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› ANRAN 3MP Solar Security Camera User Manual

ANRAN CA S2-UK S2

ANRAN 3MP Solar Security Camera User Manual

Model: CA S2-UK S2 | Brand: ANRAN

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your ANRAN 3MP Solar Security Camera. This wireless outdoor camera features 2K QHD video, color night vision, PIR motion detection, two-way audio, and is powered by a solar panel for continuous operation. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- 3MP Camera (1 unit)
- Solar Panel (1 unit)
- Bracket (1 unit)
- Warning Sticker (1 unit)
- Double Sided Adhesive (1 unit)



Image: The ANRAN 3MP Solar Security Camera shown alongside its accompanying solar panel.

3. PRODUCT OVERVIEW AND FEATURES

3.1 Key Components

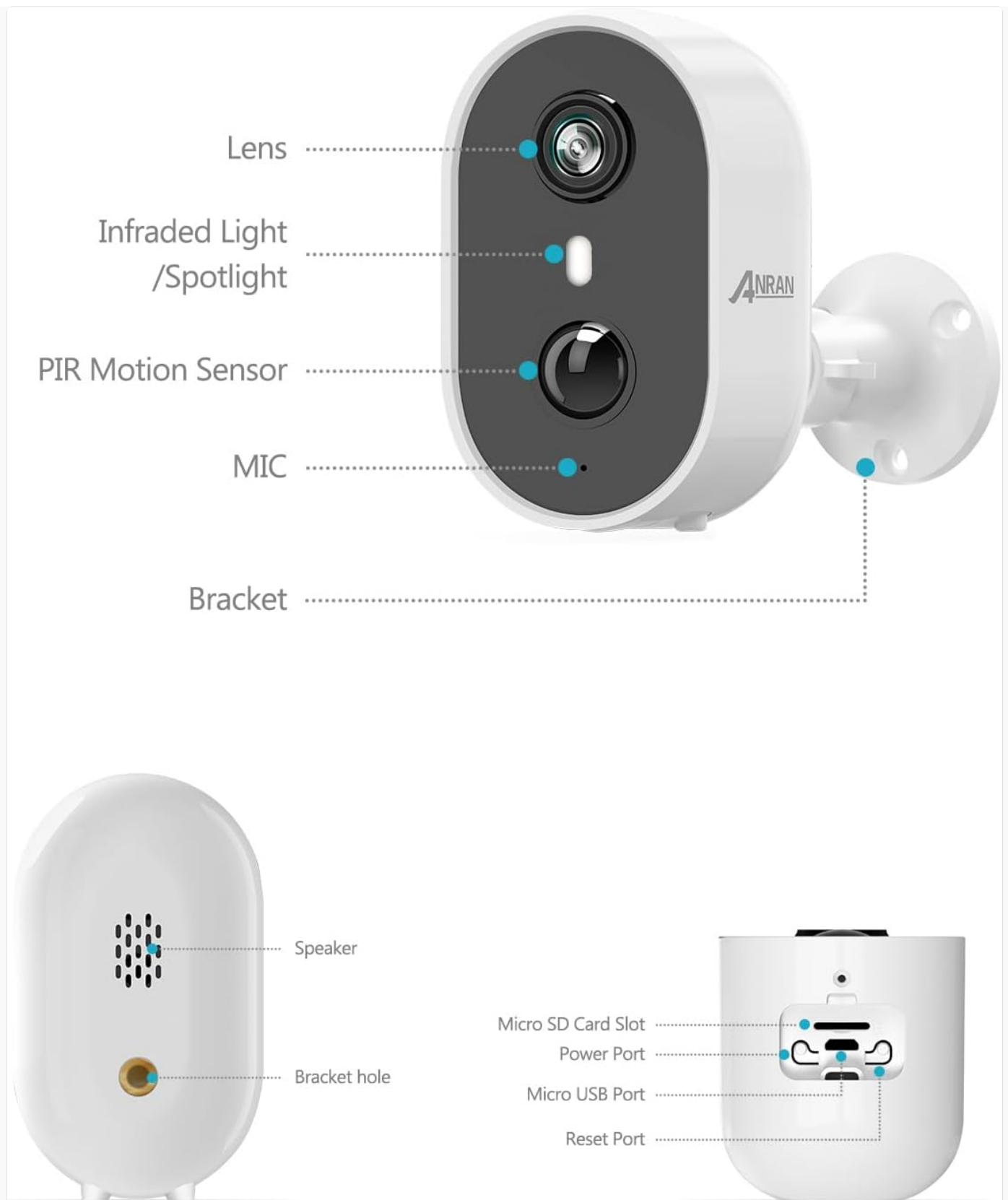


Image: Detailed diagram illustrating the various components of the ANRAN security camera, including the lens, infrared light/spotlight, PIR motion sensor, microphone, speaker, Micro SD card slot, power port, Micro USB port, reset port, and bracket hole.

- **Lens:** Captures video footage.
- **Infrared Light / Spotlight:** Provides illumination for night vision and can deter intruders.
- **PIR Motion Sensor:** Detects motion from heat signatures.
- **MIC:** Built-in microphone for audio input.
- **Speaker:** For two-way audio communication.
- **Micro SD Card Slot:** For local storage (SD card not included).

- **Power Port:** For charging the camera.
- **Micro USB Port:** For charging the camera.
- **Reset Port:** To reset the camera to factory settings.
- **Bracket:** For mounting the camera.

