COOAU C7

COOAU Solar Security Cameras Wireless Outdoor Instruction Manual

Model: C7

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your COOAU C7 Solar Security Camera. Designed for outdoor use, this 4MP wireless camera offers advanced features such as 360° pan and tilt, color night vision, and intelligent PIR motion detection, all powered by an integrated solar panel for continuous operation.

For optimal performance and to ensure your safety, please read this manual thoroughly before using the product and retain it for future reference.



Image: COOAU C7 Solar Security Camera with its accompanying solar panel.

2. Package Contents

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact COOAU customer support.

- 1 x COOAU C7 Camera
- 1 x Solar Panel
- 1 x Charging Cable
- 1 x Quick Start Guide
- 1 x Camera Bracket

- 1 x Solar Panel Bracket
- 1 x Screw Package (for Camera Bracket)
- 1 x Screw Pack (for Solar Panel Bracket)

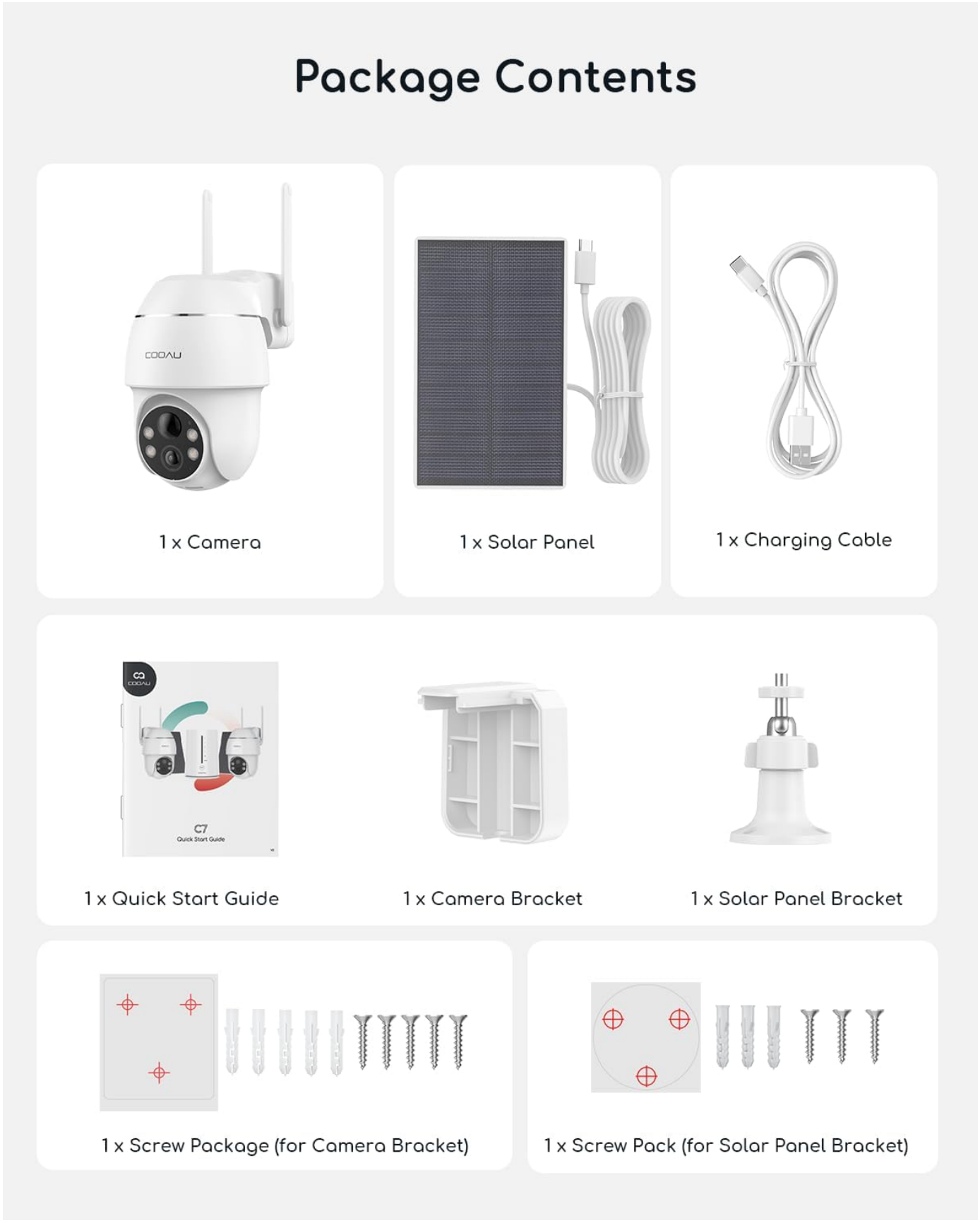

Image: All components included in the COOAU C7 Solar Security Camera package.

3. Setup

3.1 Initial Setup and App Pairing

1. **Download the ARCCTV App:** Search for "ARCCTV" in your mobile device's app store (iOS or Android) and download the application.
2. **Power On and Reset Cameras:** Ensure the camera is charged and powered on. If necessary, reset the camera according to the Quick Start Guide.
3. **Scan QR Code:** Open the ARCCTV app and follow the on-screen instructions to add a new device. Scan the QR code located on the camera or HomeBase to connect the camera to your system.

