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› SOVMIKU Vicohome 2G6B and 2CG6 2K Solar Security Camera Instruction Manual

SOVMIKU 2G6B, 2CG6

SOVMIKU Vicohome 2G6B and 2CG6 2K Solar Security Camera Instruction Manual

Models: 2G6B, 2CG6

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your SOVMIKU Vicohome 2G6B and 2CG6 2K Solar Security Camera. Please read this manual thoroughly before using the product to ensure proper function and safety.

1. PRODUCT OVERVIEW

The SOVMIKU Vicohome 2K Solar Security Camera is a wireless outdoor surveillance system designed for ease of use and reliable performance. It features a 2K resolution camera, solar panel for continuous power, motion detection, two-way audio, and color night vision.

Package Contents

- SOVMIKU Vicohome 2K Solar Security Camera (2G6B or 2CG6 model)
- Solar Panel with 9.8ft Cable
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual

Powered by Vicohome

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



Image: The SOVMIKU Vicohome 2K Solar Security Camera with its accompanying solar panel, ready for outdoor installation.

2. SETUP

2.1 Initial Charging

Before first use, fully charge the camera using the provided USB cable. The camera has a built-in 5200mAh battery. A full charge can power the camera for approximately two months under normal usage conditions.

2.2 App Installation and Account Creation

1. Download the **Vicohome** app from your smartphone's app store (iOS or Android).
2. Open the app and create a new account or log in if you already have one.
3. Follow the on-screen instructions to add your camera to the app. Ensure your camera is powered on and in pairing mode.



Image: The Vicohome application interface displaying live feeds from multiple connected security cameras.

2.3 MicroSD Card Installation (Optional)

The camera supports local storage via a microSD card (up to 128GB, not included). To install:

1. Locate the microSD card slot on the camera.
2. Gently insert the microSD card into the slot until it clicks into place.
3. Format the card through the Vicohome app settings for optimal performance.



Premium Cloud Intelligence

From \$4.49/month for cloud analytics & 60 days cycle recording cloud storage.

After the camera captures the footage, upload the image to the AI server through the network, and uses the powerful computing power of the AI server to analyze the vehicles, pets, persons, package and activity zone in the image, so as to push advanced alarm notifications.

* \$4.49/month/cam \$9.99/month/all cams

The image shows a black outdoor security camera with a solar panel attached. The camera has a lens and a small light. A hand is shown inserting a microSD card into the camera's body. To the right, a smartphone screen displays the VicoHome app interface, showing a lock icon, the time 09:19, and a notification for 'Front door Camera' stating 'A person detected' and 'A vehicle detected'.

Image: A hand demonstrating the insertion of a microSD card into the designated slot on the camera body.

2.4 Mounting the Camera and Solar Panel

The camera and solar panel are designed for outdoor use with an IP65 weather resistance rating. The charging interface features a silicone waterproof protective plug for safe outdoor installation.

1. **Choose a Location:** Select a location that provides the desired viewing angle and receives ample direct sunlight for the solar panel. The solar panel cable is 9.8ft long, allowing flexible placement.
2. **Install the Mounting Bracket:** Use the provided screws to securely attach the mounting bracket to a wall or ceiling.
3. **Attach the Camera:** Clip the camera onto the installed bracket.
4. **Connect Solar Panel:** Attach the solar panel to its bracket and connect its cable to the camera's charging port, ensuring the waterproof plug is properly sealed.

