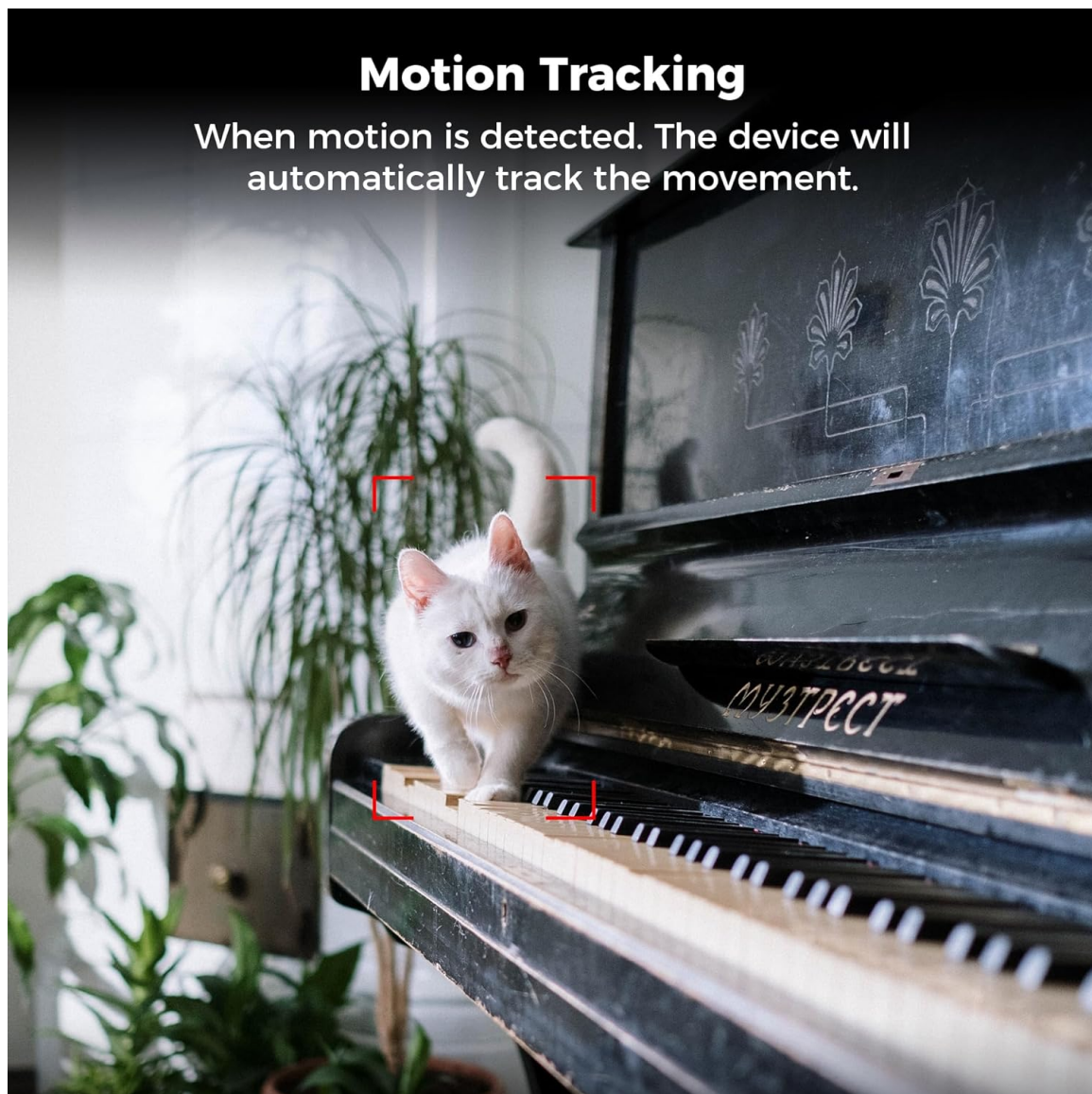


Figure 4.2: Motion tracking in action, highlighting detected movement.