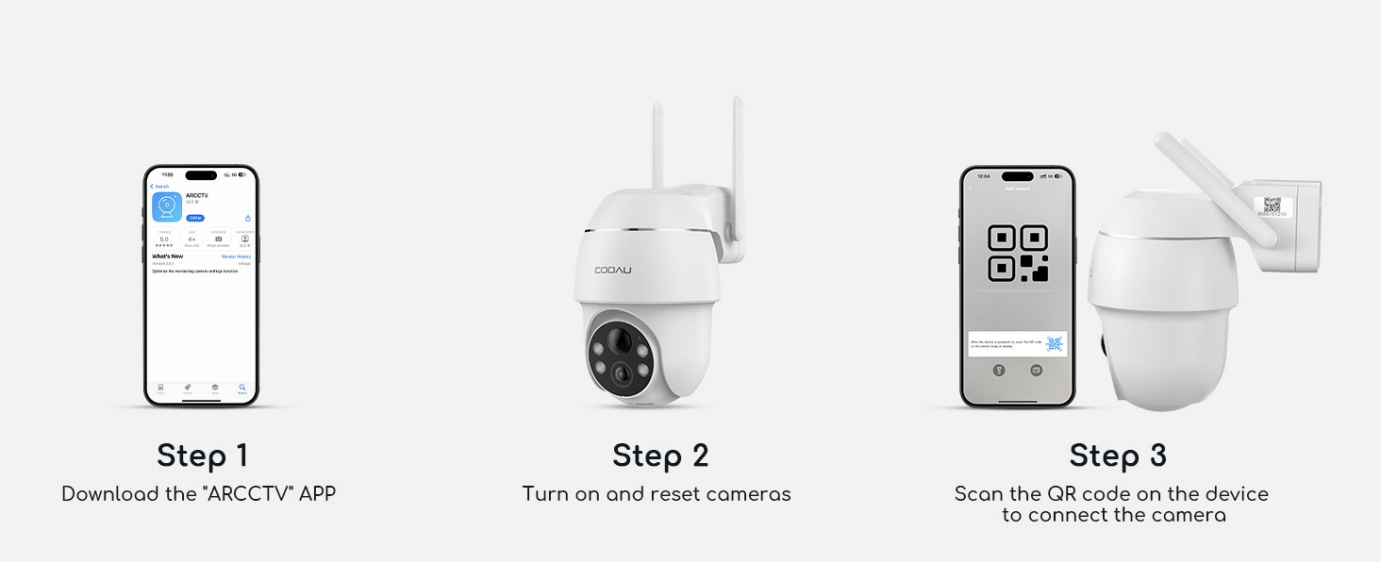

Image: Step-by-step guide for initial camera setup using the ARCCTV app.

3.2 Camera and Solar Panel Installation

The COOAU C7 camera and its solar panel are designed for flexible outdoor installation. Choose a location that provides optimal sunlight exposure for the solar panel and a clear view for the camera.

- **Solar Panel Placement:** Position the solar panel in an area that receives direct sunlight for several hours daily to ensure continuous charging. The panel is adjustable (360° horizontally, 90° vertically) to maximize sun exposure.
- **Camera Mounting:** The camera can be wall-mounted or ceiling-mounted. Use the provided brackets and screws. Ensure the mounting surface is stable and secure.

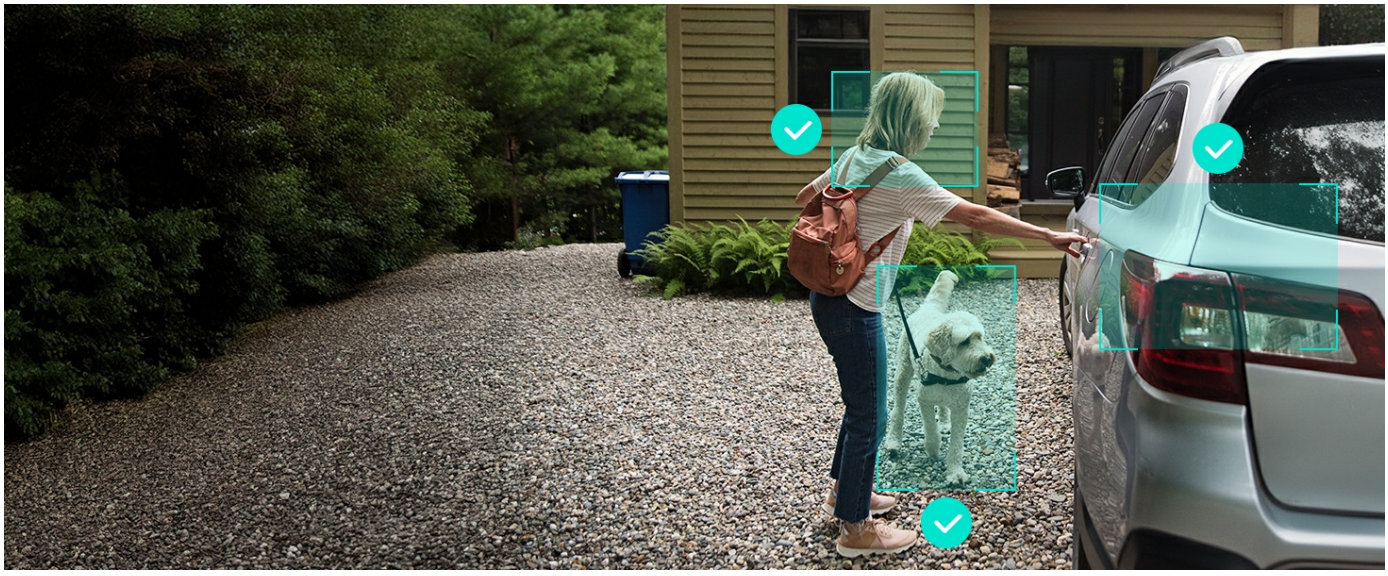

Image: COOAU outdoor security camera with solar panel mounted for continuous power.

