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Solareye TCYW

Solareye Wildlife Camera User Manual

Model: TCYW

Brand: Solareye

INTRODUCTION

Thank you for choosing the Solareye Wildlife Camera. This advanced camera is designed for outdoor surveillance and wildlife observation, featuring high-resolution imaging, reliable motion detection, and versatile power options. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance.

WHAT'S IN THE Box

Please check the package contents to ensure all items are present:

- Solareye Wildlife Camera
- Solar Panel
- 32GB SD Card
- Mounting Strap
- USB-C Cable
- Mounting Brackets
- Metal Base
- Screws and Wall Plugs
- User Manual

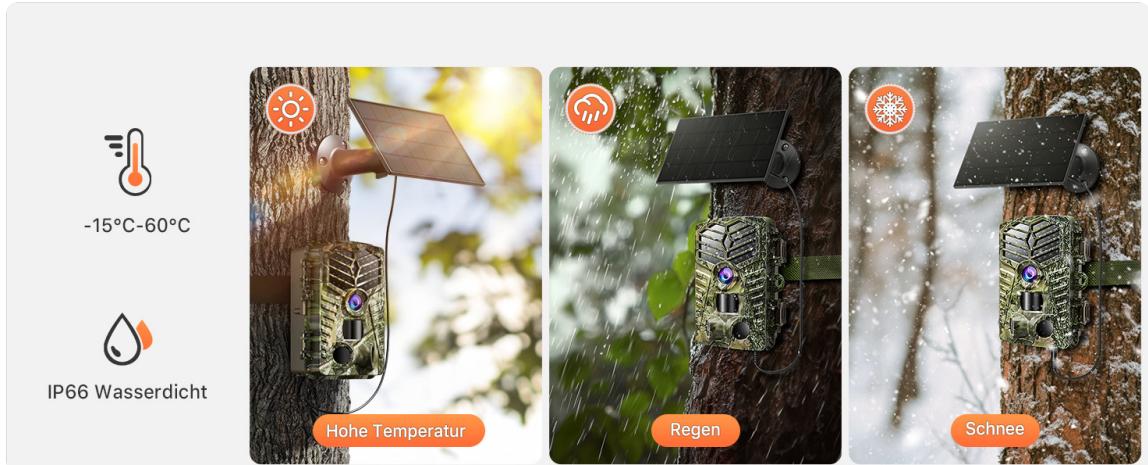


Image: All components included in the Solareye Wildlife Camera package.

SETUP

1. Power Supply Options

The Solareye Wildlife Camera offers multiple power options:

- **Built-in 5000mAh Lithium Battery:** Powers the camera via the external solar panel.
- **USB-C Rechargeable:** The camera can be recharged using the included USB-C cable.
- **4 AA Batteries (Not Included):** Can be used as an emergency power supply.

Lange Nutzungsdauer im Freien, 3 Stromversorgungsmethoden



Image: Visual representation of the three power supply methods: solar panel, USB-C cable, and AA batteries.

2. SD Card Installation

Insert the included 32GB SD card into the designated slot. Ensure it is inserted correctly until it clicks into place.

3. Mounting the Camera

Use the provided mounting strap or brackets to secure the camera and solar panel to a tree or other suitable surface. Position the solar panel to receive maximum sunlight for continuous charging.

