

Camcamp SC42XCHXUS-F

Camcamp Solar Security Camera System User Manual

Model: SC42XCHXUS-F

1. INTRODUCTION

Thank you for choosing the Camcamp Solar Security Camera System. This comprehensive wireless surveillance solution provides advanced features for monitoring your property with ease. Designed for both indoor and outdoor use, this system offers high-resolution video, intelligent motion detection, two-way audio communication, and flexible storage options, all powered by solar energy for continuous operation.

This manual will guide you through the setup, operation, and maintenance of your new security system, ensuring you get the most out of its capabilities. Please read these instructions carefully before installation and retain them for future reference.



Image: The complete Camcamp Solar Security Camera System, including the 7-inch touchscreen monitor, four solar-powered wireless cameras, and a 64GB Micro SD card.

2. WHAT'S IN THE BOX?

Please verify that all components are present and in good condition upon opening the package. If any items are missing or damaged, contact Camcamp customer support.

- 1 x Package Box
- 1 x 7-inch Touch Screen Monitor (NVR)
- 4 x Solar Battery Cameras
- 1 x USB Mouse
- 1 x 5V2A Power Adapter

- 4 x 3ft Type-C Cables
- 4 x Camera Bracket & Screws Sets
- 1 x User Manual

What's in the Box?



Package



7in Touch Screen



Solar Battery Camera*4



USB Mouse
x1



5V2A Power
Adapter x1



3ft Type-C
Cable x4



Camera Bracket &
Screws Set x4



User
Manual x1

Image: A clear layout of all items included in the Camcamp Solar Security Camera System package, showing the monitor, cameras, cables, and accessories.

3. SETUP GUIDE

3.1 Initial Charging and Power On

Before first use, ensure the NVR monitor and cameras are sufficiently charged. Connect the 5V2A power adapter to the NVR monitor. The cameras are solar-powered and have built-in rechargeable batteries. For initial setup or if the battery is low, charge the cameras using the provided Type-C cables.

3.2 Camera Placement and Installation

The cameras are 100% wire-free, offering flexible placement. Choose locations with optimal sunlight exposure for continuous solar charging. Ensure the cameras are within the 2.4GHz Wi-Fi range of the NVR monitor for stable connection. Use the provided camera brackets and screws for secure mounting.

- **Optimal Sunlight:** Position cameras where they receive at least 3 hours of direct sunlight daily.
- **Wi-Fi Range:** While the system works locally without internet, the cameras connect wirelessly to the NVR. Ensure good signal strength.
- **Mounting:** Securely attach the camera brackets to a wall or desired surface using the provided screws. Adjust the camera angle for optimal viewing.

Why Choose Our Solar Surveillance System

100% Wire-Free Installation Without Any Fees

Solar Powered & Built-in Rechargeable Battery



Compatible With Multi-Device Access



Remote Access via 2.4GHz WiFi



Local Viewing Without WiFi

Image: A Camcam solar security camera mounted on an exterior wall, illustrating its wire-free design and integrated solar panel for continuous power.

Enhanced WiFi Signal

Equipped with high-gain 5dbi dual-antennas and 2.4G WiFi transmission, stable network signal, fast transmission speed, and strong anti-interference ability.



Image: A cutaway diagram of a house illustrating the enhanced Wi-Fi signal coverage provided by the NVR monitor and cameras, ensuring stable connections throughout the property.

3.3 NVR Monitor Setup

The 7-inch NVR monitor is pre-paired with the cameras for plug-and-play functionality. Simply power on the monitor, and it will automatically connect to the cameras.

- **Local Viewing:** The system works locally without internet. Connect the USB mouse to the NVR for navigation.
- **Remote Access (Optional):** To enable remote viewing via the CloudEye 365 APP, connect the NVR monitor to your 2.4GHz Wi-Fi network.

4. OPERATING INSTRUCTIONS

4.1 Monitor Interface and Viewing Modes

The 7-inch touchscreen monitor allows intuitive control. You can switch between different viewing modes to suit your needs:

- **Full-Screen View:** Displays one camera feed at a time.
- **Dual-Screen View:** Shows two camera feeds simultaneously.
- **Quad-Screen View:** Displays all four camera feeds at once.