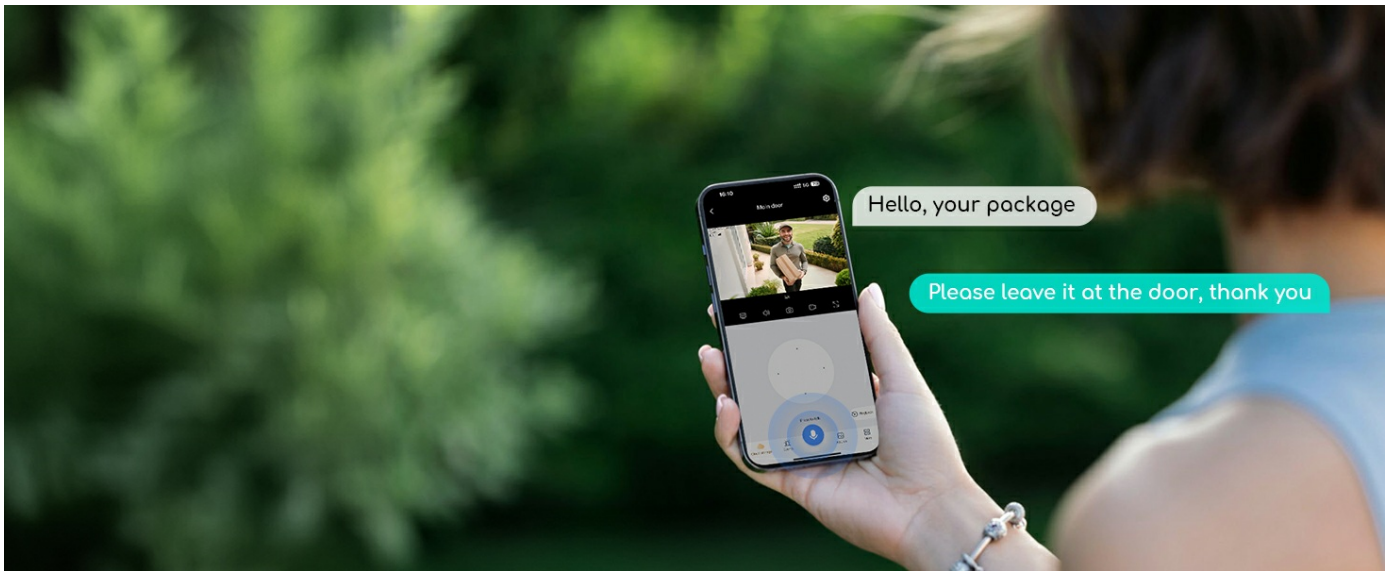

Image: The solar panel offers 360° horizontal and 90° vertical adjustment for optimal sunlight capture.



Image: Installation options for the camera, including wall-mounted and ceiling-mounted configurations.

4. Operating the Camera

4.1 Video Quality and Storage

The COOAU C7 camera captures video in 4MP 2.5K Ultra HD resolution, providing clear and detailed footage. It utilizes H.265 video processing technology for efficient storage and faster loading speeds. A 64GB SD card is included for local storage, which can be expanded up to 256GB.