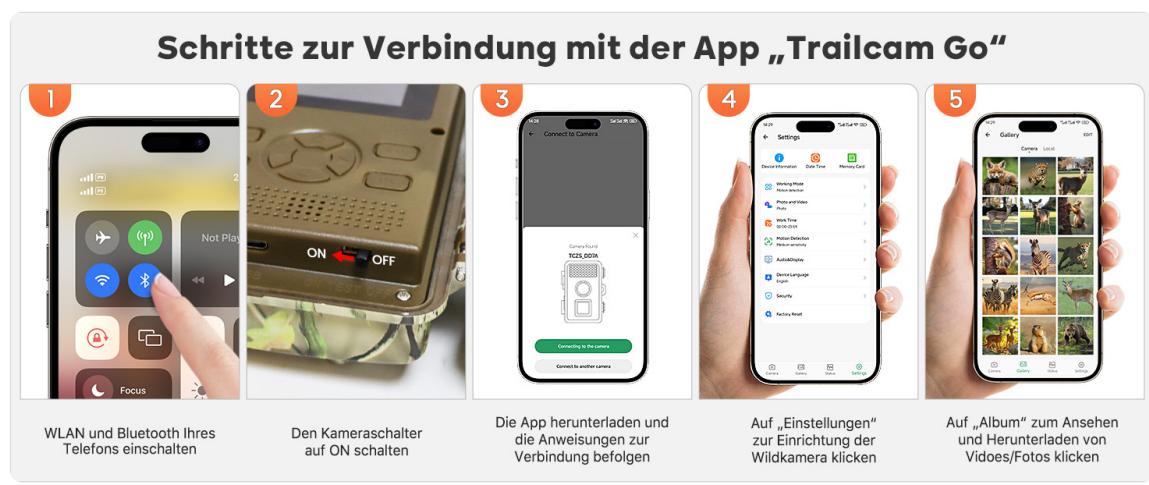


Image: Steps for quick installation, including inserting batteries and SD card, and setting the camera mode.

OPERATING INSTRUCTIONS

Camera Modes

- **OFF:** Camera is powered off.
- **TEST:** The screen lights up, allowing you to set the operating mode, parameters, and other settings.
- **ON:** Wait 10 seconds for the screen to turn off and the camera to switch to motion detection mode.

Note: For first-time use, switch to TEST mode to set camera parameters, operating time, video/photo resolution, and other settings. Then switch to ON mode for the camera to enter motion detection mode and the screen to turn off.

App Connectivity (Trailcam Go App)

The Solareye Wildlife Camera offers remote access via the "Trailcam Go" app. Follow these steps to connect:

1. Enable Wi-Fi and Bluetooth on your smartphone.
2. Switch the camera's power switch to ON.
3. Download the "Trailcam Go" app and follow the connection instructions.
4. Click on "Settings" to configure the wildlife camera.
5. Go to "Album" to view and download videos/photos.

Important Note: The camera connects directly via its integrated Wi-Fi and Bluetooth. It **does not support** connection to home routers. The effective Wi-Fi range is up to 15 meters (50 feet).

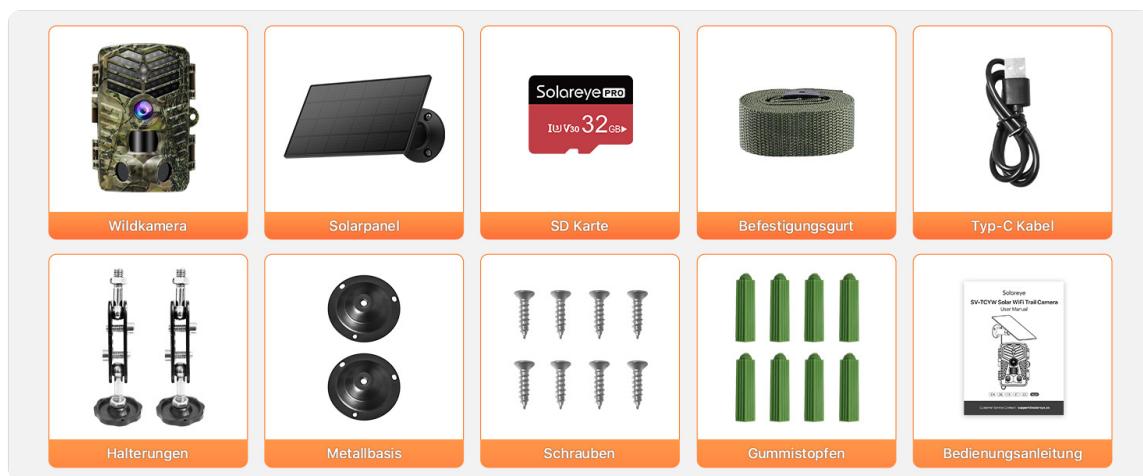


Image: Step-by-step guide for connecting the camera to the "Trailcam Go" app.

