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› CAMCAMP Wireless Solar Security Camera System User Manual

Camcamp SC14-B

CAMCAMP Wireless Solar Security Camera System User Manual

Model: SC14-B

1. INTRODUCTION

Thank you for choosing the CAMCAMP Wireless Solar Security Camera System. This system provides 2.5K/4MP high-resolution surveillance with 100% wire-free operation, powered by integrated solar panels and rechargeable batteries. It features PIR motion detection, two-way audio, and HDMI output for versatile monitoring. This manual will guide you through the setup, operation, and maintenance of your new security system to ensure optimal performance and peace of mind.

2. WHAT'S IN THE BOX

Please check the contents of your package. If any items are missing or damaged, please contact customer support.

- CAMCAMP Wireless Solar Security Cameras (2 units)
- Base Station (with HDMI output)
- Integrated Solar Panels (pre-attached to cameras)
- Mounting Hardware (screws, wall anchors)
- Power Adapter for Base Station
- Ethernet Cable
- USB Charging Cable
- User Manual (this document)



Figure 2.1: CAMCAMP Wireless Solar Security Camera System components.

3. SETUP

Follow these steps to set up your CAMCAMP Wireless Solar Security Camera System.

3.1 Initial Charging and Placement

While the cameras are solar-powered, it is recommended to fully charge them via the USB charging cable before initial use, especially if installing in an area with limited sunlight. Position the solar panels to receive maximum direct sunlight throughout the day for continuous power.



100% Wire-Free & Forever Power

Solar Panel + Rechargeable Battery, providing you with forever power for 365 days.



Integrated Solar Panel



Large Capacity Battery



Wire-Free

Figure 3.1: Camera with integrated solar panel for 100% wire-free operation.

3.2 Base Station Connection

Connect the base station to your router using the provided Ethernet cable for a stable wired connection, or configure it for 2.4G WiFi connection. The base station acts as the central hub for your cameras.

Easier Network Connection

Connection can be chosen more rationally according to the house layout.



WiFi Connection



Wired Connection



Figure 3.2: Base station network connection options (WiFi and wired).

3.3 App Installation and Pairing

Download the free “CloudEye” APP from your device’s app store. Follow the in-app instructions to add your base station and cameras. The cameras are typically pre-paired to the base station for easy setup.

3.4 HDMI Output Display

The base station includes an HDMI port, allowing you to connect it to a larger display such as a computer monitor, smart TV, or large LCD screen for live viewing of multiple camera feeds.

Newly Upgraded Base Station

Support HDMI Output



Up to 128GB



US Cloud Service



Figure 3.3: Base station connected to an external display via HDMI.

4. OPERATING YOUR SYSTEM

Understand the key features and how to operate your CAMCAMP security system.

4.1 PIR Motion Detection & Real-Time Alerts

The cameras utilize advanced PIR (Passive Infrared) detection to accurately distinguish between people and vehicles. Upon detecting motion, the system will immediately push notifications to your phone, and the events will be recorded and saved.

PIR Human Detection & APP Alerts

Quick Start Up Recording Video and APP Push When the PIR Sensor Works.



Figure 4.1: PIR Human Detection and App Alerts in action.

4.2 4MP/2.5K Night Vision & Wide Angle

Equipped with 2 infrared LEDs and a 4mm lens, the cameras provide crystal clear 3MP resolution images and videos. The 120° wide-angle view covers up to 32 feet, ensuring clear visibility even in semi-dark or full darkness with IR illumination.

IP65 Waterproof



Sunproof



Dustproof



Waterproof



Coldresistance



4MP Super HD Day & Night

Figure 4.2: 4MP Super HD Day & Night Vision capabilities.

4.3 Two-Way Audio

The built-in microphone and speakers enable two-way communication through the CloudEye APP. You can hear what's happening and speak to visitors or deter intruders directly from your smartphone.