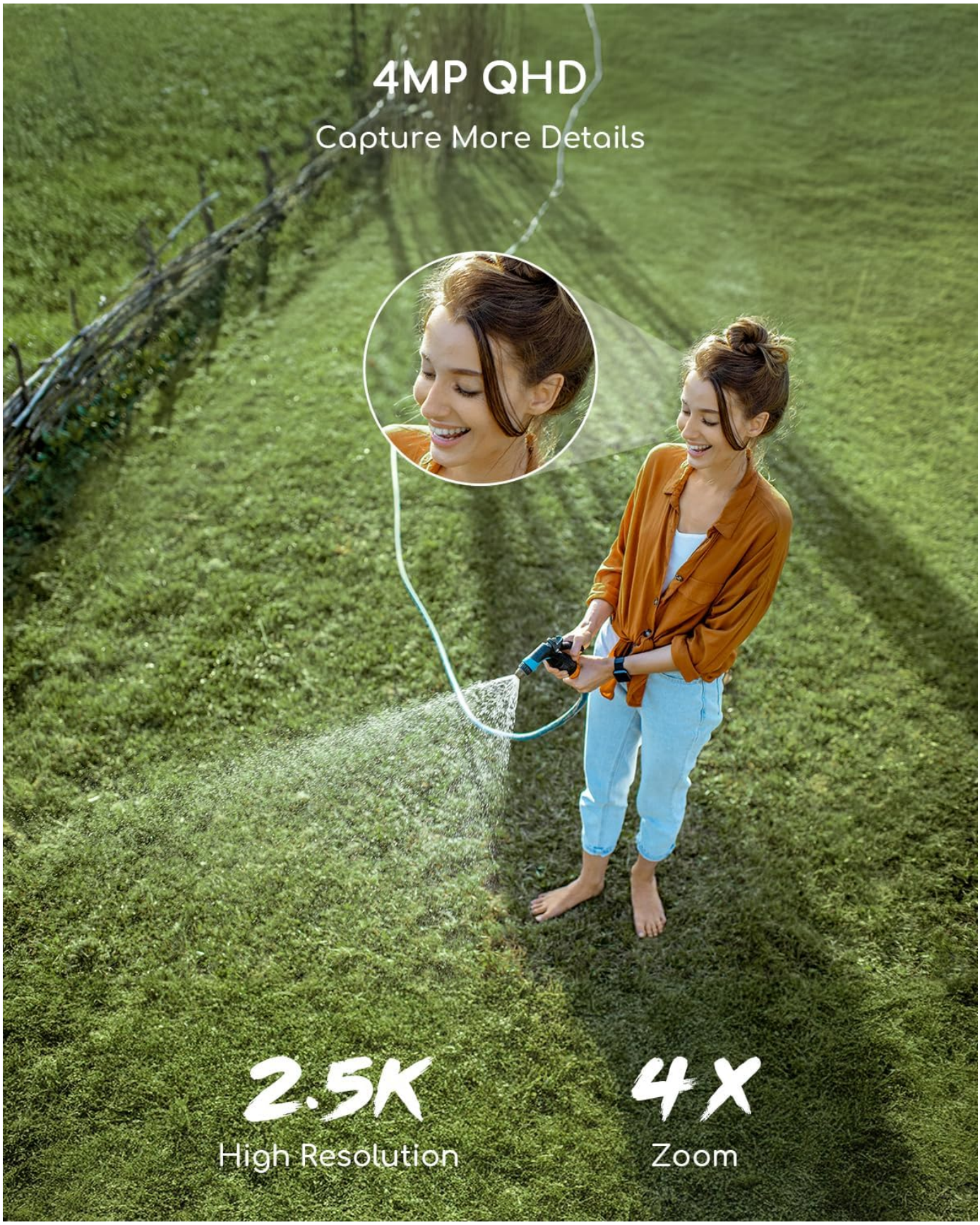

Image: The camera captures 4MP QHD video, allowing for clear detail and 4x digital zoom.

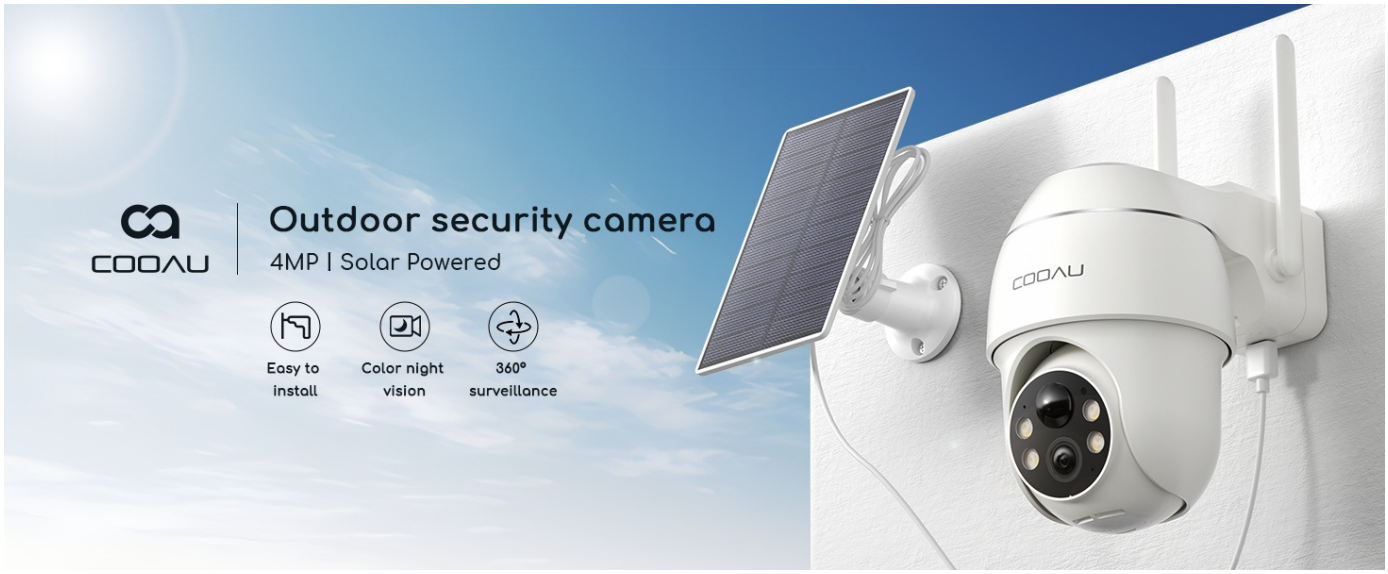

Image: H.265 video technology provides efficient compression, saving memory compared to H.264.

4.2 Pan & Tilt Functionality

The camera features 360° pan and tilt capabilities, allowing you to remotely adjust the viewing angle through the ARCCTV app. This ensures comprehensive coverage without blind spots, ideal for monitoring large areas.