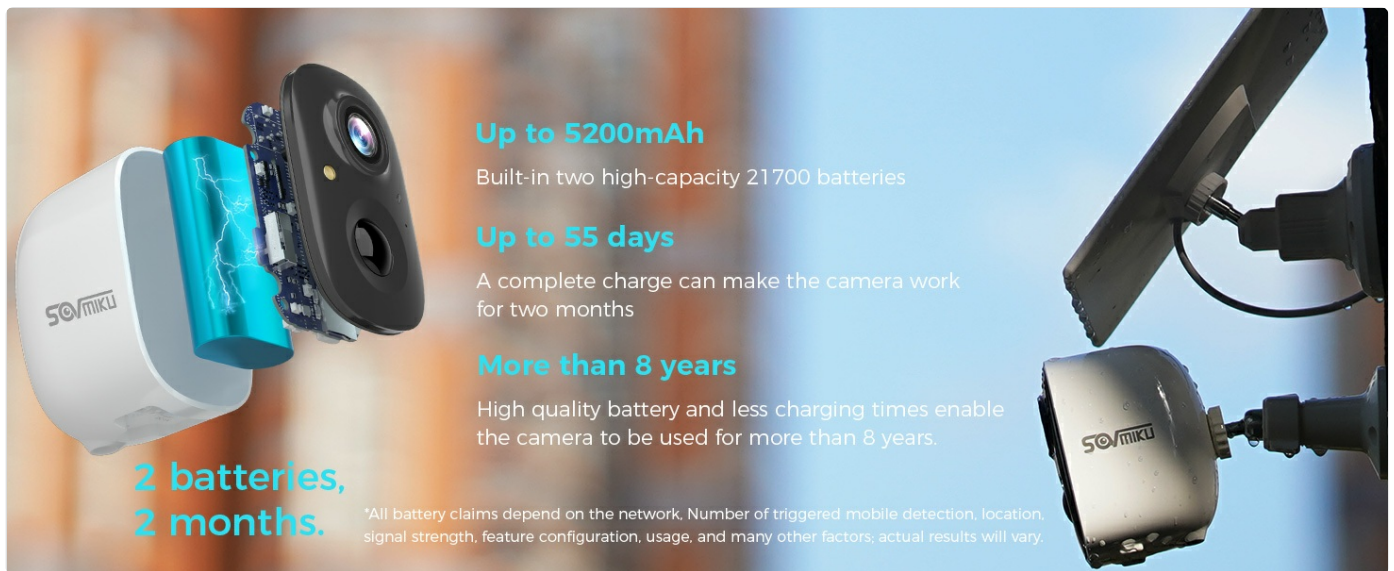


Image: A hand demonstrating how to hold the camera mount, illustrating its suitability for wall or ceiling installation.

Solar Panel Placement Guide

For optimal charging, the solar panel should be pointed directly at the sun during the middle of the day. Avoid shaded areas. The optimal charging temperature range is 0°C to 45°C (14°F to 113°F).



Image: A visual guide illustrating various scenarios for solar panel placement, indicating both optimal and suboptimal positions for maximum sun exposure.

3. OPERATING INSTRUCTIONS

3.1 Live View and Recording

Open the Vicohome app to view live footage from your camera. You can manually record video or take screenshots directly from the live view interface.

3.2 Motion Detection and Alerts

The camera features a Passive Infrared (PIR) sensor for motion detection. When a warm body (human or animal) passes by, the PIR sensor triggers the camera, activating recording and sending alerts to your smartphone.

- **Spotlight Activation:** At night, motion detection can activate a spotlight for improved visibility and deterrence.
- **Audible & Flashlight Alarm:** If enabled in the app, the camera will automatically flash its light and sound an alarm when motion is detected.



Image: A security camera with an activated flashlight illuminating a person at night, demonstrating its alarm features.

3.3 Two-Way Audio

Utilize the two-way audio feature through the Vicohome app to communicate with individuals near the camera. This allows for real-time conversations.

Two-way Audio

No matter how far away, you can easily talk through the camera.



Good job, Lily...



Thanks, Dad...



Good job, Lily...



Image: An illustration of two-way audio functionality, showing a person speaking into a phone and another person near the camera responding.

3.4 Color Night Vision

The camera provides color night vision, offering clearer and more detailed images in low-light conditions compared to traditional black and white infrared night vision.



◀ **H.265+
HEVC**

H.265 Cameras vs H.264 Cameras in Bandwidth Consumption

H.265+ IP cameras possess a higher H.265+ compression ratio compared with H.264 security cameras. In the same level of video quality, H.265+ cameras can reduce about 50% network bandwidth consumption in transmission and increase streaming speed.



◀ **H.264
AVC**

H.265+ Cameras vs H.264 Cameras in Storage Usage

As the bitrate is proportional to the required storage usage, H.265+ IP cameras with lower bitrate can compress the videos in almost half the file sizes in comparison to H.264+ cameras while retaining the original video quality.

Image: An outdoor night scene brightly illuminated by the camera's color night vision, showcasing its ability to capture clear images in darkness.

