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› Rocktone Solar Security Camera User Manual - Model CG6DB-30WSL

Rocktone CG6DB-30WSL

Rocktone Solar Security Camera User Manual

Model: CG6DB-30WSL

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Rocktone Solar Security Camera, Model CG6DB-30WSL. This 2K wireless outdoor camera features solar power, battery backup, AI motion detection, color night vision, two-way audio, and IP66 weather resistance. Please read this manual thoroughly before use to ensure proper functionality and safety.



Image 1.1: Rocktone Solar Security Camera with solar panel and live view on a smartphone.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Solar Battery Powered Security Camera
- Solar Panel
- Mounting Kit (screws, wall anchors)
- Mounting Bracket
- User Manual

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your security camera system.



Image 3.1: Main components of the Rocktone Solar Security Camera.

- **Camera Lens:** Captures 2K video footage.
- **Spotlight:** Provides illumination for color night vision and acts as a deterrent.
- **PIR Sensor:** Detects motion based on heat signatures.
- **Microphone:** Captures audio for two-way talk and recording.
- **Speaker:** Enables two-way communication and siren alarm.
- **Solar Panel:** Charges the camera's internal battery using sunlight.
- **Micro SD Card Slot:** For local video storage (up to 128GB, card not included).
- **Reset Button:** Used for resetting the camera to factory settings.
- **USB Charging Port:** For initial charging or supplemental power.

4. SETUP

4.1 Initial Charging

Before installation, fully charge the camera using the provided USB cable and a 5V/2A power adapter (not included). A full

charge ensures optimal performance, especially during initial setup and periods of low sunlight.

4.2 App Installation

Download the "Vicohome" app from the App Store (iOS) or Google Play Store (Android). Create an account and log in.



Image 4.1: Steps for downloading the Vicohome app and connecting the camera.

4.3 Connecting to Wi-Fi

1. Open the Vicohome app and tap "Add Device" or the '+' icon.
2. Follow the on-screen instructions to power on your camera.
3. Select your **2.4GHz Wi-Fi network** and enter the password. *Note: This camera does not support 5GHz Wi-Fi networks.*
4. The app will generate a QR code. Position your camera approximately 6-8 inches (15-20 cm) in front of your phone screen until you hear a confirmation sound.
5. Once connected, name your camera and complete the setup.

Cloud Storage Subscription Standards					
Premium Plan	Free \$ 0	Single device		Unlimited device	
		\$ 4.49 /month/cam	\$ 47.49 /year/cam	\$ 9.99 /month/all cams	\$105.99 /year/cams
Feature Comparison	Free number	Premium	Premium	Premium	Premium
Cycle recording	3 days	60 days	60 days	60 days	60 days
Motion recording	20s	3 mins	3 mins	3 mins	3 mins
Motion alerts	✓	✓	✓	✓	✓
Smart push	✗	✓	✓	✓	✓
Activity zone	✗	✓	✓	✓	✓
Person detection	✗	✓	✓	✓	✓
Pet detection	✗	✓	✓	✓	✓
Vehicle detection	✗	✓	✓	✓	✓
Package detection	✗	✓	✓	✓	✓

Image 4.2: The camera connects via 2.4GHz Wi-Fi.

4.4 Mounting Instructions

Choose a location with good Wi-Fi signal and direct sunlight exposure for the solar panel. The camera is IP66 weatherproof, suitable for outdoor use.

1. **Positioning:** Identify a suitable mounting spot that provides the desired viewing angle and allows the solar panel to receive maximum sunlight.
2. **Drill Holes:** Use the mounting bracket as a template to mark and drill holes on the wall. Insert wall anchors if mounting on masonry.

3. **Attach Bracket:** Secure the mounting bracket to the wall using the provided screws.
4. **Attach Camera:** Mount the camera onto the bracket and adjust its angle.
5. **Attach Solar Panel:** Mount the solar panel in a location that receives ample direct sunlight throughout the day.
Connect the solar panel cable to the camera's charging port.

