

## COOAU AR-W607

# COOAU 4G LTE Solar Powered Outdoor Security Camera AR-W607 Instruction Manual

## 1. INTRODUCTION

Thank you for choosing the COOAU 4G LTE Solar Powered Outdoor Security Camera AR-W607. This manual provides essential information for the proper installation, operation, and maintenance of your new security camera. Please read this manual thoroughly before use and keep it for future reference.

The AR-W607 is a versatile outdoor surveillance solution designed for areas without traditional wired power or Wi-Fi access. Featuring 4G LTE connectivity, solar power, 3-megapixel high-resolution video, 360° pan-tilt-zoom (PTZ) functionality, full-color night vision, PIR motion detection, and two-way audio, it offers comprehensive monitoring and security.

## 2. PACKAGE CONTENTS

Please check the package for the following items:

- Solar Powered Security Camera Body ×1
- Solar Panel ×1
- Mounting Stand ×1
- Screws, Anchors ×5
- Japanese Instruction Manual ×1
- USB Cable ×1
- Drilling Position Stickers ×2

## 3. PRODUCT FEATURES

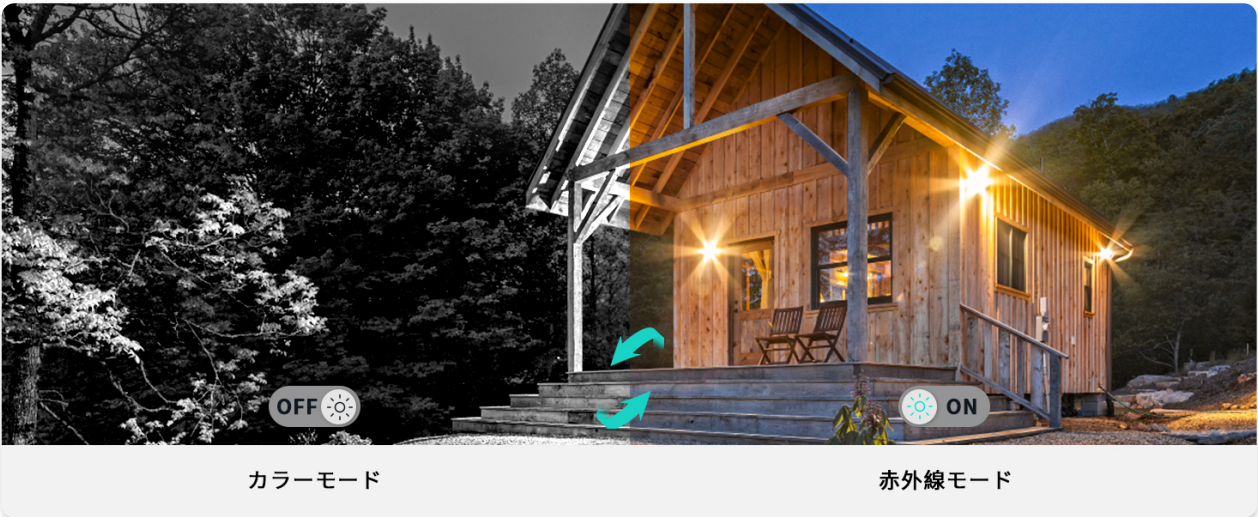
### 3.1. 4G LTE Connectivity & Solar Power

The outdoor security camera utilizes an internal SIM card for data communication, making it ideal for locations without wired cables or Wi-Fi. Communication quality is more stable than Wi-Fi, ensuring clear recording. The SIM card includes 100MB of free data for immediate use upon arrival. Equipped with a high-quality monocrystalline solar panel, it achieves a high solar energy conversion efficiency of up to 19.5%, operating

365 days a year without electricity costs. Solar power eliminates the need for power installation work. It can be easily installed in various locations without electricity or Wi-Fi, such as gardens, parking lots, unmanned warehouses, and construction sites.



This image displays the COOAU 4G LTE Solar Powered Security Camera mounted with its solar panel, highlighting its 4G connectivity and wireless operation. It shows various outdoor scenarios where the camera can be used, such as a garden, parking lot, and construction site.