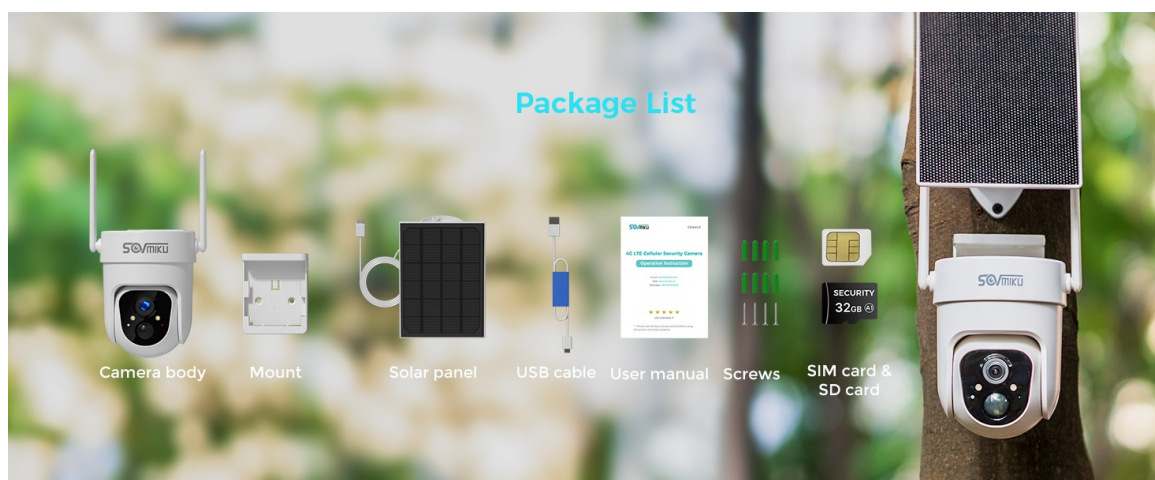


Figure 4.3: Motion detection alerts on a smartwatch.

### 4.3 Two-Way Audio

Utilize the two-way audio feature to communicate through the camera. This allows you to speak to visitors or deter intruders remotely via the Vicohome App.





Figure 4.4: Engaging in two-way communication via the camera.

#### 4.4 Night Vision and Alerts

The cameras provide color night vision for clear images in low-light conditions. When motion is detected at night, the camera can activate a flashlight and an audible siren to deter unwanted activity.



Figure 4.5: Flashlight and audible alarm activation upon motion detection.

#### 4.5 Storage Options (Local & Cloud)

Recordings can be stored locally on a microSD card (up to 128GB) or securely in the cloud. Cloud storage offers encrypted backup, ensuring your recordings are safe even if the camera is compromised.



Figure 4.6: Flexible local and encrypted cloud storage solutions.

#### 4.6 Multi-User and Multi-Device Support

The Vicohome App supports connecting up to 50 devices. You can share camera access with up to 10 different users, setting specific permissions for each. Up to three accounts can view the camera simultaneously.