365 Days Non-Stop Solar Powered

100% Wireless, install once, use forever



Image 4.3: Example of camera and solar panel mounting.



Image 4.4: Recommended installation locations for the camera.

5. OPERATING INSTRUCTIONS

5.1 Live View

Open the Vicohome app and select your camera to view the live feed. You can monitor your property in real-time from anywhere.

5.2 2K QHD Resolution & Night Vision

The camera provides 2K Ultra HD resolution (2304*1296), offering clearer images than standard 1080p cameras. It supports two night vision modes:

- **Full-Color Night Vision:** Activated by the built-in spotlight, providing clear color images even in low light.
- **Infrared Night Vision:** Provides black and white images in complete darkness.



Supports 2.4GHz WiFi Connection

If you have a dual-band router, first make sure you select 2.4GHz WiFi.

Image 5.1: Full Color Night Vision vs. Infrared Night Vision.

5.3 PIR Motion Detection & AI Analysis

The camera uses Passive Infrared (PIR) technology to detect motion. When motion is detected, the camera will:

- Send instant alerts to your phone via the Vicohome app.
- Record video clips.
- Optionally activate the siren alarm and white light (disabled by default, can be enabled in app settings).

Advanced AI analysis (subscription required for full features) can distinguish between people, vehicles, pets, and packages, reducing false alarms and providing more specific notifications.