Full-Screen View



Dual-Screen View



Quad-Screen View

Image: The CamcAMP 7-inch monitor showcasing its ability to display camera feeds in full-screen, dual-screen, and quad-screen layouts for versatile monitoring.

4.2 Two-Way Audio Communication

Both the NVR monitor and the cameras are equipped with built-in microphones and speakers, enabling two-way audio. You can speak to visitors or deter intruders directly through the monitor or the CloudEye 365 APP.

2-Way Audio

7" Touch Screen / CloudEye 365 / Speak / Microphone

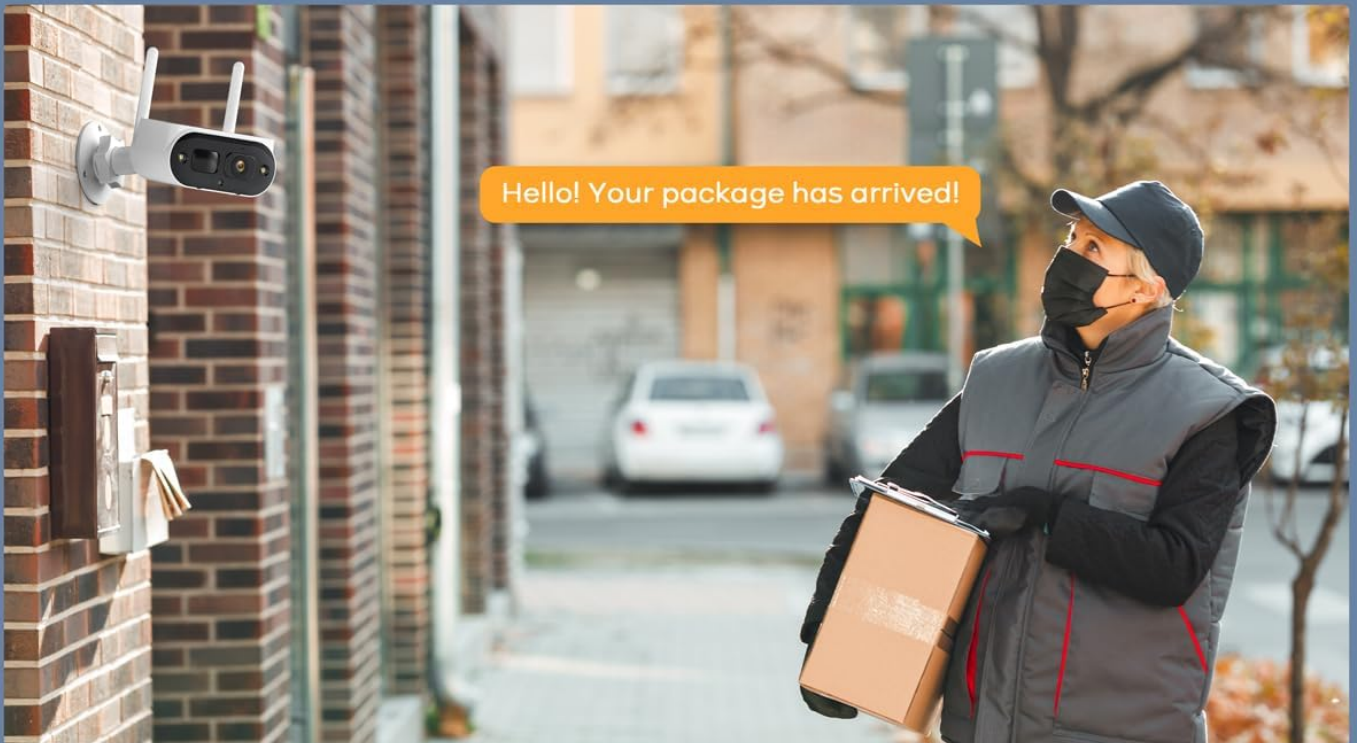


Image: A delivery person at a door, with a speech bubble indicating communication through the Camcamp camera, and a hand interacting with the monitor for two-way audio.

4.3 Smart AI Motion Detection and Alerts

The system features PIR sensors and AI detection to accurately identify human movement, reducing false alarms. When motion is detected, you will receive instant alerts on your phone via the CloudEye 365 APP.

- **Customized Detection Zones:** Define specific areas on the screen where you want motion detection to be active,

focusing on critical zones and ignoring irrelevant movements.