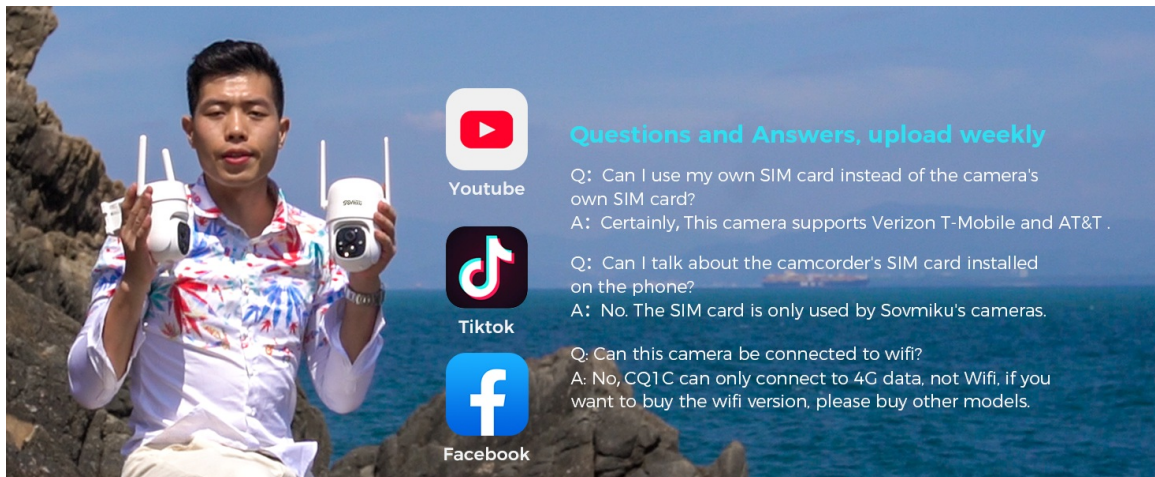


Figure 4.7: Ecosystem of Vicohome devices managed through a single app.

## 5. MAINTENANCE

### 5.1 Solar Panel Care

Regularly wipe the solar panels to remove dust and debris, ensuring optimal charging efficiency. Install the solar panel in a location that receives maximum direct sunlight.



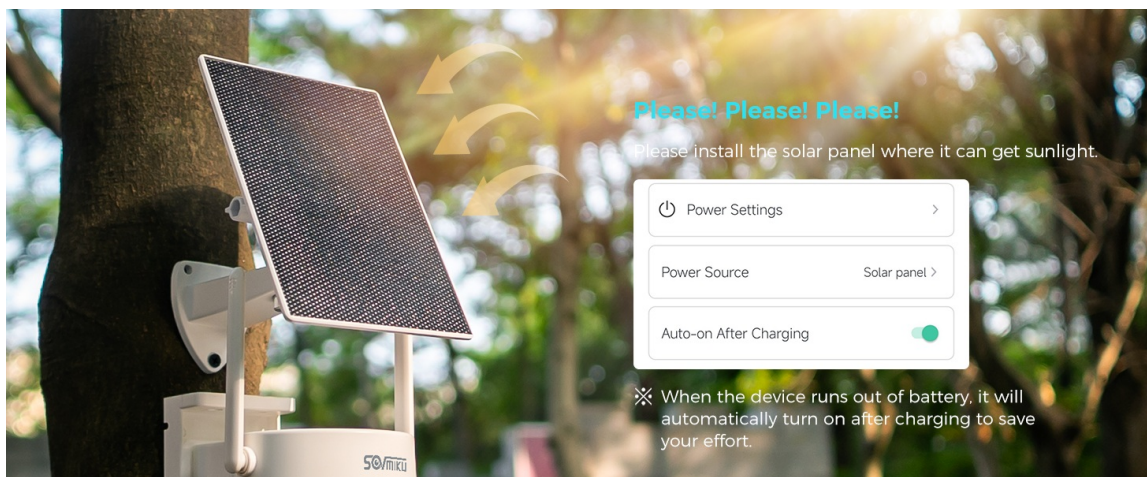


Figure 5.1: Proper solar panel placement and settings for optimal charging.

## 5.2 Optimal Charging Temperature

The optimal charging temperature for the solar panel is 0°C to 45°C (14°F to 113°F). If the local temperature is below 0°C, the solar panel may not provide power effectively.