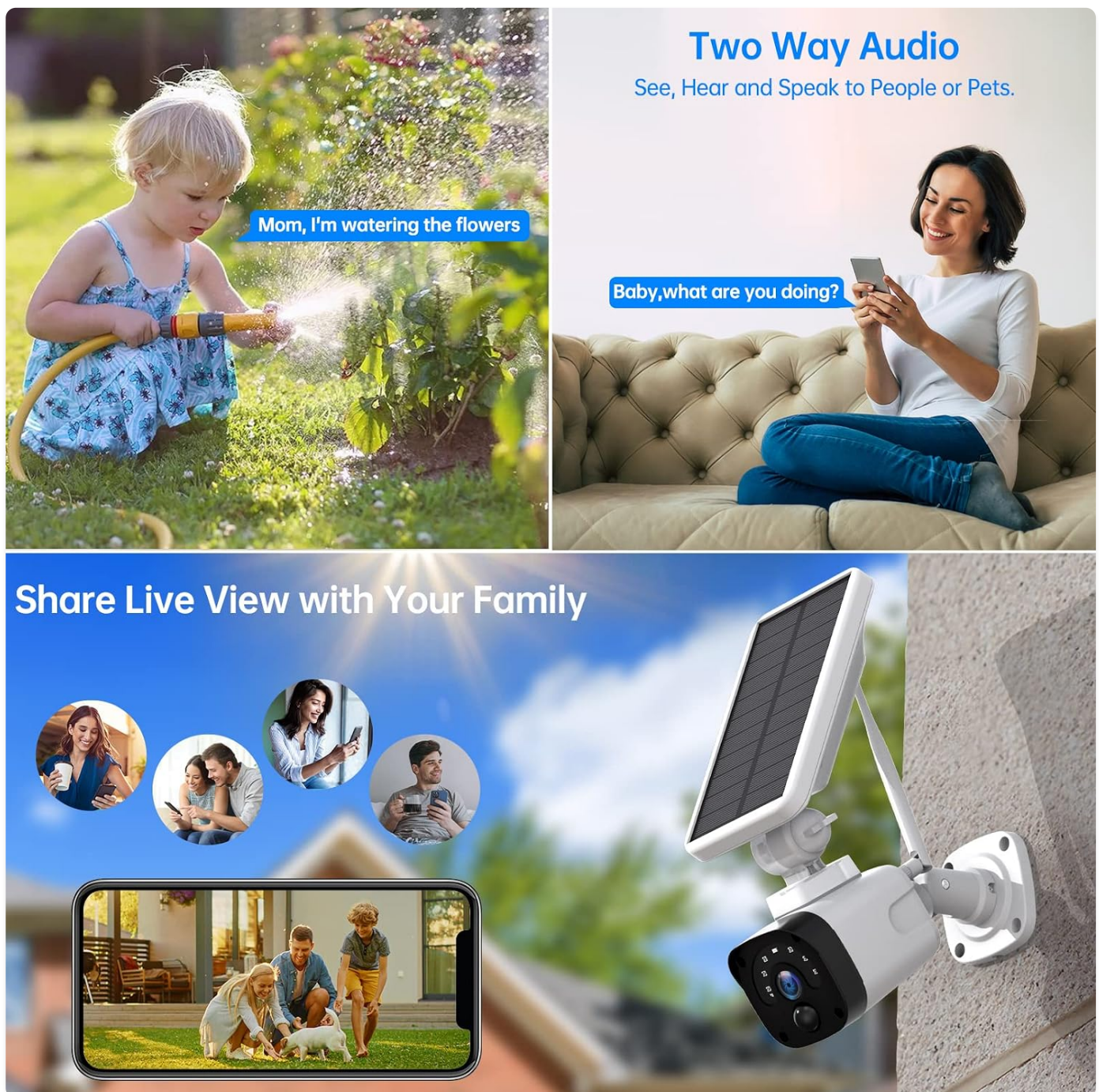


Figure 4.3: Two-Way Audio and Live View Sharing features.

4.4 Storage Methods

The system supports two storage methods for recorded videos: a Micro SD card (up to 128GB, not included) or optional cloud service. There are no mandatory subscription costs.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your security system.

5.1 Weather Resistance

The cameras are IP66 waterproof, designed to withstand various outdoor conditions, including sun, dust, rain, and cold. They operate effectively in temperatures ranging from -4°F to 122°F (-20°C to 50°C).

Notes: The base station **supports** both **2.4G WiFi** and wired connection to the network, so you can flexibly choose the connection method you want.

