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COOAU C9

COOAU Dual Lens 360° Outdoor Solar Security Camera User Manual

Model: C9

1. Introduction

Thank you for choosing the COOAU Dual Lens 360° Outdoor Solar Security Camera. This manual provides essential information for the proper installation, operation, and maintenance of your security camera. Please read this manual thoroughly before using the product and keep it for future reference. This camera is designed to provide comprehensive surveillance with its innovative dual-lens system, solar power capabilities, and robust outdoor design.



Image: The COOAU Dual Lens 360° Outdoor Solar Security Camera, showcasing its dome design and dual antennas.

2. Package Contents

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

- Solar Powered Security Camera Body x1
- Solar Panel x1
- Mounting Stand x1
- Screws and Anchors x3
- English Instruction Manual x1
- USB Cable x1

3. Product Features

The COOAU C9 camera is equipped with advanced features for superior security and ease of use:

- **Dual Lens Design:** Features a fixed wide-angle lens and a PTZ (Pan-Tilt-Zoom) lens for true 360° coverage without blind spots.
- **High-Capacity Battery & Efficient Solar Charging:** Integrated 10000mAh battery powered by a 5W monocrystalline silicon solar panel for continuous operation.
- **Dual PIR Sensors:** Two independent PIR sensors work in conjunction to accurately detect motion and record events simultaneously from different areas.
- **Flexible Installation:** Supports both integrated and split-type solar panel installation, with a 3M cable for optimal solar exposure. Includes a mounting belt for drill-free installation.
- **2K*2K High-Resolution Video:** Captures clear and detailed images with dual 3MP lenses, ensuring no detail is missed.
- **IP65 Weatherproof Rating:** Designed to withstand harsh outdoor conditions, including strong winds, snow, and rain.
- **Enhanced Connectivity:** Equipped with a powerful 5DBI external antenna for stable long-distance data transmission and improved signal penetration.
- **Two-Way Audio:** Built-in speaker and microphone allow for real-time communication with visitors or to deter intruders.
- **Advanced Night Vision:** Features 4 high-output infrared lights and 4 ultra-bright LED lights for clear color night vision up to 15 meters.
- **Smart Detection & Alerts:** AI human/vehicle detection, customizable detection zones, and instant notifications to your smartphone.

4. Setup Guide

4.1 Initial Charging

Before first use, fully charge the camera's internal battery using the provided USB cable and a 5V/2A power adapter (not included). This ensures the camera has sufficient power for initial setup and optimal solar charging performance.



Image: Illustration of the camera's 10000mAh high-capacity battery and 5W solar panel for extended operation.

4.2 App Download and Account Registration

1. Scan the QR code in the manual or search for "COOAU CAM" or "Cloud Edge" in your smartphone's app store (Google Play for Android, App Store for iOS).
2. Download and install the app.
3. Open the app and register a new account using your email address. Follow the on-screen instructions to complete the registration process.

4.3 Camera Pairing (Wi-Fi Connection)

The camera uses the latest automatic identification and Wi-Fi connection technology for easy pairing.

1. Ensure your smartphone is connected to a**2.4GHz Wi-Fi network**. (5GHz Wi-Fi is not supported).
2. Power on the camera.
3. Open the COOAU CAM/Cloud Edge app and tap "Add Device" or the "+" icon.
4. The app will automatically search for nearby cameras. Select your camera from the list.
5. Follow the in-app instructions to complete the one-touch automatic pairing.



Image: Visual guide showing the simple, one-touch setup process for connecting the camera to your smartphone via Bluetooth and Wi-Fi.

4.4 Installation

The camera offers flexible installation options to suit various environments.

- **Integrated Type:** The solar panel is directly attached to the camera. Ideal for locations with consistent direct sunlight.
- **Split Type:** The solar panel can be separated from the camera using the 3-meter cable. This allows you to place the solar panel in an area with optimal sunlight exposure (e.g., eaves, balcony railings) while positioning the camera for the best viewing angle.
- **Drill-Free Installation:** A mounting belt is included, allowing you to attach the camera to rain gutters, veranda pillars, or poles without drilling holes in walls.
- **Wall Mount:** Use the provided screws and anchors to securely mount the camera to a wall.



Image: Demonstrates both integrated and split-type installation methods for the solar panel and camera, highlighting flexibility.

5. Operating Instructions

5.1 Dual Lens View and PTZ Control

The camera features two lenses: a fixed wide-angle lens for continuous monitoring of a broad area and a PTZ (Pan-Tilt-Zoom) lens that can be remotely controlled.

- **Fixed Lens:** Provides a constant overview of a set area.
- **PTZ Lens:** Control the PTZ lens horizontally up to 350° and vertically up to 90° via the app to view specific details or track movement.
- Both lens views can be displayed simultaneously on your app screen, offering true 360° coverage without blind spots.



Image: Comparison showing the extensive 360° coverage provided by the dual-lens system versus the limited view of a single-lens camera.

5.2 Night Vision

The camera is equipped with 8 powerful lights (4 infrared and 4 LED) to provide clear visibility in low-light conditions.

- **Infrared Night Vision:** Provides clear black-and-white images in complete darkness up to 15 meters.

- **Color Night Vision:** The 4 LED lights can illuminate the area, providing full-color video even at night, enhancing detail and identification.