WLAN Verbindung & App Fernzugriff

Hinweis: Unterstützt keine Verbindung zu Heimroutern



Live Video
ansehen



Verbindung zur
Kamera-WLAN
(innerhalb von
15 Metern)



Videos
herunterladen

Image: Illustration of Wi-Fi connection and app remote access, highlighting the 15-meter range.

KEY FEATURES

High-Resolution Imaging

Capture stunning details with **2.7K video resolution** and **48MP photo resolution**. The camera ensures clear and vibrant recordings for both day and night.

Kontinuierliche Stromversorgung durch externes Solarpanel

Das 3W Solarpanel und die eingebaute 5000mAh Lithiumbatterie versorgen die Kamera kontinuierlich mit Strom. Sie müssen keine AA-Batterien austauschen, um Unannehmlichkeiten zu vermeiden.



Image: Examples of 2.7K video and 48MP photo quality.

Motion Detection & Coverage

The camera features a rapid **0.2-second trigger speed** and can capture **1-5 photo bursts**, ensuring you don't miss any critical moments. It boasts a wide **120° detection angle** and a detection distance of **25 meters**, allowing for easy monitoring of large areas.



Image: Demonstration of the camera's ultra-fast 0.2-second trigger speed.

120° Erfassungsbereich

Die Solar Wildkamera WLAN verfügt über 3 integrierte PIRs mit einem Erfassungsbereich von bis zu 120° und einer Erfassungsentfernung von 25 Metern.



Image: Visual representation of the camera's 120-degree detection range.

Excellent Night Vision

Equipped with non-glowing **40-940nm infrared light**, the camera is discreet and does not disturb animals at night. It features fill light technology to prevent overexposure or dimming, capturing high-

brightness, high-resolution, low-noise black and white images in the dark. The night vision range extends up to **20 meters**.