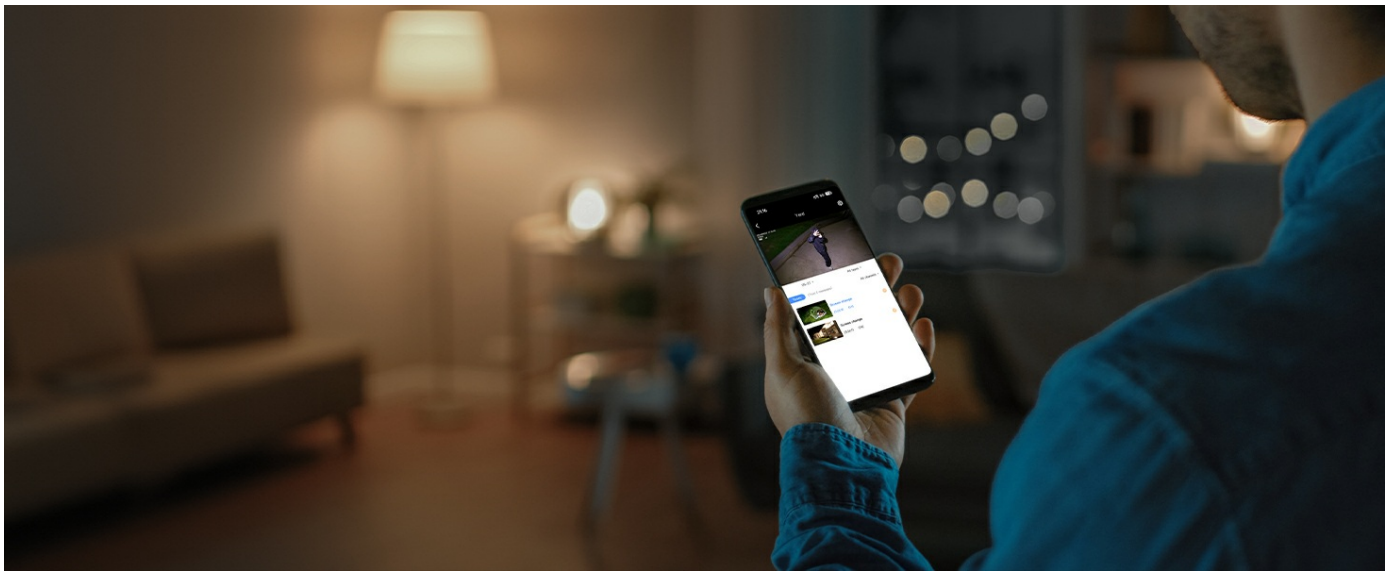

Image: The camera provides 360-degree coverage, eliminating blind spots around your property.

4.3 Night Vision

Equipped with 4 LEDs, the camera offers clear 4MP color night vision up to 33 feet (10 meters), ensuring visibility even in low-light conditions. Infrared night vision is also available.



Image: The camera's 4 LEDs provide bright and clear color night vision.

Your browser does not support the video tag.
Video: Demonstration of the camera's color night vision mode, showcasing its clarity in low-light environments.

4.4 Motion Detection and Alerts

The camera features intelligent PIR (Passive Infrared) detection combined with humanoid detection to accurately identify human movement and reduce false alarms. You can customize detection time, range, and sensitivity settings via the app. Upon detection, the system can trigger a siren alarm and/or light alarm, and send real-time notifications to your mobile

device.

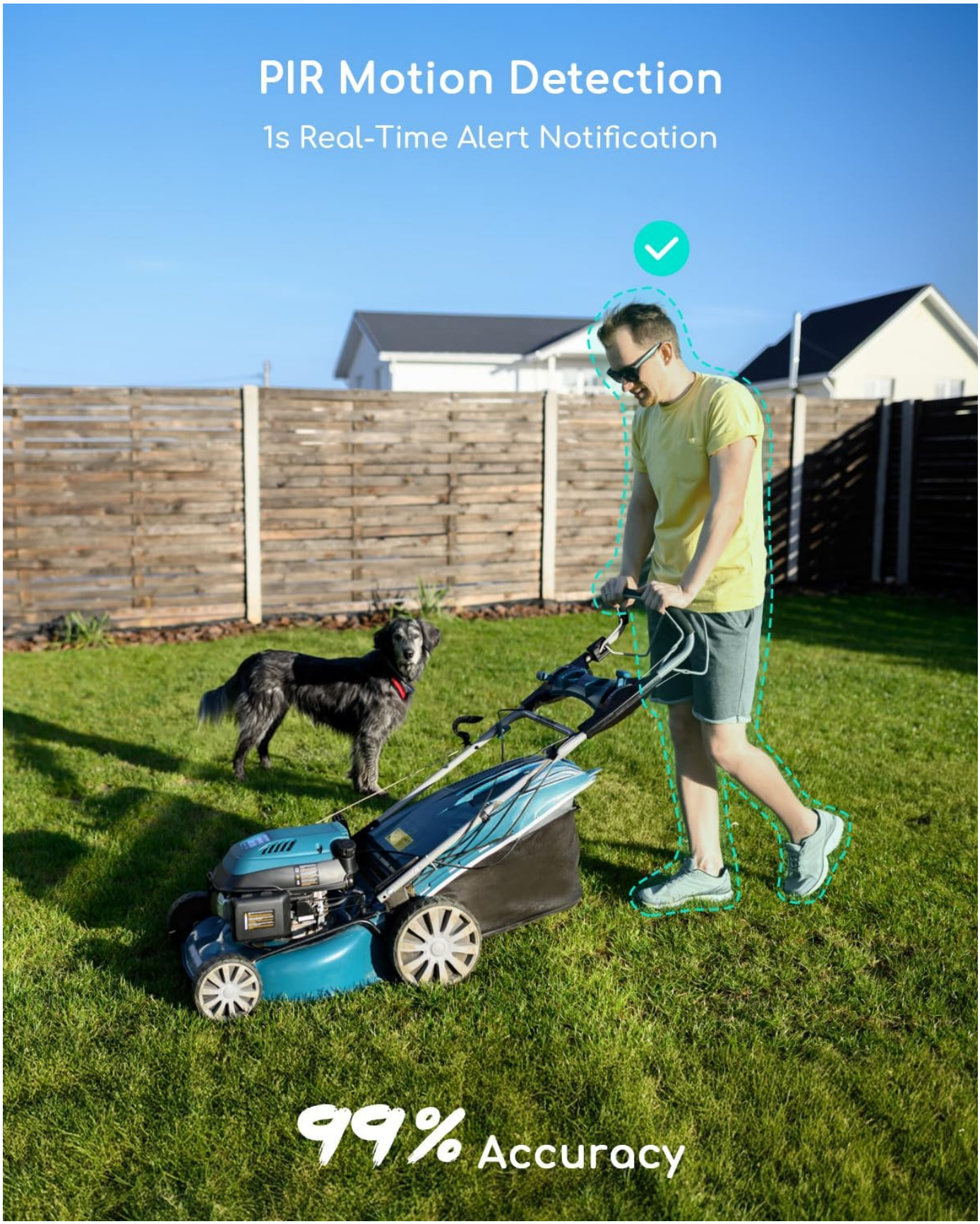

Image: The camera's PIR motion detection accurately identifies human figures, reducing false alarms.