This diagram shows the camera connected to a 5W solar panel, indicating its ability to rotate 350 degrees horizontally and 90 degrees vertically for comprehensive 360-degree surveillance. It emphasizes continuous operation through solar power.

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This video demonstrates the COOAU outdoor solar-powered wireless security camera, highlighting its easy setup, Wi-Fi 6 signal enhancement, and simple installation process. It showcases how the camera can be mounted and powered by solar energy, providing a completely wireless surveillance solution.

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This video illustrates the functionality of a security camera that operates without Wi-Fi, using a SIM card for connectivity. It shows the process of inserting a SIM card and the camera's operation in various outdoor settings, emphasizing its independence from traditional network infrastructure.

### 3.2. High-Resolution & Full-Color Night Vision

This wireless security camera supports 3-megapixel high-definition recording, allowing clear capture of facial details even from a distance. For warehouses, factories, construction sites, and other locations that are completely dark at night, it can record vivid color images, capturing details like clothing colors of suspicious individuals, which is useful for investigations. Additionally, bright LED lights serve as deterrents, providing

excellent intimidation when suspicious individuals are detected. This security camera operates continuously day and night, preventing theft of materials and vehicle vandalism.



This image highlights the camera's 3-megapixel high-resolution capability, allowing for clear capture of fine details, such as a person's facial expressions, even from a distance of approximately 15 meters.



This image demonstrates the camera's 24-hour full-color night vision, featuring four infrared LEDs and sensor lights. It shows a comparison between color night vision (ON) and infrared night vision (OFF), emphasizing the ability to record clear color images even in complete darkness, which helps identify details like clothing color.

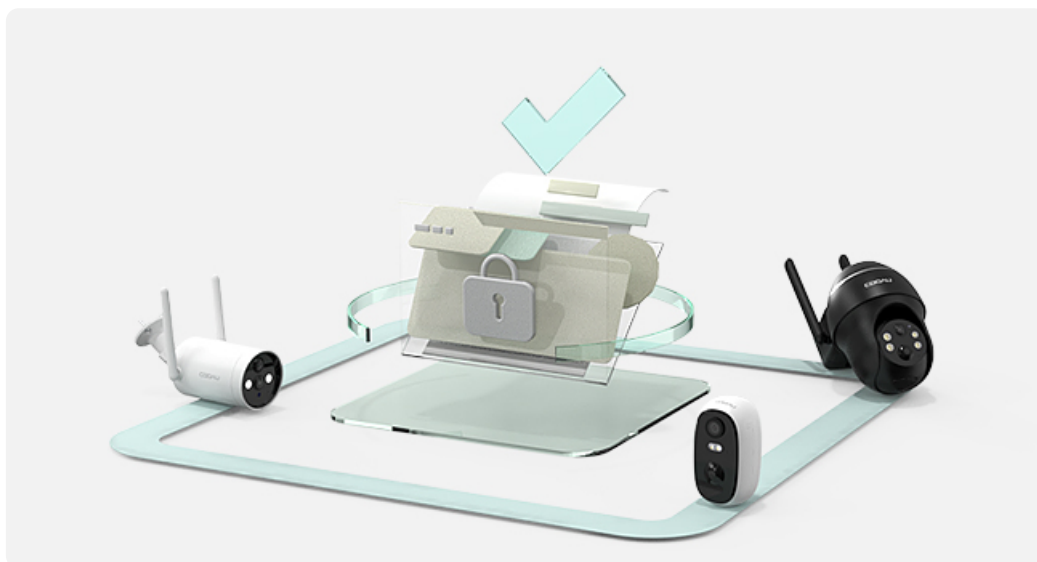
### 3.3. PIR Motion Detection & Local/Cloud Storage

The solar surveillance camera is equipped with extensive detection functions, including PIR human detection, motion detection, and specific area detection. When movement of a person or animal with heat is detected within the set area, a push notification with a photo is immediately sent to inform you of the situation. This allows for early response to anomalies even when you are away. For security purposes, whether you are out or indoors, you can monitor your entryway, garden, and other areas around your home with peace of mind, 24 hours a day. Simultaneously with detection, recording automatically starts on the built-in 64GB MicroSD card. When checking recorded images on your smartphone, you can efficiently review images by selecting only the dates and times when movement occurred. It can also be used to record evidence for resolving issues such as illegal dumping of trash or vehicle mischief.