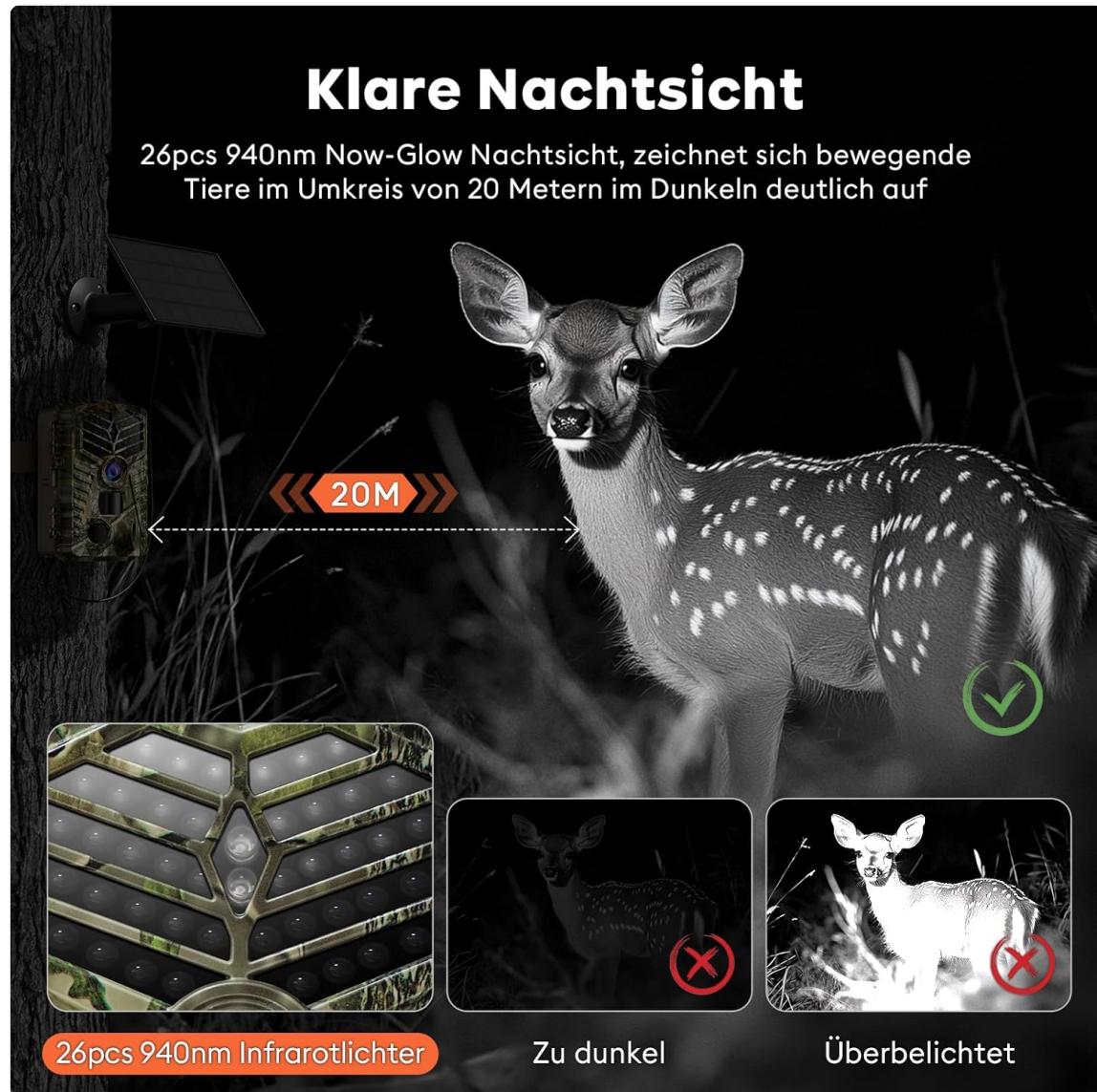


Image: Demonstration of clear night vision with 940nm non-glowing infrared lights.

Continuous Power Supply

The 3W solar panel and built-in 5000mAh lithium battery provide continuous power, reducing the need to frequently change AA batteries.

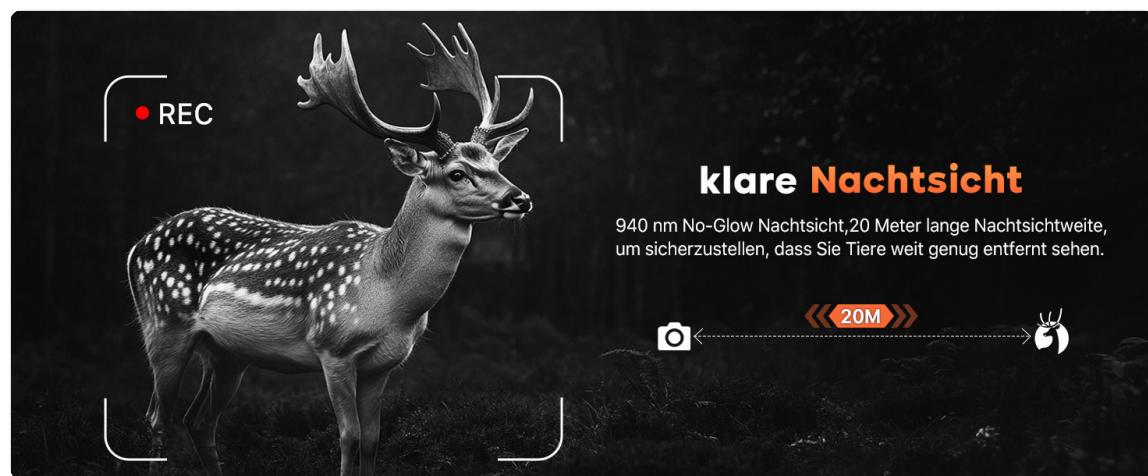


Image: The solar panel provides continuous power to the camera's built-in 5000mAh lithium battery.

Durability & Weather Resistance

The camera is rated **IP66 waterproof**, making it highly resistant to rain, snow, and dust. It operates reliably in temperatures ranging from **-20°C to +60°C**.