- **Light Alarm:** The cameras can trigger a light alarm upon motion detection, especially useful at night to deter intruders.

Smart Human Detection

It is only triggered when a human body appears within the camera's view range

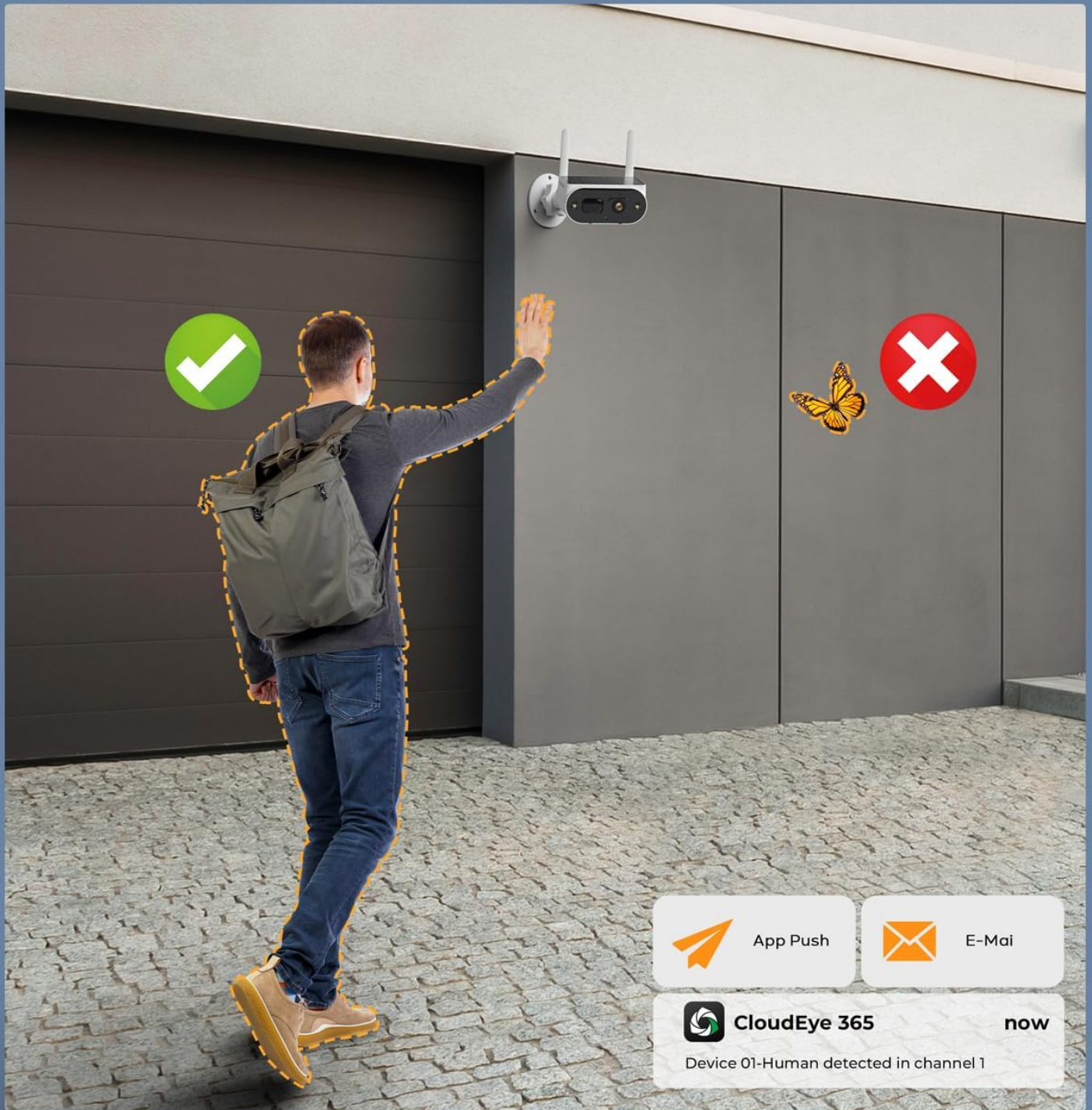


Image: An illustration demonstrating the smart human detection feature, showing the system correctly identifying a person while ignoring a non-human object like a butterfly.