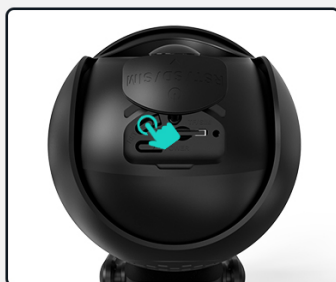
This image illustrates the camera's PIR human detection and instant alert system. When movement from a person or animal is detected within the set area, a push notification with a photo is sent to the smartphone, allowing for immediate situation awareness.



This image displays a timeline of recorded events, highlighting how the camera captures and stores important moments triggered by PIR motion detection. It shows various detection scenarios, including a person, a house, and a cat.

## スマホで"かんたん"登録、監視！

接続から視聴まで3ステップ！ 数分もあれば誰でも接続できます



1.電源オン



2.カメラ追加



3.監視スタート！

This image shows the camera's internal storage options, including a 64GB MicroSD card slot for local recording and a SIM card slot for 4G LTE connectivity.

### 3.4. Two-Way Audio & Family Sharing & IP65 Weatherproof

Live image viewing is possible via a smartphone app, allowing for immediate situation awareness even from remote locations. With two-way audio functionality, you can speak through the microphone from your smartphone or sound an alarm. Easily share real-time access with friends and family by scanning a QR code! There is no limit to the number of shares, and one camera can be monitored by up to 4 people simultaneously. The 360-degree camera body has IP65 dustproof and waterproof capabilities. It can withstand various weather conditions and environments, expanding installation options to gardens, parking lots, construction sites, and other outdoor areas.



This image shows a user interacting with the camera via a smartphone app, demonstrating the two-way audio feature. The app allows for live viewing and communication through the camera's microphone and speaker.

This image depicts a smartphone receiving an alarm message, indicating that an intruder has been detected. The camera's motion detection triggers instant notifications to the user's device.



This image showcases the camera's IP65 dustproof and waterproof rating, demonstrating its ability to withstand various weather conditions, including rain. It is suitable for outdoor installation in gardens, parking lots, and construction sites.

### 3.5. PTZ Functionality

With wide pan and tilt functions, the camera can be remotely operated from a smartphone. It covers a wide range of 90° vertically and 350° horizontally, providing 360° blind-spot-free surveillance of your home.





This image illustrates the camera's 300-megapixel resolution and 360-degree omnidirectional monitoring capability, allowing for clear observation of details even from a distance.

## 4. SETUP GUIDE

Follow these steps to set up your COOAU 4G LTE Security Camera:

1. **Insert SIM Card and Power On:** Open the waterproof cover on the camera body, insert a compatible 4G SIM card (ensure it is correctly inserted and activated), and then press the power button.
2. **Download the App:** Scan the QR code below or search for the designated app in your smartphone's app store (e.g., Google Play Store or Apple App Store).  
[Download App \(QR Code Link\)](#)
3. **Add Device:** Open the app, select to add a new device, and follow the on-screen instructions. You may need to scan a QR code on the camera or its packaging.
4. **Mount the Camera:** Use the provided mounting stand, screws, and anchors to securely install the camera in your desired outdoor location. Ensure the solar panel is positioned to receive maximum sunlight.
5. **Connect Solar Panel:** Connect the solar panel cable to the camera's charging port.

### どこでも、何人でも閲覧可能！

人数の制限等はありません。離れた場所からでも見守りができるため、遠方にお住まいの方も安心してご利用いただけます。



This image provides a visual guide for the quick setup process using a smartphone. It shows three steps: powering on the device, adding the camera through the app, and starting surveillance, indicating that connection can be established in minutes.