3.2 Core Features

- **Solar Charging & Continuous Power:** The included solar panel provides continuous power, eliminating the need for frequent recharging.
- **2K QHD Video & Color Night Vision:** Offers 3MP image quality (1.5 times better than 1080p) with a 33ft visible range. Supports full color night vision even in low light conditions.
- **Intelligent PIR Motion Detection & Instant Alerts:** Built-in infrared motion detection sensor accurately identifies persons, vehicles, pets, and packages. Real-time notifications are pushed to your phone via the app upon detection.
- **Two-way Audio:** Integrated microphone and speaker enable real-time two-way communication through the ANRAN App.
- **Multi-user Access:** Allows creation of guest accounts and instant video sharing with family members.
- **IP66 Weatherproof:** Designed to withstand various weather conditions, operating effectively in temperatures from -20°C to 50°C.
- **Storage Options:** Supports LIFETIME FREE cloud storage base service (6s recording, 7-day loop coverage) and local storage via SD card (not included).
- **Alexa Compatibility:** Can be integrated with Amazon Alexa for voice control and viewing on compatible devices.

4. SETUP GUIDE

4.1 Initial Charging

Before first use, ensure the camera's internal battery is fully charged. Connect the camera to a power source using the provided Micro USB cable. The charging indicator will show status.

4.2 App Download and Account Creation

Download the ANRAN App from the Google Play Store (for Android devices) or the Apple App Store (for iOS devices). Create a new account or log in if you already have one.