Customized Detection Zone

By draw customized activity zones, irrelevant information outside the area is filtered out. Key focus on the areas you care about.



Image: A visual representation of a customized motion detection zone on a driveway, indicating how users can define specific areas for monitoring.



Image: A night scene showing a Camcamp camera's spotlight illuminating an area, with a warning message, demonstrating its light alarm feature to deter potential intruders.

4.4 Recording and Storage

The system comes with a pre-installed 64GB Micro SD card for local storage, supporting up to 128GB. Cloud storage is also available as an optional service.

- **Motion Detection Recording:** Cameras record only when motion is detected, saving storage space.
- **24/7 Continuous Recording:** If desired, cameras can be set to record continuously by plugging them into a power outlet.
- **Local Playback:** Review recorded footage directly on the NVR monitor.
- **Remote Playback:** Access and review recordings remotely via the CloudEye 365 APP.

Local Playback & Remote Access

APP Remote Access

(NVR Screen Connects to 2.4Ghz WiFi First.)



Local Viewing Without WiFi

(Auto Paired & Plug and Play)



Image: A split image illustrating both local playback on the NVR monitor (with a mouse) and remote access via the CloudEye 365 app on various smart devices.



Image: A side-by-side comparison showing motion detection recording (camera records only when motion is detected) and 24/7 continuous recording (camera plugged into power).

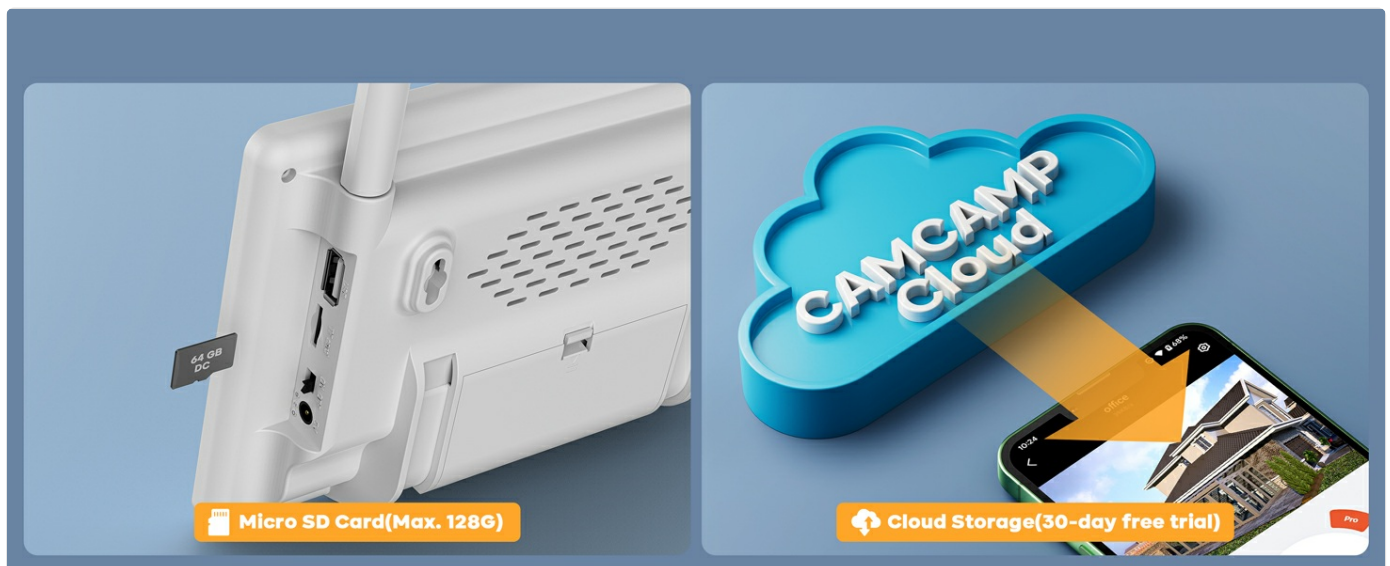


Image: A visual representation of the NVR monitor's Micro SD card slot (supporting up to 128GB) and the optional Camcamp Cloud storage service.

4.5 Night Vision

The 4MP cameras provide clear vision even in complete darkness, with options for color night vision using dual LED light sources or infrared LED for discreet monitoring.