PIR Motion Detection

Multiple alarm ways to protect your home

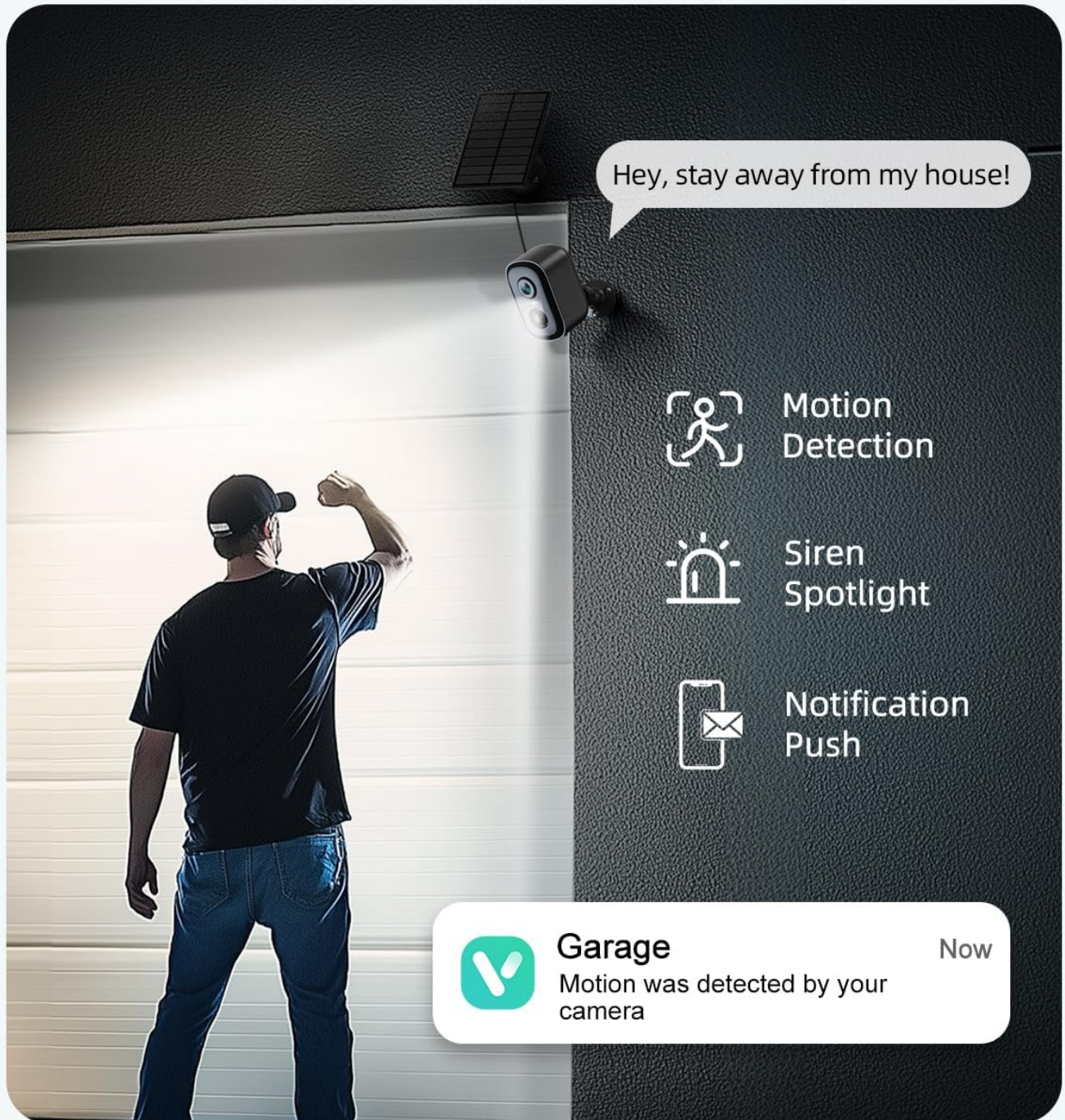


Image 5.2: PIR Motion Detection triggering alerts.

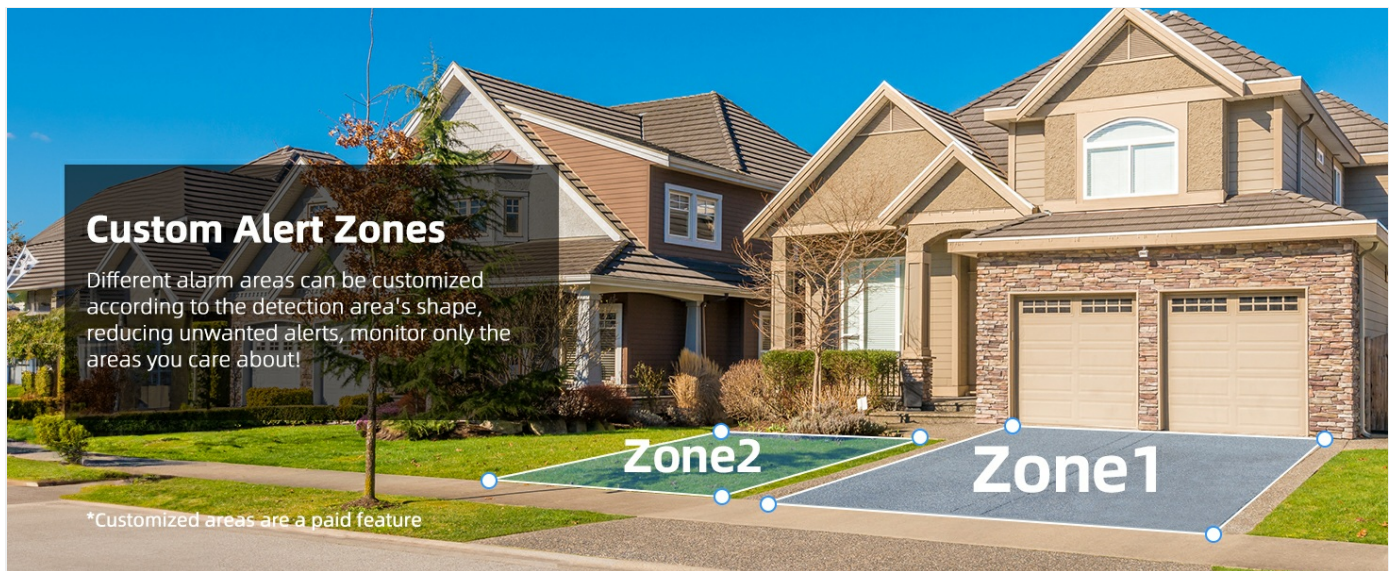


Image 5.3: AI Object Analysis for precise detection.