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This video provides a step-by-step guide on how to connect and set up the 4G security camera, emphasizing its ability to function without a Wi-Fi network. It covers the initial configuration and installation process.

## 5. OPERATING INSTRUCTIONS

Once your camera is set up, you can begin monitoring and utilizing its features:

- **Live View:** Open the app to access the live video feed from your camera anytime, anywhere.
- **PTZ Control:** Use the app's controls to pan (350° horizontally) and tilt (90° vertically) the camera lens to adjust your viewing angle.
- **Two-Way Audio:** Engage in real-time conversations through the camera using the microphone and speaker functions in the app.
- **Motion Alerts:** Receive instant push notifications with photos on your smartphone when PIR motion detection is triggered.
- **Access Recordings:** View recorded video clips stored on the 64GB MicroSD card or in cloud storage (if subscribed) directly through the app. You can filter recordings by date and time of detected motion.
- **Night Vision Modes:** The camera automatically switches between full-color night vision (with LED lights) and infrared night vision based on ambient light conditions.
- **Family Sharing:** Share camera access with family and friends by scanning a QR code within the app. Multiple users can monitor simultaneously.



This image shows a user interacting with the camera via a smartphone app, demonstrating the two-way audio feature. The app allows for live viewing and communication through the camera's microphone and speaker.

This image depicts a smartphone receiving an alarm message, indicating that an intruder has been detected. The camera's motion detection triggers instant notifications to the user's device.

## 6. MAINTENANCE

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to ensure optimal sunlight absorption and charging efficiency.
- **Check Battery Level:** Monitor the battery level through the app to ensure continuous operation. Adjust the solar panel's angle if needed to maximize charging.
- **Clear Camera Lens:** Keep the camera lens clean from dust, dirt, or water spots to maintain clear image quality.
- **Firmware Updates:** Check the app periodically for firmware updates to ensure your camera has the latest features and security enhancements.

## 7. TROUBLESHOOTING

- **No Connection:** Ensure the SIM card is correctly inserted, activated, and has sufficient data. Check the camera's power status.
- **No Power:** Verify the solar panel is receiving adequate sunlight. Check the connection between the solar panel and the camera. The battery might need charging via the USB cable if there's prolonged lack of sunlight.
- **False Alarms:** Adjust the motion detection sensitivity settings in the app. Define specific detection zones to minimize unwanted alerts from pets or passing vehicles.
- **Poor Image Quality:** Clean the camera lens. Ensure there are no obstructions in the camera's field of view. Check the network signal strength for 4G connectivity.
- **Two-Way Audio Issues:** Ensure your smartphone's microphone and speaker are enabled for the app. Check the volume settings on both the app and your phone.

## 8. SPECIFICATIONS

Feature	Specification
Color	Black
Number of Items	1
Product Dimensions (LxWxH)	15 x 9 x 16 cm
Product Model Number	AR-W607
Product Size	15 x 8.98 x 16 cm; 1.22 kg
Special Features	Motion Sensor, Night Vision
Batteries Included	Yes
Battery Type	Lithium Ion
Item Weight	1.22 Kilograms
Recommended Uses for Product	Home Security
Connectivity Technology	Wireless
Indoor/Outdoor Use	Outdoor
Compatible Devices	Smartphone
Power Source	Solar Powered
Connection Protocol	SIM 4G Communication
Mounting Type	Wall Mount
Video Capture Resolution	1296p (3MP)

## 9. WARRANTY AND SUPPORT



This camera has obtained technical standards conformity certification (TELEC) under the Radio Law and has undergone strict inspection, ensuring its reliability. COOAU offers a 24-month warranty period, plus a special 12-month extended warranty plan.

For pre-purchase consultations, product questions, or in the unlikely event of a malfunction, product replacement or refund is possible. Please feel free to contact our official email address for support. You can also contact the seller directly from your Amazon order history. We provide initial setup and installation reference videos for easy operation for beginners. We are committed to continuous product improvement to ensure customer satisfaction.