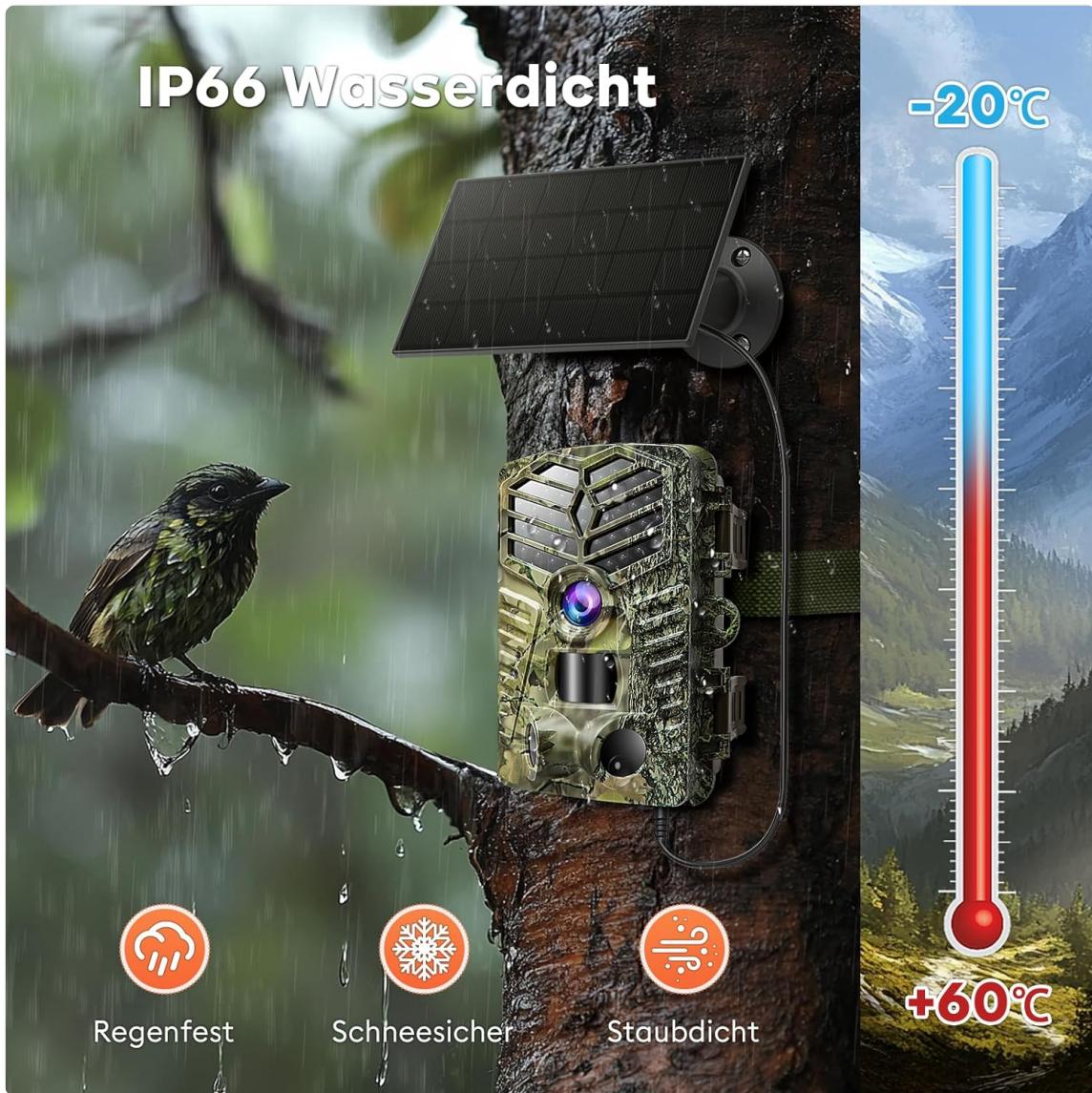


Image: The camera's IP66 waterproof rating ensures performance in various weather conditions.

Additional Functions

The camera includes various useful functions such as time-lapse recording, timed recording, continuous shooting, audio recording, and password protection.

MAINTENANCE

To ensure the longevity and optimal performance of your Solareye Wildlife Camera, follow these maintenance guidelines:

- Cleaning:** Regularly clean the camera lens and PIR sensors with a soft, dry cloth to remove dust, dirt, or moisture. Avoid abrasive materials or harsh chemicals.
- Battery Check:** If using AA batteries, check their charge level periodically, especially before extended periods of use.

- **Solar Panel:** Ensure the solar panel is clean and free from obstructions (leaves, snow) to maximize charging efficiency.
- **Storage:** When not in use for extended periods, store the camera in a cool, dry place.