Image: Illustrates the camera's enhanced night vision capabilities with 8 lights, providing clear surveillance up to 15 meters in dark environments.

5.3 Two-Way Audio

Utilize the built-in speaker and microphone for two-way communication through the app. You can speak to visitors, delivery personnel, or warn intruders directly from your smartphone.



Image: Shows the camera's external 5DBI antenna for strong signal transmission and its two-way audio feature in action, allowing communication with someone near the camera.

5.4 Recording and Storage

The camera supports multiple storage options for recorded footage:

- **MicroSD Card:** Insert a microSD card (up to 128GB, sold separately) into the camera for local storage of motion-triggered recordings.
- **Cloud Storage:** The camera offers permanent free cloud storage for short event recordings (e.g., 6-second clips). Paid cloud plans may be available for extended storage.
- Both lenses record simultaneously, and you can view both streams on a single screen for comprehensive event review.



Image: Illustrates the camera's ability to record and play back footage from both lenses simultaneously, enhancing evidence collection.

5.5 Motion Detection and Alerts

The camera utilizes advanced detection technology to keep your property secure.

- **Dual PIR Sensors:** Two independent Passive Infrared (PIR) sensors detect heat signatures, reducing false alarms from non-human movement.
- **AI Human/Vehicle Detection:** Advanced AI algorithms differentiate between humans, vehicles, and other objects, providing more accurate alerts.
- **Customizable Detection Zones:** Set specific areas within the camera's view where you want motion detection to be active, minimizing unwanted notifications.
- **Instant Notifications:** Receive real-time alerts on your smartphone when motion is detected.



Image: Depicts the dual PIR sensor system detecting motion in two separate areas simultaneously, ensuring comprehensive event recording.

5.6 Multi-Device Management and Sharing

Manage multiple COOAU cameras within the same app interface. You can view up to four camera feeds simultaneously on one screen. Share camera access with family members or trusted friends by scanning a QR code, allowing them to view live feeds and receive alerts.

5.7 Alexa Integration

The camera is compatible with Amazon Alexa. Connect your camera to Alexa and use voice commands to view live feeds on

compatible Alexa-enabled devices (e.g., "Alexa, show me the front door").



Image: A user interacting with an Alexa device to view camera footage, demonstrating compatibility.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your camera.

- **Cleaning:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, or debris. Avoid using harsh chemicals.
- **Battery Check:** Monitor the battery level via the app. Ensure the solar panel is positioned to receive maximum sunlight for efficient charging.
- **Wi-Fi Stability:** Regularly check your Wi-Fi signal strength in the camera's location via the app to ensure a stable connection.
- **Firmware Updates:** Keep the camera's firmware updated through the app to benefit from new features and security enhancements.



Image: The camera shown in both rainy and snowy conditions, highlighting its IP65 weather resistance and durability across temperatures from -10°C to 50°C.

7. Troubleshooting

If you encounter issues, please refer to the following common problems and solutions:

- **Camera not connecting to Wi-Fi:**
  - Ensure your Wi-Fi is 2.4GHz (5GHz is not supported).
  - Check Wi-Fi signal strength at the camera's location.
  - Restart your router and the camera.
  - Ensure your smartphone is connected to the same 2.4GHz Wi-Fi network during pairing.
- **No 24/7 continuous recording:**
  - This camera is designed for power efficiency and only records when motion is detected. It does not support 24/7 continuous recording.
- **Camera not tracking movement:**
  - This model does not support automatic tracking. The PTZ lens must be manually controlled via the app.
- **Battery not charging via solar panel:**
  - Ensure the solar panel is clean and free from obstructions.
  - Verify the solar panel is positioned to receive direct sunlight for several hours a day.
  - Check the connection cable between the solar panel and the camera.
- **No internet connection available:**
  - The camera requires a Wi-Fi internet connection to operate. It cannot be used in environments without Wi-Fi.

For further assistance, please contact COOAU customer support.

8. Specifications

Model	C9
Brand	COOAU
Connectivity Technology	Wireless (Wi-Fi 2.4GHz only)
Power Source	Solar Powered / Battery Powered
Battery Capacity	10000mAh
Solar Panel Power	5W
Video Capture Resolution	2K*2K (1296p)
Lens Type	Dual Lens (Fixed + PTZ)
PTZ Rotation	Horizontal 350°, Vertical 90°
Night Vision Range	15 meters
Infrared LEDs	4

White Light LEDs	4
Weatherproof Rating	IP65
Storage Options	MicroSD Card (up to 128GB), Cloud Storage
Antenna	External 5DBI
Controller Type	COOAU CAM, Cloud Edge App
Product Dimensions	17 x 15 x 11 cm
UPC	790864718509

9. Warranty and Support

COOAU is committed to providing high-quality and reliable products. Your COOAU Dual Lens 360° Outdoor Solar Security Camera comes with a standard **24-month warranty** from the date of purchase. Additionally, a special **12-month warranty extension plan** is available.
If you have any questions before purchase, issues with the product, or require assistance, please do not hesitate to contact us. We offer new product exchanges or refunds in case of any defects.
Contact Information:

- **Official Email Address:** Please refer to the contact information provided on your product packaging or the official COOAU website.
- **Amazon Order History:** You can also contact the seller directly through your Amazon order history.

Customer Service Hours: Monday - Friday, 9:00 AM - 6:00 PM (local time).

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