Image: A comparison showing the Camcamp camera's night vision capabilities with the spotlight on (color night vision) and off (infrared black and white night vision).

4.6 Multi-User Sharing

Share access to your security system with family members or trusted individuals through the CloudEye 365 APP, allowing multiple users to monitor the property simultaneously.



Image: An illustration depicting multiple user profiles connected to a central smartphone, symbolizing the multi-user sharing capability of the Camcamp system.

4.7 Works with Alexa

Integrate your Camcamp system with Alexa-enabled devices for convenient voice control and viewing on compatible smart displays.



Image: An Alexa smart display showing a live feed from a Camcamp camera, demonstrating compatibility with Alexa for smart home integration.

5. MAINTENANCE

5.1 Solar Panel Care

To ensure optimal charging efficiency, regularly clean the solar panels on the cameras to remove dust, dirt, or debris. A soft, damp cloth is sufficient for cleaning.



Image: A Camcamp solar camera mounted on a wall, with arrows indicating sunlight hitting the solar panel, emphasizing its 365-day non-stop power supply feature.

5.2 Weather Resistance (IP66 Waterproof)

The cameras are rated IP66 waterproof, designed to withstand various weather conditions including rain, snow, and dust. While robust, avoid submerging the cameras in water.

IP66 Waterproof

Day or night, rain or shine, be prepared for any condition



Image: Two scenes showing a Camcamp camera outdoors, one in heavy rain with lightning and another covered in snow, illustrating its IP66 waterproof and weather-resistant design.

5.3 Battery Management

The cameras have built-in rechargeable batteries that store solar energy. If the camera is placed in an area with insufficient sunlight, or during prolonged cloudy periods, the battery may deplete. You can manually charge the cameras using the provided Type-C cables if needed.

6. TROUBLESHOOTING

6.1 No Image on Monitor

- Ensure the NVR monitor is powered on and fully charged.
- Check if cameras are powered on and within range of the NVR.
- Verify camera batteries are charged (check solar panel exposure).
- If cameras were moved, they might need to re-establish connection.

6.2 Poor Video Quality

- Clean the camera lens with a soft cloth.
- Ensure there are no obstructions in the camera's field of view.
- Check Wi-Fi signal strength between the camera and NVR. Relocate if necessary.

6.3 Motion Detection Not Working

- Verify motion detection is enabled in the NVR settings.
- Adjust sensitivity settings.
- Ensure the detection zone is correctly configured and covers the desired area.
- Check for obstructions blocking the PIR sensor.

6.4 Cannot Connect to CloudEye 365 APP

- Ensure the NVR monitor is connected to a 2.4GHz Wi-Fi network. (5GHz is not supported).
- Check your home Wi-Fi network status.
- Restart the NVR monitor and your router.
- Ensure the CloudEye 365 APP is updated to the latest version.

7. SPECIFICATIONS

Feature	Specification
Brand	Camcamp
Model Number	SC42XCHXUS-F
Connectivity Technology	Wireless (2.4GHz WiFi)
Video Capture Resolution	4MP / 2.5K (1296p)
Special Features	Two-Way Audio, PIR Motion Detection, Color Night Vision, Light Alarm, Solar Powered
Number of Cameras	4

Feature	Specification
Monitor Size	7-inch Touchscreen
Memory Storage Capacity	64 GB Micro SD (expandable to 128 GB)
Power Source	Solar Powered (Cameras), AC Adapter (NVR)
Item Dimensions (L x W x H)	6.7 x 12 x 7.6 inches
Item Weight	5.59 pounds
Waterproof Rating	IP66
Compatible Devices	Smartphones (via CloudEye 365 APP), Alexa-enabled devices
Frame Rate	25 fps, 30 fps, 60 fps
Recording Mode	Motion Detection, Continuous (with power adapter)

8. WARRANTY AND SUPPORT

Camcamp offers a **365-day warranty** for the Solar Security Camera System. We also provide lifetime technical support to ensure your satisfaction.

If you encounter any problems during the use of your product, or have any questions, please do not hesitate to contact our dedicated after-sales team. Our professional technical support staff will be happy to assist you.

For support, please visit the official Camcamp website or refer to the contact information provided in your product packaging.

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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