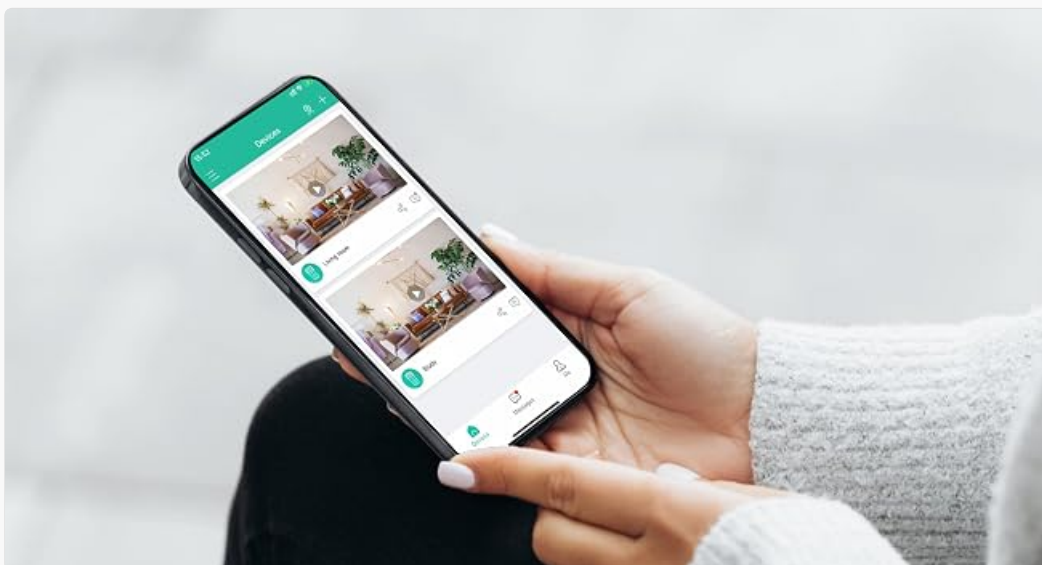


Image: Screenshot of the ANRAN App interface on a smartphone, showing multiple camera feeds.

4.3 Camera Pairing with App

1. Power on the camera.
2. Open the ANRAN App and follow the on-screen instructions to add a new device.
3. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The camera does not support 5GHz Wi-Fi.
4. Scan the QR code displayed on your phone with the camera lens, or follow alternative pairing methods provided in the app.
5. Once connected, you will hear a confirmation sound from the camera.

Battery Operated, Easy Set-up

- Built-in Premium Battery with a certain lasting time
- 100% wireless, charging only requires to remove the camera



Image: A person installing the ANRAN camera on an exterior wall, demonstrating ease of installation.

4.4 Mounting the Camera and Solar Panel

Choose a suitable location for mounting the camera and solar panel. For optimal solar charging, the solar panel should receive direct sunlight for several hours daily. Use the provided bracket and screws for secure installation.