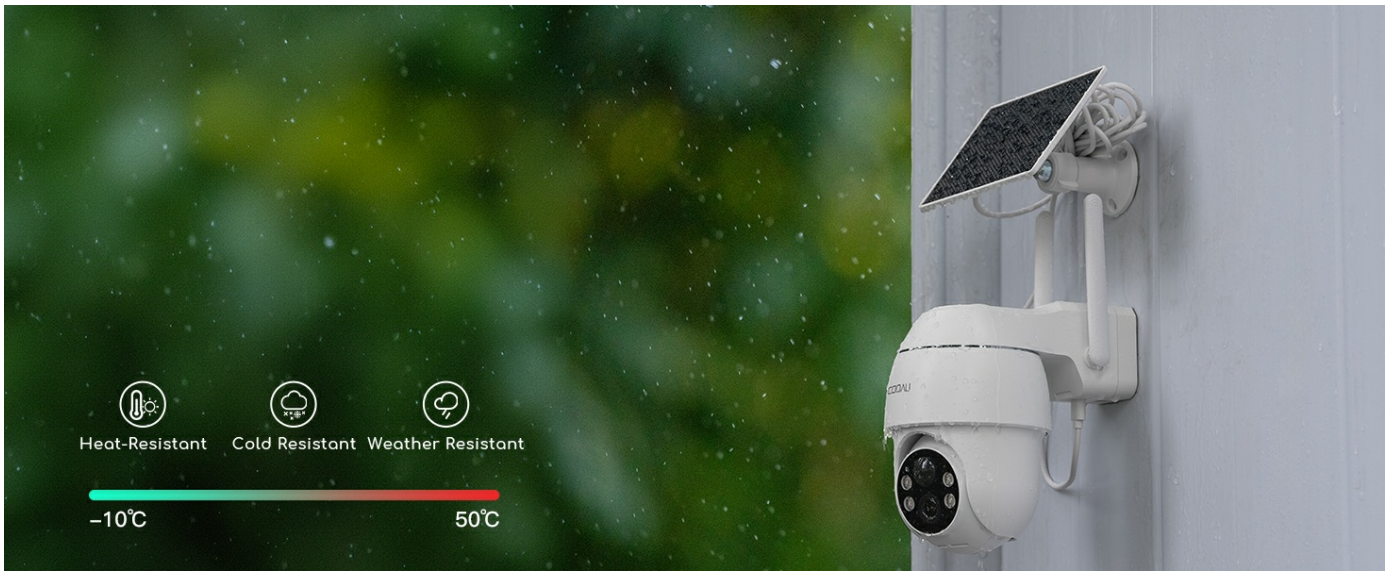

Image: The system supports light alarms, sound alarms, and HomeBase alarms upon detection.

4.5 Two-Way Audio

Communicate directly with visitors or deter intruders using the camera's built-in two-way audio feature. This allows for real-time conversations through the ARCCTV app.

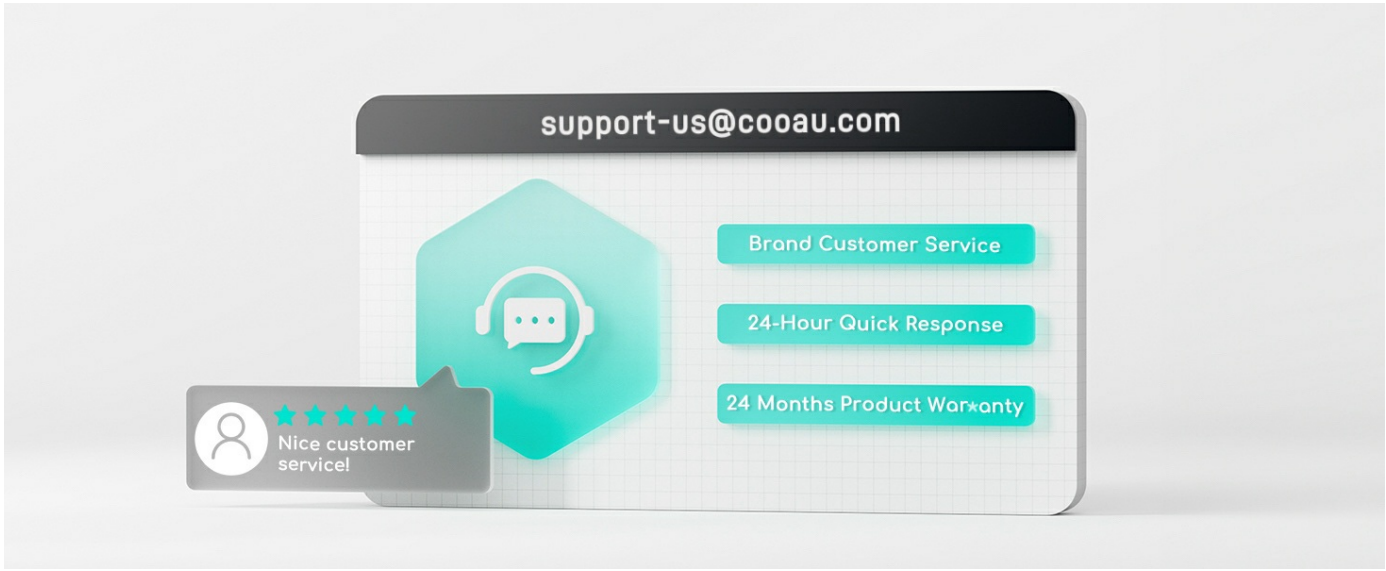

Image: Two-way audio allows for direct communication through the camera via your smartphone.