5.4 Two-Way Talk

Utilize the built-in microphone and speaker to communicate with visitors or deter intruders directly through the app.



Image 5.4: Two-Way Audio in action.

5.5 Storage Options

The camera supports two storage methods for recorded footage:

- **Micro SD Card:** Supports up to 128GB (not included). Footage is stored locally.
- **Cloud Storage:** Includes free 3-day loop cloud storage (valid for 2 years) without subscription. Advanced cloud storage plans with longer retention and additional features are available via subscription after a 30-day free trial.



Image 5.5: SD Card and Cloud Storage options.

5.6 App Settings and Customization

The Vicohome app allows you to customize various settings:

- **Detection Sensitivity:** Adjust the PIR sensor's sensitivity to motion.
- **Recording Duration:** Set the length of recorded video clips.
- **Sleep Period:** Schedule times when the camera should not detect motion or record.
- **Custom Alert Zones:** Define specific areas within the camera's view for motion detection (paid feature).
- **Siren/Spotlight Activation:** Enable or disable the siren and white light upon motion detection.

2K Ultra HD Resolution

Equipped with an advanced 1/3 CMOS sensor and an FHD 2K 3MP lens, it provides 2304*1296 high-resolution images which are 1.5 times sharper than those of 1080p, enabling you to observe what is happening around your home clearly.

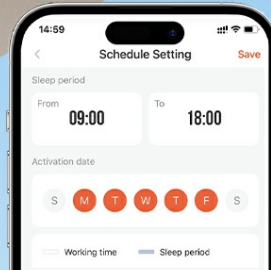


Image 5.6: Intelligent App Settings for customization.



Intelligent APP Setting

Via the APP, you can set the time period and recording duration for triggering motion detection and adjust the detection sensitivity so as to reduce unnecessary monitoring and save the power of the camera.



Detection Sensitivity

High Medium Low

^

Duration

10 sec 15 sec 20 sec

Image 5.7: Custom Alert Zones for focused monitoring.

5.7 Share Camera Access

You can share camera access with family members or trusted individuals through the Vicohome app using a QR code, allowing multiple users to view the live feed and receive alerts.