3.5 Cloud Intelligence (Optional Service)

The camera supports optional cloud intelligence services for advanced features, including AI analysis to identify vehicles, pets, persons, and packages. This service provides enhanced alarm notifications and cloud storage for recordings.

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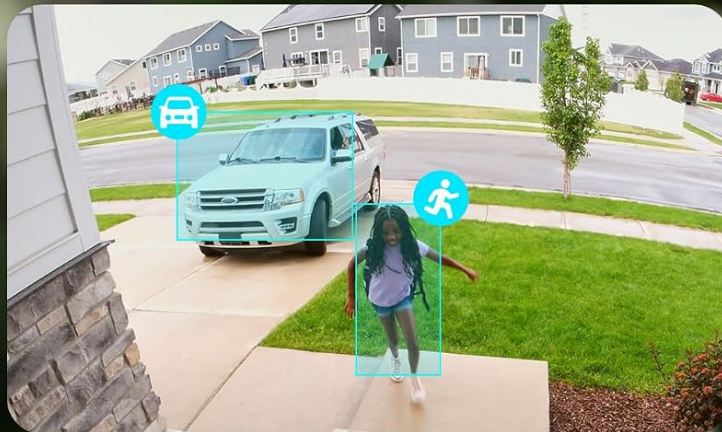


Image: A security camera monitoring a driveway, with a smartphone displaying notifications for detected persons and vehicles, illustrating cloud intelligence features.

3.6 Multi-Device and Multi-User Support

- The Vicohome app can manage up to 50 cameras simultaneously.
- You can share camera access with up to 10 different users, with support for 3 users viewing simultaneously.

4. MAINTENANCE

4.1 Solar Panel Cleaning

Regularly wipe the solar panels to remove dust, dirt, and debris. This ensures optimal energy conversion and continuous power supply to the camera.



Image: A solar panel mounted outdoors, with text providing tips for cleaning and optimal charging temperatures.

4.2 General Cleaning

Wipe the camera lens and body with a soft, damp cloth as needed. Avoid using harsh chemicals or abrasive materials that could damage the camera's finish or lens.

4.3 Battery Care

The camera's high-quality battery is designed for long-term use (over 8 years). Ensure the camera operates within the recommended temperature range of -20°C to 50°C (-4°F to 122°F) for optimal battery life.

5. TROUBLESHOOTING

5.1 Camera Not Powering On

- Ensure the camera battery is charged. Connect it to a power source using the USB cable.
- Verify the solar panel is connected correctly and receiving sufficient sunlight.

5.2 No Motion Detection Alerts

- Check the motion detection settings in the Vicohome app to ensure it is enabled.
- Adjust the sensitivity settings.
- Ensure there are no obstructions blocking the PIR sensor.

5.3 Poor Video Quality

- Clean the camera lens.
- Ensure a stable Wi-Fi connection. Weak signals can affect streaming quality.
- Check app settings for resolution options.

5.4 Connectivity Issues

- Restart the camera and your Wi-Fi router.
- Ensure the camera is within range of your Wi-Fi network.
- If issues persist, try re-pairing the camera with the Vicohome app.

6. SPECIFICATIONS

Feature	Specification
Model Numbers	2G6B, 2CG6
Resolution	2K (3 Megapixels)
Battery Capacity	5200mAh (2x 21700 batteries)
Solar Panel Type	Monocrystalline Silicon
Solar Panel Efficiency	Up to 23% energy conversion rate
Solar Panel Cable Length	9.8 ft
Weather Resistance	IP65
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Local Storage	MicroSD card, up to 128GB (not included)
Viewing Angles	Horizontal 95°, Vertical 55°, Diagonal 110°
App Compatibility	Vicohome (iOS, Android)

7. WARRANTY AND SUPPORT

7.1 180-Day Exchange Policy

SOVMIKU offers a 180-day exchange policy. If you encounter any issues with your product, you may submit a request for an exchange within 180 days of purchase.

7.2 Customer Support

For technical assistance or customer service inquiries, please contact us via email. We commit to responding to all inquiries within 12 hours.

- **Email:** Sovmiku@163.com

ASK A QUESTION ABOUT THIS MANUAL

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Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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