4.6 App Control and Remote Viewing

Manage your camera settings, view live feeds, and access recorded footage from anywhere using the ARCCTV app on your smartphone. The app supports viewing multiple cameras simultaneously.

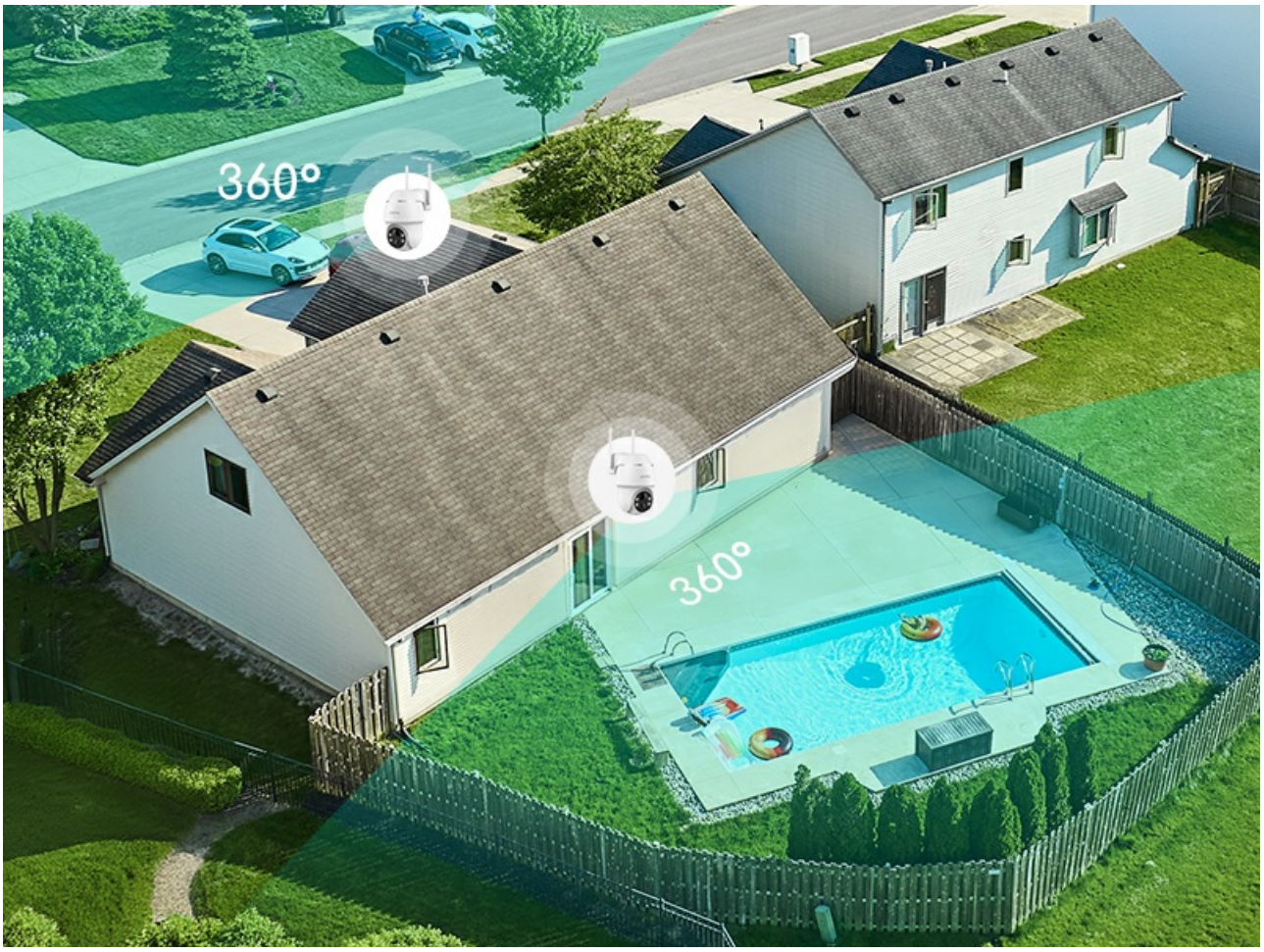

Image: Live viewing of camera feed on a smartphone.