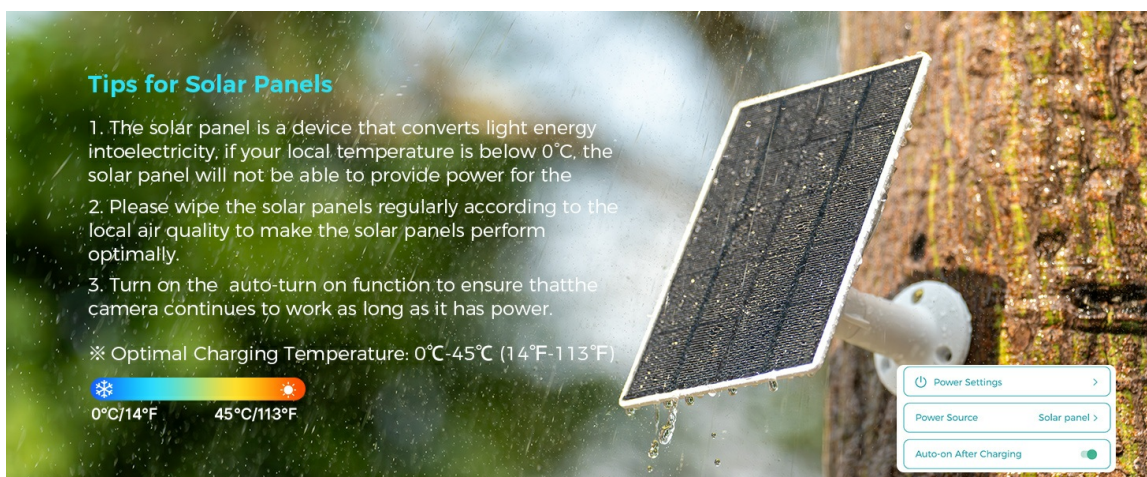


Figure 5.2: Tips for maintaining solar panel performance.

## 5.3 General Cleaning

Wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the device.

# 6. TROUBLESHOOTING

## 6.1 Connectivity Issues

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz or 5GHz (depending on camera model compatibility) and the signal is strong. Restart your router and the camera.
- **Remote viewing not working:** Check your internet connection. Ensure the Vicohome App has necessary network permissions on your smartphone.

## 6.2 Power Issues

- **Solar camera not charging:** Verify the solar panel is clean and positioned in direct sunlight. Check the cable connection between the solar panel and the camera. Ensure the auto-on after



charging function is enabled in the app settings.

- **Battery draining quickly:** Reduce motion detection sensitivity or frequency of recordings. Ensure the camera is receiving adequate sunlight for solar charging.

6.3 Image/Video Quality Issues

- **Blurry images:** Clean the camera lens. Ensure there is sufficient lighting.
- **Night vision not clear:** Ensure there are no obstructions blocking the infrared lights.

6.4 SIM Card Questions (for LTE models, if applicable)

Some models may support SIM cards for 4G connectivity. If you have an LTE model:

- **Can I use my own SIM card?** Yes, this camera supports Verizon, T-Mobile, and AT&T SIM cards.
- **Can the SIM card be used on a phone?** No, the SIM card is exclusively for Sovmiku cameras.



Figure 6.1: Common questions and answers regarding camera connectivity.

7. SPECIFICATIONS

Feature	Description
Video Resolution	2K (3 Megapixels)
Wi-Fi Connectivity	2.4GHz & 5GHz Dual-Band
Storage	MicroSD card (up to 128GB), Cloud Storage
Motion Detection	AI Human/Pet/Vehicle Detection, PIR Sensor
Night Vision	Color Night Vision
Audio	Two-Way Audio
Weather Resistance	IP65 (for outdoor models)
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Pan/Tilt (for specific models)	355° Pan, 90° Tilt
Power Source	Battery Powered, Solar Charging (for outdoor models)



Figure 7.1: Camera features including 2K resolution and PIR motion detection.



Figure 7.2: High-resolution imaging capabilities.

## 8. WARRANTY AND SUPPORT

### 8.1 180-Day Exchange Policy

SOVMIKU offers a 180-day exchange policy. If you are not satisfied with the product, you may submit a request for a solution within 24 hours.

## 8.2 Contact Support

For technical assistance or customer service, please contact us via email:

Email: [Sovmiku@163.com](mailto:Sovmiku@163.com)

We aim to provide the best solution within 24 hours.



Figure 8.1: Contact information for support.