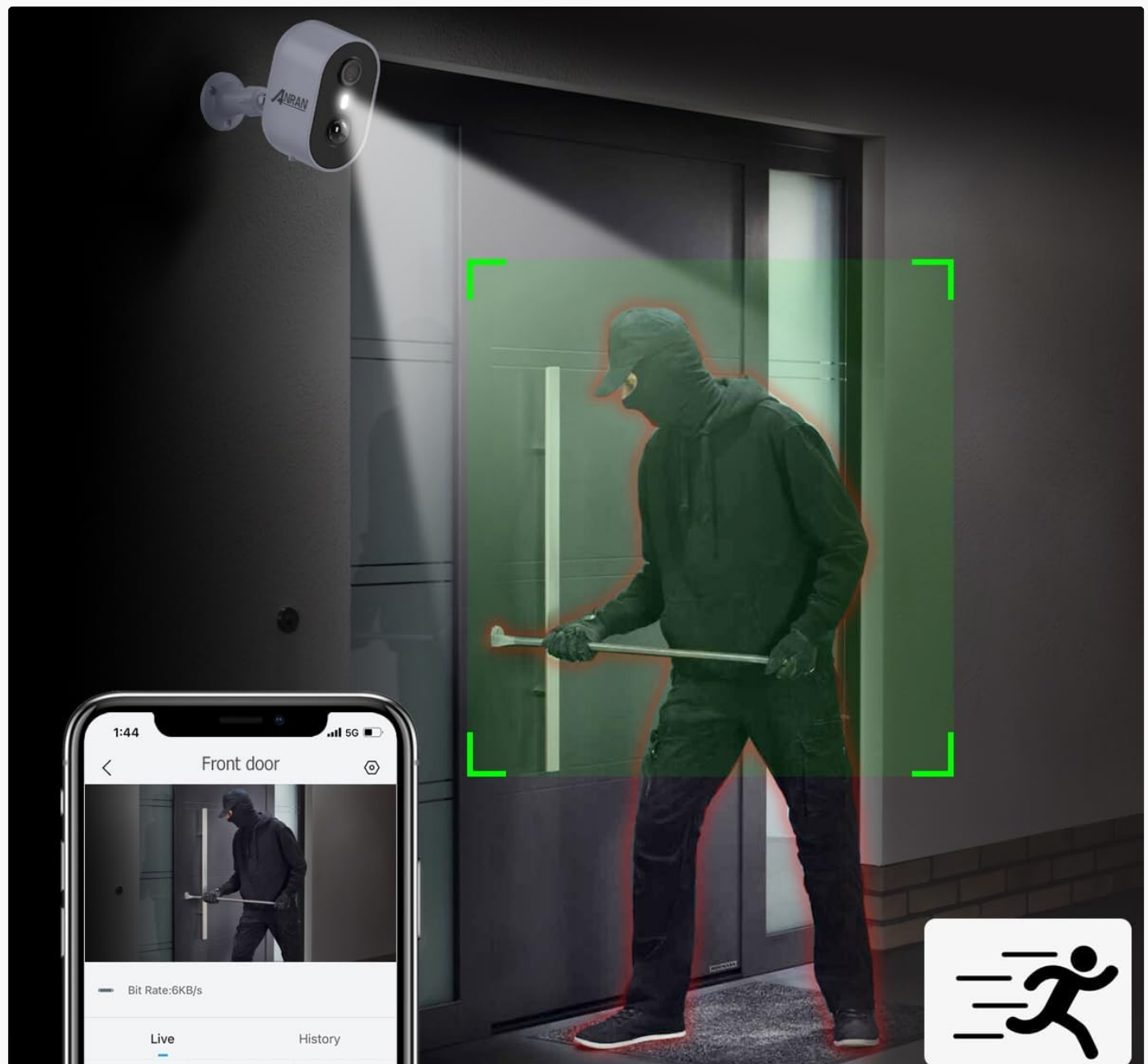


Image: The ANRAN camera and solar panel mounted on an exterior wall, illustrating the wire-free setup.

5. OPERATING INSTRUCTIONS

5.1 Live View and Recording

Access the live video feed through the ANRAN App. You can initiate manual recordings or capture screenshots directly from the live view interface.



PIR Motion Detection

- Infrared and white lights 
- Flashlight Alarm (Auto or Manual) 
- Motion Detection Notification Push 

Image: The ANRAN App displaying a motion detection event, highlighting the PIR detection feature.

5.2 Motion Detection and Alerts

The camera's PIR sensor detects motion and sends instant alerts to your phone. You can customize detection zones and

sensitivity settings within the app to reduce false alarms.