TROUBLESHOOTING

If you encounter issues with your Solareye Wildlife Camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not powering on.	Low battery, incorrect battery installation, power switch in OFF position.	Charge the built-in battery via USB-C or solar panel. Ensure AA batteries (if used) are correctly inserted and charged. Set power switch to ON or TEST.
Poor image/video quality at night.	Lens obstruction, condensation, subject too far, IR lights blocked.	Clean the camera lens. Ensure no condensation is present. Check night vision range (20m). Ensure IR lights are not obstructed.
WiFi connection issues with app.	Out of range, incorrect app connection steps, interference.	Ensure you are within 15 meters of the camera. Re-follow the app connection steps carefully. Avoid strong interference sources. Remember, it does not connect to home routers.
Solar panel not charging.	Insufficient sunlight, panel obstruction, faulty connection.	Relocate the solar panel to an area with direct sunlight. Clear any debris from the panel surface. Check the connection cable between the panel and camera.
Camera not detecting motion.	PIR sensor obstructed, incorrect sensitivity settings, subject out of range.	Ensure the PIR sensors are clear. Adjust motion sensitivity settings in TEST mode. Verify subject is within the 25-meter detection range and 120° angle.

SPECIFICATIONS

Feature	Detail
Model Number	TCYW

Feature	Detail
Video Capture Resolution	2.7K
Photo Resolution	48MP
Power Source	Solar Powered (Built-in 5000mAh Lithium Battery), USB-C, 4x AA Batteries (not included)
Connectivity Technology	Wi-Fi, Bluetooth
App Connection Range	15 Meters
Night Vision Range	20 Meters
Detection Angle	120°
Detection Distance	25 Meters
Trigger Speed	0.2 Seconds
Water Resistance Level	IP66 Waterproof
Operating Temperature	-20°C to +60°C
Included SD Card	32GB
Item Dimensions (L x W x H)	10.2 x 8.1 x 13.8 cm
Weight	258 Grams
Material	Plastic

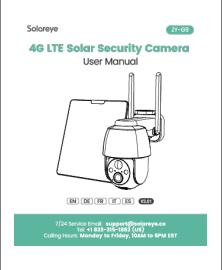
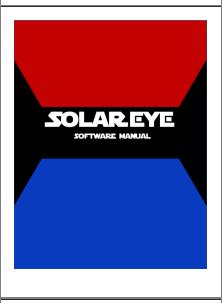
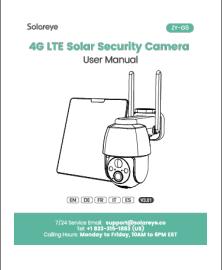
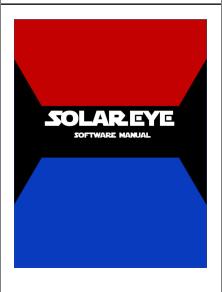
WARRANTY AND SUPPORT

The Solareye Wildlife Camera comes with a standard **1-year warranty**. This warranty can be extended to **2 years** by registering your product. Please refer to the product packaging or the included warranty card for registration details.

For any technical assistance, troubleshooting, or warranty claims, please contact Solareye customer support. Our dedicated support team is available to provide prompt and helpful solutions.

Contact Information: Please refer to the contact details provided on the Solareye official website or the product packaging.

Related Documents - TCYW

	<p><u>Solareye ZY-G9 4G LTE Solar Security Camera User Manual</u> Comprehensive user manual for the Solareye ZY-G9 4G LTE Solar Security Camera, covering setup, installation, features, troubleshooting, and FAQs.</p>
	<p><u>SolarEYE Software Manual v4</u> This manual provides a comprehensive guide to the SolarEYE luminescence imaging hardware and software analysis platform. It covers installation, usage, and analysis routines for various solar cell types, including bifacial, PERC, and single solar cells.</p>
	<p><u>Solareye ZY-G9 4G LTE Solar Security Camera User Manual</u> Comprehensive user manual for the Solareye ZY-G9 4G LTE Solar Security Camera, covering setup, installation, features, troubleshooting, and FAQs.</p>
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