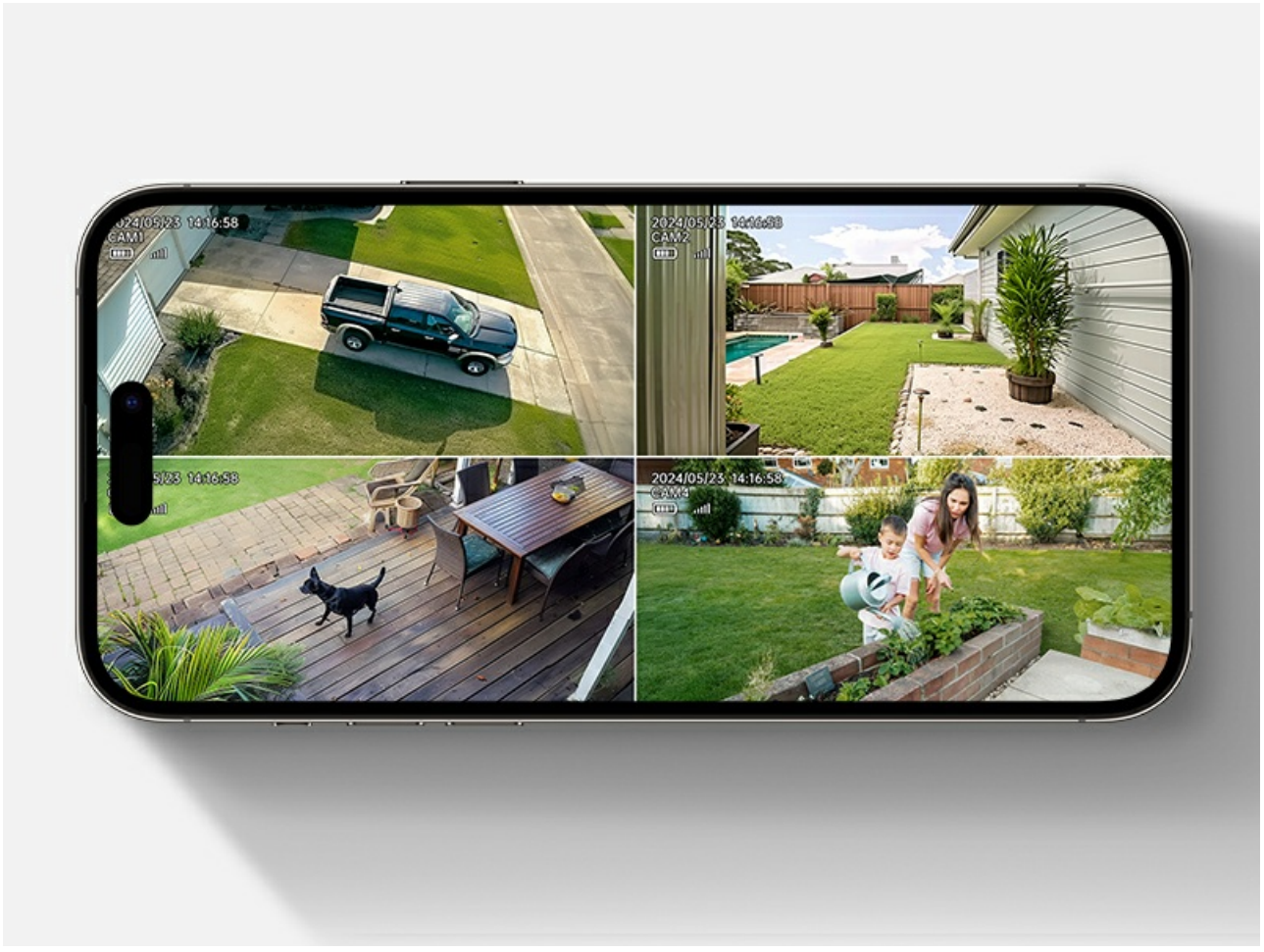

Image: Monitor multiple camera feeds simultaneously on your smartphone.

5. Maintenance

The COOAU C7 camera is designed for minimal maintenance due to its solar-powered operation and durable construction.

- **Solar Power:** The integrated solar panel continuously charges the camera's battery, eliminating the need for frequent manual recharging. Ensure the solar panel remains free of obstructions (e.g., leaves, dirt) to maintain charging efficiency.
- **Weather Resistance:** With an IP66 rating, the camera is waterproof and resistant to various weather conditions, operating effectively between -10°C and 50°C.
- **Cleaning:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals.



Image: The solar panel ensures non-stop operation for 365 days with adequate sunlight.



Image: The camera is designed to be heat-resistant, cold-resistant, and weather-resistant (IP66).

6. Troubleshooting

If you encounter issues with your COOAU C7 camera, please refer to the following common troubleshooting tips:

Problem	Possible Cause / Solution
Camera not connecting to app.	Ensure the camera is powered on and within Wi-Fi range of the HomeBase. Check Wi-Fi signal strength. Re-pair the camera if necessary.
Frequent false alarms.	Adjust PIR detection sensitivity and range in the ARCCTV app. Ensure the camera is not pointing at busy public areas or objects that move frequently (e.g., tree branches).
Battery not charging.	Ensure the solar panel is clean and receiving direct sunlight. Check the connection between the solar panel and the camera. Verify the charging port is clean and secure.
Poor night vision quality.	Ensure the camera lens is clean. Check for obstructions in the camera's field of view. Verify night vision mode settings in the app.
No local storage/recording.	Ensure the 64GB SD card is properly inserted into the HomeBase. Check if the SD card is full or corrupted. Format the SD card via the app if needed.

For more detailed troubleshooting or persistent issues, please refer to the FAQ section in the ARCCTV app or contact customer support.

7. Specifications

Feature	Detail
Model Name	C7

Feature	Detail
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	4MP (2.5K Ultra HD)
Viewing Angle	360 Degrees (Pan & Tilt)
Power Source	Solar Powered
Connectivity Protocol	Wi-Fi
Compatible Devices	Smartphone (Android)
Mounting Type	Wall Mount
Water Resistance Level	IP66 (Waterproof)
Flash Memory Installed Size	64 GB (included)
Flash Memory Supported Size Maximum	256 GB
Low Light Technology	Color Night Vision
Alert Type	Motion Only (Human Detection)
Control Method	App
Operating Temperature	-10°C to 50°C
Product Dimensions	6.2 x 5.9 x 3.9 inches
Item Weight	2.3 pounds

8. Warranty and Support

COOAU provides comprehensive customer support for your product:

- **Warranty:** The product comes with a 2-year warranty.
- **Technical Support:** Professional technical support is available.
- **Email Response:** Expect a fast email response within 24 hours.

For any questions, technical assistance, or product replacement inquiries, please contact us at:

support-us@cooau.com



Image: COOAU's commitment to excellent customer service.

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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

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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