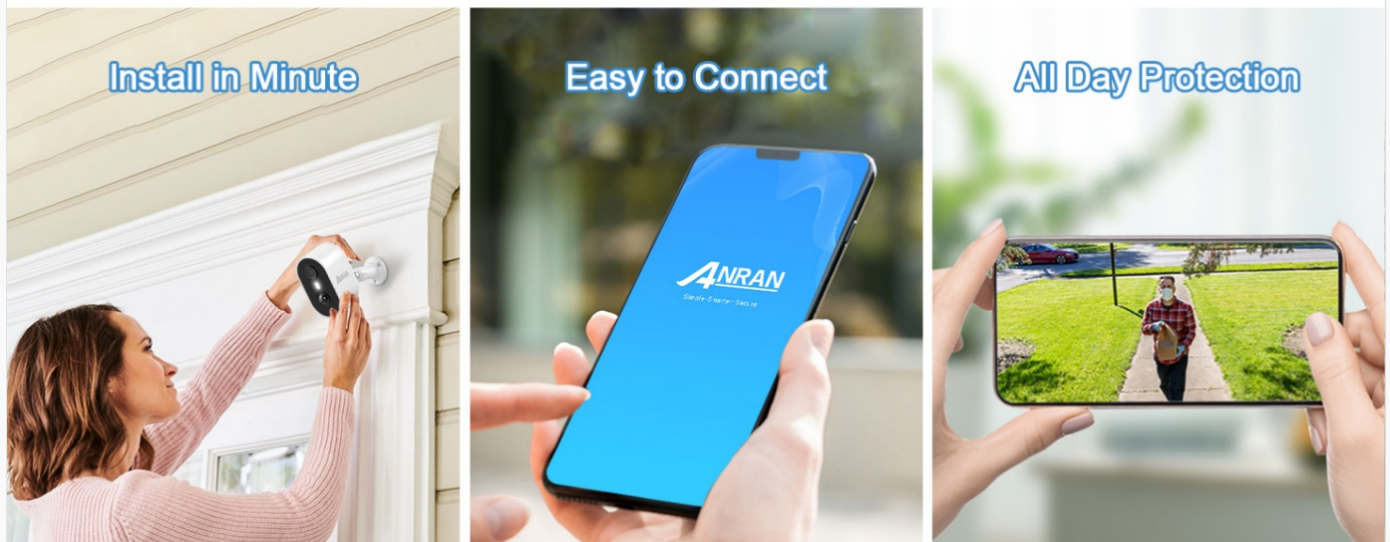


Image: Illustration of the ANRAN camera activating a siren and light to deter an intruder, demonstrating its active prevention capabilities. You can also activate a siren or spotlight manually or set them to trigger automatically upon motion detection to deter intruders.

5.3 Two-Way Audio

Use the two-way audio feature to communicate with visitors or deter unwanted individuals. Tap the microphone icon in the app to speak, and listen through the camera's speaker.