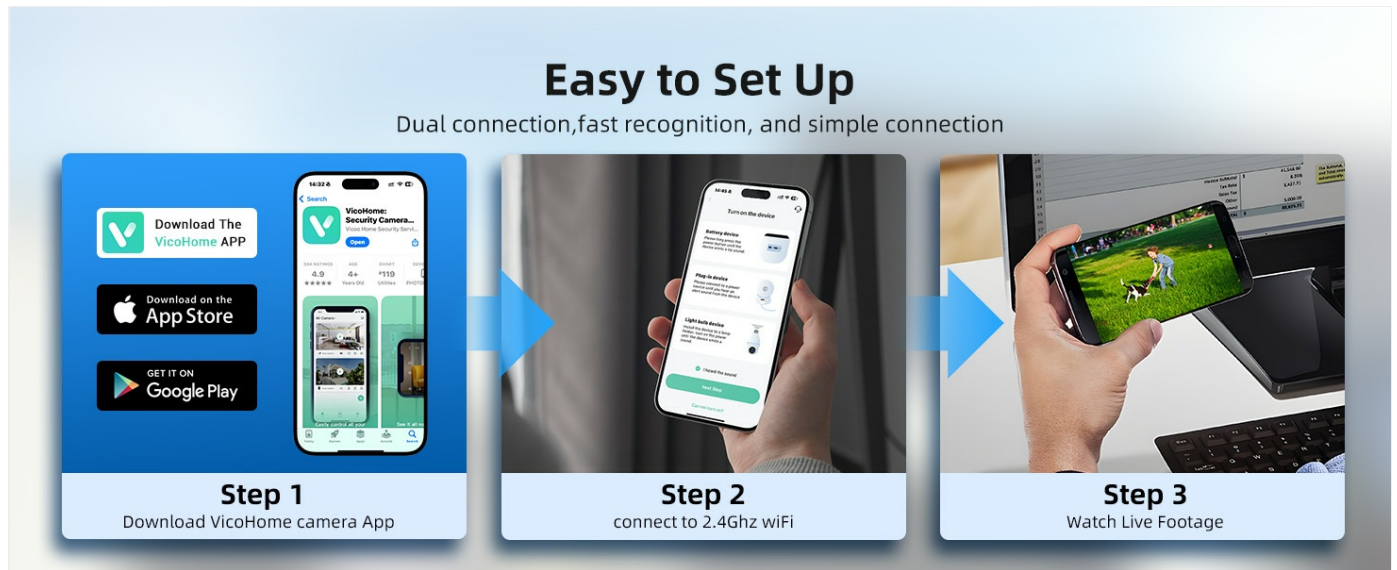


Image 5.8: Sharing camera access with family.

6. MAINTENANCE

6.1 Solar Panel Care

Ensure the solar panel remains clean and free of debris (dust, leaves, snow) to maximize charging efficiency. Periodically wipe the panel with a soft, damp cloth.

6.2 Battery Life

The camera's high-capacity rechargeable battery, combined with the solar panel, is designed for 365 days of uninterrupted operation under sufficient sunlight. In prolonged periods of low sunlight, the battery may require supplemental charging via the USB port.

6.3 Weather Resistance

The camera has an IP66 rating, meaning it is protected against dust ingress and powerful water jets. It is designed to withstand various outdoor weather conditions, including rain, sun, and snow, within an operating temperature range of -4°F to 122°F (-20°C to 50°C).



Image 6.1: Camera's adaptability to various weather conditions.

7. TROUBLESHOOTING

- **Camera not connecting to Wi-Fi:**
 - Ensure your Wi-Fi network is 2.4GHz. 5GHz networks are not supported.
 - Check Wi-Fi signal strength at the camera's location.
 - Verify the Wi-Fi password is correct.
 - Reset the camera and try pairing again.
- **Battery not charging:**
 - Ensure the solar panel is clean and receives direct sunlight for several hours daily.
 - Check the connection between the solar panel and the camera.
 - If solar charging is insufficient, charge the camera via the USB port.
- **Frequent false alarms:**
 - Adjust the PIR motion detection sensitivity in the Vicohome app.
 - Utilize custom alert zones (if subscribed) to focus detection on specific areas.
 - Ensure the camera is not pointed at busy roads or areas with constant movement (e.g., swaying trees in strong wind).
- **Poor video quality:**
 - Ensure the camera lens is clean.
 - Check your Wi-Fi connection speed and stability.
 - Adjust video resolution settings in the app if available.
- **Two-way talk audio issues:**
 - Ensure your phone's volume is up and the app has microphone permissions.
 - Check for obstructions near the camera's microphone and speaker.

8. SPECIFICATIONS

Model Name	CG6DB-30WSL
Video Capture Resolution	2K (2304x1296)

Connectivity Technology	Wireless (2.4GHz Wi-Fi only)
Power Source	Solar Powered / Battery Powered
Indoor/Outdoor Usage	Outdoor
International Protection Rating	IP66
Night Vision Range	33 Feet
Viewing Angle	110 Degrees
Storage Options	Micro SD (up to 128GB), Cloud Storage
Special Features	2-Way Audio, 2K HD Resolution, 365 Days No-Stop Solar Powered, AI Analysis Recognition, Rechargeable Battery, Color Night Vision, Siren Alarm
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Material	Polycarbonate (PC)
Item Weight	1.1 pounds

9. WARRANTY AND SUPPORT

Rocktone provides lifetime after-sales service for its products. For technical support, warranty claims, or further assistance, please contact Rocktone customer service through the official website or the contact information provided in your product packaging. Please retain your purchase receipt for warranty purposes.

This product is certified with FCC, CE, and ROHS standards.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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