COOAU AR-W606

COOAU 5MP Solar Powered PTZ Security Camera AR-W606 Instruction Manual

Model: AR-W606

Introduction

Thank you for choosing the COOAU 5MP Solar Powered PTZ Security Camera. This manual provides essential information for the proper setup, operation, and maintenance of your device. Please read it thoroughly before use and retain it for future reference.

This camera features a 5-megapixel image sensor for clear recording, supporting H.265+ video compression for efficient storage. It offers 360-degree pan/tilt/zoom functionality, powerful night vision with 4 lights, and high-precision human detection. Designed for outdoor use, it is IP66 waterproof and dustproof, powered by a solar panel for continuous operation, and supports both microSD card and cloud storage. It also includes AI detection and Alexa compatibility for enhanced security and convenience.

Product Overview

Familiarize yourself with the components of your COOAU AR-W606 camera.



Image: Detailed view of the COOAU 5MP Solar Powered PTZ Security Camera, highlighting its 5-megapixel lens, infrared lights, and LED lights for night vision. The image also shows the automatic brightness adjustment, improved light transmission, UV protection, color adjustment, and sharpness adjustment features.



Image: The COOAU 5MP Solar Powered PTZ Security Camera installed outdoors, connected to its solar panel. This setup allows for 365-day continuous operation with stable WiFi reception, thanks to the 4dBi antenna.

Setup

1. Mounting the Camera

The camera comes with a versatile stand for both ceiling and wall mounting. Choose a location that provides optimal coverage and sunlight exposure for the solar panel.



Image: Illustrations demonstrating how to mount the camera to a ceiling and a wall using the provided stand. The process is simple and does not require electrical wiring.

For pole mounting, use the provided belt. Ensure the camera is securely attached to the bracket.

Video: This video demonstrates the method for attaching the security camera to pillars or poles using a belt. It shows the steps for securing the bracket and camera to a cylindrical surface.

2. Solar Panel Installation

Attach the solar panel to a location that receives maximum sunlight. The 360-degree adjustable solar panel allows for optimal angle adjustment.

Video: This video illustrates the process of attaching the solar panel to the camera's mounting bracket, ensuring a secure connection for continuous power.

3. Initial Setup and Wi-Fi Connection

Power on the camera and follow the instructions in the dedicated app to connect to your 2.4GHz Wi-Fi network. The app will guide you through the pairing process using a QR code.

Video: This video demonstrates the easy Wi-Fi setup and Bluetooth connection process for the camera using a smartphone application. It shows how to power on the device, reset it, and scan a QR code for network pairing.

Operating Instructions

1. Remote Monitoring and PTZ Control

Access live footage and control the camera's pan (350°), tilt (90°), and digital zoom functions from your smartphone or tablet using the dedicated app. This provides 360-degree coverage without blind spots.



Image: A smartphone screen showing the live feed from the COOAU PTZ camera, with on-screen controls for panning (350 degrees) and tilting (90 degrees) the camera to monitor a wide area.

2. Night Vision Modes

The camera is equipped with four infrared and LED lights, enabling both black-and-white and full-color night vision up to 15 meters. Choose between different night vision modes for optimal clarity.



Image: A comparison showing the enhanced clarity of the COOAU camera's 4-light night vision compared to standard night vision, capturing details up to 15 meters away in low light conditions.

3. Motion Detection and Alerts

The PIR human sensor detects human movement and sends instant alerts with snapshot photos to your smartphone. It features 10 sensitivity levels and customizable detection zones to minimize false alarms. AI detection can differentiate between people, pets, vehicles, and packages.



Image: An illustration demonstrating the PIR human detection feature, showing how the camera detects human movement and allows for customization of detection zones and sensitivity levels to prevent false alarms.

4. Two-Way Audio and Siren Alarm

Communicate with visitors or deter intruders using the built-in microphone and speaker. The camera also offers sound and light alarm modes to warn intruders at night.



Image: A scene depicting two-way audio communication through the camera, where a user can speak to a delivery person at their doorstep via their smartphone.

5. Alexa Integration

Connect your camera to Alexa-enabled devices for convenient voice control and monitoring. Simply say, "Alexa, show me the front door," to view the live feed.



Image: An Alexa smart display showing the live feed from the COOAU security camera, demonstrating its compatibility with Alexa for smart home integration.

Maintenance

1. Power Management

The camera is powered by a high-efficiency solar panel (19.5% conversion rate) and a large-capacity battery, ensuring 365 days of continuous operation without external power. Ensure the solar panel is clean and free from obstructions for optimal charging.

2. Weather Resistance

With an IP66 waterproof and dustproof rating, the camera is designed to withstand harsh weather conditions, including typhoons, snow, and heavy rain. Regular visual inspection for any physical damage is recommended.



Image: The COOAU security camera and its solar panel shown in rainy conditions, emphasizing its IP66 waterproof and dustproof durability for outdoor use.

3. Storage Management

The camera supports local storage via a microSD card (up to 128GB) and free 6-second cloud storage for one week. The auto-overwrite function ensures continuous recording. Periodically review recorded footage and manage storage space as needed.



Image: An illustration detailing the two recording storage methods: microSD card (up to 128GB) and free 6-second cloud storage. It shows how recorded events can be efficiently reviewed on a smartphone.

Troubleshooting

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz. Reset the camera by pressing the reset button and try the pairing process again. Make sure the camera is within range of your Wi-Fi router.
- **Poor image quality:** Check for any obstructions on the camera lens. Ensure the lens is clean. Verify that the camera is receiving adequate light, especially for night vision.
- **False motion alarms:** Adjust the PIR sensor sensitivity levels in the app. Define specific detection zones to exclude areas with frequent non-human movement (e.g., trees swaying).
- **Solar panel not charging:** Ensure the solar panel is positioned to receive direct sunlight for several hours a day. Clean any dirt or debris from the panel surface. Check the connection cable between the solar panel and the camera.
- **No audio:** Check the microphone and speaker settings in the app. Ensure volume levels are appropriate.

Specifications

Feature	Specification
Model Name	AR-W606
Video Capture Resolution	1920p
Effective Video Resolution	5 MP
Color	White
Connectivity Technology	Wireless (Wi-Fi 2.4GHz)
Special Features	PTZ Technology, Motion Sensor

Indoor/Outdoor Use	Outdoor
Compatible Devices	Smartphone
Controller Type	APP
Mounting Type	Wall Mount (Ceiling/Pole adaptable)
Product Dimensions (LxWxH)	16 x 15 x 10 cm
Item Weight	1.01 Kilograms
Battery Type	Lithium Ion
Included Components	Solar Powered Security Camera Body x1, Solar Panel x1, Mounting Stand x1, Screws/Anchors x5, Japanese Instruction Manual x1, USB Cable x1, Hole Position Sticker x2

Warranty and Support

COOAU offers a **24-month warranty** for this product. Additionally, a special **12-month warranty extension** plan is available for registered members. The product has obtained technical standards compliance for radio waves (TELEC certified).

For inquiries before purchase, questions about the product, or in the unlikely event of a defect, new product exchanges or refunds are possible. Please feel free to contact our official email address (business hours: Monday-Friday, 9:00-18:00). You may also contact the seller directly through your Amazon order history.



Image: A Certificate of Compliance from MiCOM Labs, indicating that the COOAU security camera meets technical 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

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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