Two-way Voice Intercom

Talk to anyone anytime, anywhere

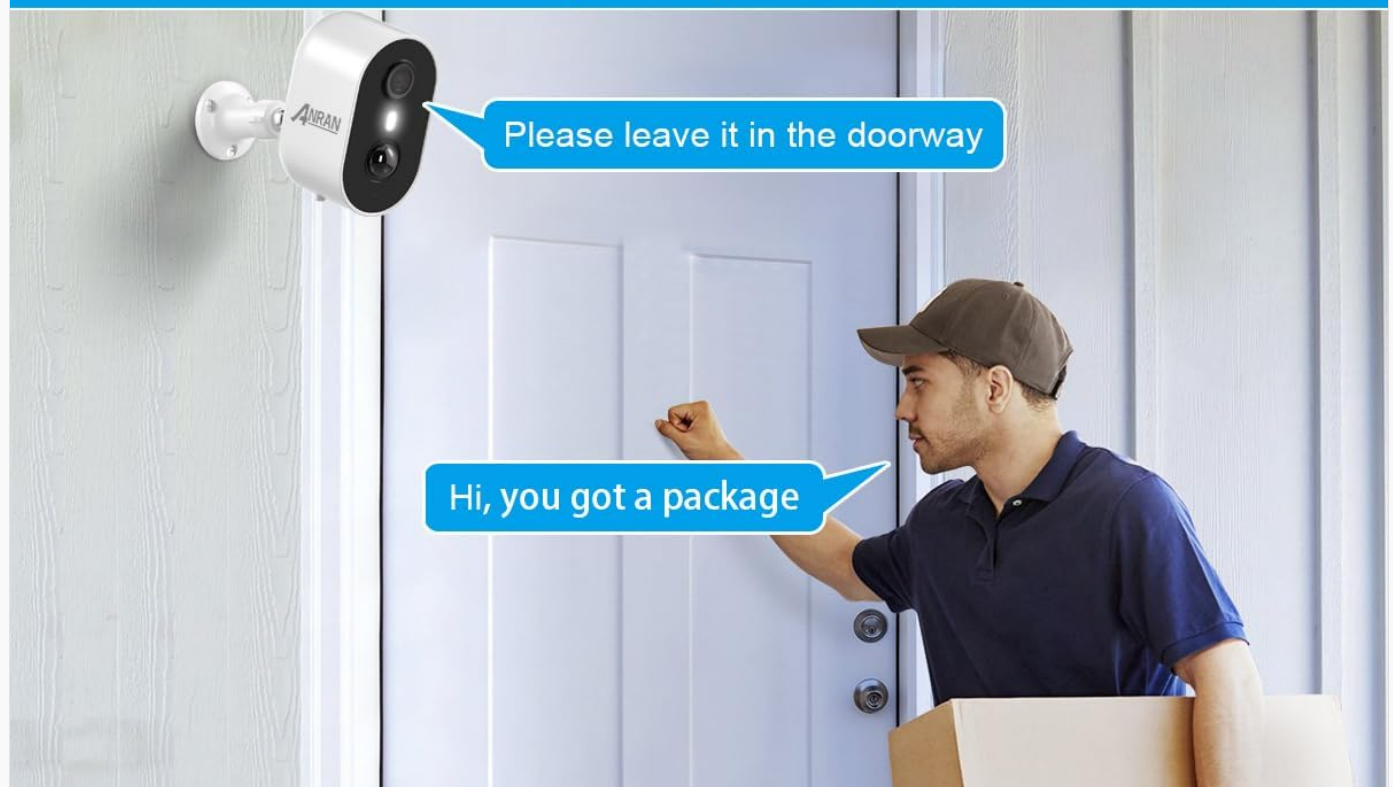


Image: Depiction of the two-way audio feature, showing a person speaking through the camera to a delivery person at the door.

5.4 Night Vision Modes

The camera supports both infrared (black and white) and full-color night vision. You can switch between modes in the app settings based on your preference and lighting conditions.

Three Modes of 3MP HD Video



Image: Comparison of full-color daytime mode, full-color night mode, and infrared night mode captured by the ANRAN camera.

6. MAINTENANCE

- **Lens Cleaning:** Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality.
- **Solar Panel Cleaning:** Keep the solar panel free of dust, dirt, and debris to maximize charging efficiency.
- **Firmware Updates:** Check the ANRAN App periodically for available firmware updates to ensure optimal

performance and security.

- **Battery Health:** While solar-powered, monitor battery levels in the app, especially during prolonged periods of low sunlight. Recharge manually if necessary.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; 5GHz Wi-Fi network.	Verify password; Move camera closer to router; Ensure connection to a 2.4GHz network.
Poor image quality	Dirty lens; Low light conditions; Network bandwidth issues.	Clean the lens; Ensure adequate lighting or use night vision; Check network speed.
Battery not charging via solar panel	Insufficient sunlight; Dirty solar panel; Panel not properly angled.	Relocate panel to receive more direct sunlight; Clean panel surface; Adjust panel angle.
Frequent false motion alerts	High motion sensitivity; Objects like trees or shadows triggering alerts.	Adjust motion detection sensitivity in the app; Define specific detection zones.
Two-way audio not working	Microphone/speaker muted in app; Volume too low; Network issues.	Check app settings for mute/volume; Ensure stable network connection.

8. SPECIFICATIONS

Feature	Detail
Model Number	CA S2-UK S2
Video Capture Resolution	3 MP (2K QHD)
Connectivity Technology	Wireless (Wi-Fi 2.4GHz)
Power Source	Solar Powered and Battery Powered (5200 mAh Lithium Ion)
Night Vision Range	33 Feet (Color Night Vision)
Viewing Angle	105 Degrees
Weatherproof Rating	IP66
Controller Type	Amazon Alexa
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	4.6 x 3.4 x 5.8 inches
Item Weight	1.48 pounds

9. WARRANTY AND SUPPORT

ANRAN offers a **2-year warranty** for this camera. For any issues, technical assistance, or after-sales support, please contact ANRAN customer service. Our professional technical team and after-sales team are available to assist you within 24 hours on weekdays.

You can find contact information in the original user manual (PDF) or on the ANRAN official website.



Image: ANRAN customer service details, including email and phone number for support.

10. OFFICIAL PRODUCT VIDEOS

Below are official product videos from ANRAN to assist with understanding and setup:

Your browser does not support the video tag.

Video: An overview of the ANRAN Security Cameras Outdoor with Solar Panel, showcasing its features and benefits.

Your browser does not support the video tag.

Video: A detailed look at the ANRAN C2 Security Cameras Outdoor with Solar Panel, highlighting its design and functionality.

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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

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