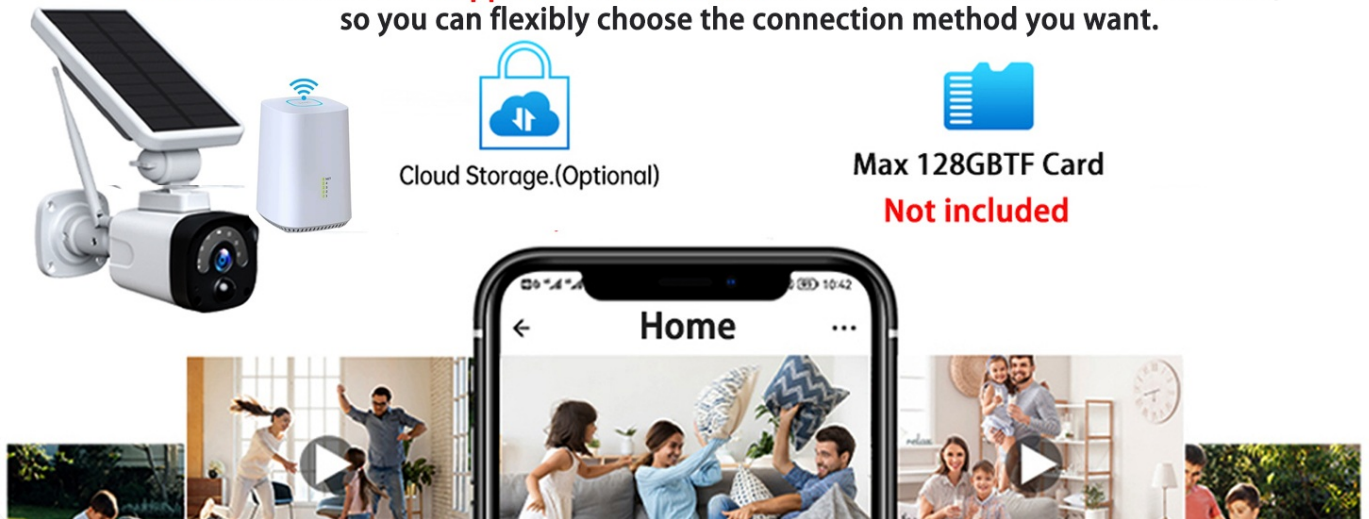


Figure 5.1: Cameras are designed for all-weather performance.

5.2 Solar Panel Care

Periodically clean the surface of the solar panels to remove dust, dirt, or debris that may obstruct sunlight and reduce charging efficiency. Use a soft, damp cloth for cleaning.

6. TROUBLESHOOTING

If you encounter issues with your CAMCAMP security system, refer to the following common troubleshooting tips:

- **No Power/Camera Offline:** Ensure solar panels are receiving adequate sunlight. Check the battery level in the app. If low, manually charge the camera using the USB cable. Verify the base station is powered on and connected to the network.
- **Poor Video Quality:** Check your Wi-Fi signal strength. Ensure there are no obstructions between the camera and the base station. Clean the camera lens.
- **Motion Detection Issues:** Adjust the PIR sensitivity settings in the app. Ensure the camera's field of view is clear of moving objects that might cause false alarms (e.g., tree branches).
- **No Audio/Poor Two-Way Audio:** Check microphone and speaker settings in the app. Ensure there are no physical obstructions blocking the microphone or speaker on the camera.
- **App Connectivity Problems:** Ensure your smartphone has a stable internet connection. Restart the CloudEye app. Restart the base station and your home router.

For more detailed troubleshooting or persistent issues, please contact customer support.

7. SPECIFICATIONS

Detailed technical specifications for the CAMCAMP Wireless Solar Security Camera System.

Feature	Specification
Indoor/Outdoor Usage	Outdoor

Compatible Devices	TV, computer, Android, iOS, Tablet
Power Source	Solar Powered
Connectivity Protocol	Wi-Fi
Controller Type	HDMI base
Mounting Type	Wall Mount
Video Capture Resolution	1440p (2.5K/4MP)
Number of Items	2 (cameras)
Number of Channels	2
Wireless Communication Technology	Wi-Fi
Form Factor	Bullet
Viewing Angle	120 Degrees
Installation Type	Wall-Mounted
Night Vision Range	100 Feet
Upper Temperature Rating	50 Degrees Celsius (122°F)
Lower Temperature Rating	-20 Degrees Celsius (-4°F)
Frame Rate	24 FPS or higher
Wattage	1 watts
Item dimensions L x W x H	10 x 9 x 12 inches
Item Weight	3.83 pounds
Batteries Required?	No (integrated rechargeable batteries)
Focus Type	Manual Focus
Low light technology	Night Color
Zoom Type	Digital Zoom
Alert Type	Audio and Motion
Video Capture Format	MJPEG
Specific Uses For Product	Inside, Outside
Effective Still Resolution	4 MP
International Protection Rating	IP66
Maximum Webcam Image Resolution	4 MP
Control Method	App
UPC	712109872869

Model Name	SC14-B
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8. WARRANTY AND CUSTOMER SUPPORT

CAMCAMP is committed to providing reliable security products and excellent customer service.

8.1 Warranty Information

Your CAMCAMP Wireless Solar Security Camera System comes with a 365-day warranty from the date of purchase. We also offer a 30-day free return policy to ensure your risk-free purchase.

8.2 Contacting Support

If you have any questions, require technical assistance, or need support regarding installation or usage, please do not hesitate to contact our dedicated customer support team:

Phone: (626)-420-9375

Operating Hours: Monday - Friday, 9:00 AM - 5:00 PM GMT-8

Email: SC@yooomail.com

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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