ANRAN AR-W608

ANRAN C3 Solar Security Camera User Manual

Model: AR-W608

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ANRAN C3 Solar Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. The ANRAN C3 is a wireless outdoor/indoor security camera featuring an integrated solar panel, battery power, 2K resolution, color night vision, spotlight, two-way audio, and PIR motion detection.

2. PRODUCT OVERVIEW

2.1 Package Contents

Verify that all components are present in your package:

- ANRAN C3 Solar Security Camera
- Mounting Bracket
- Mounting Screws and Wall Plugs
- USB Charging Cable
- User Manual
- Mounting Template Sticker
- 24 Hour Video Surveillance Sticker

Figure 2.1: Contents of the ANRAN C3 Solar Security Camera package, including the camera, mounting hardware, USB cable, and documentation.

2.2 Camera Components

Figure 2.2: Front view of the ANRAN C3 camera, showing the lens, PIR sensor, spotlight, and integrated solar panel on top.

- **Integrated Solar Panel:** Charges the internal battery using sunlight.
- **Camera Lens:** Captures 2K (3MP) resolution video.
- **PIR Motion Sensor:** Detects human-like motion to trigger recordings and alerts.
- **Spotlight:** Provides illumination for color night vision and acts as a deterrent.
- **Microphone:** Captures audio for two-way communication.
- **Speaker:** Enables two-way audio communication and siren functionality.
- **Mounting Base:** For secure installation on walls or other surfaces.

3. SETUP AND INSTALLATION

3.1 Charging the Camera

Before initial use, fully charge the camera's internal battery using the provided USB cable. Connect the USB cable to the camera's charging port and a standard 5V USB power adapter (not included). The charging indicator light will show the charging status.

3.2 App Download and Account Creation

Download the official ANRAN app from your smartphone's app store (iOS App Store or Google Play Store). Follow the on-screen instructions to create an account and log in.

3.3 Camera Pairing with App

1. Open the ANRAN app and tap the "+" icon to add a new device.
2. Select your camera model from the list.
3. Follow the app's prompts to power on the camera and reset it if necessary.
4. Connect your smartphone to a 2.4GHz Wi-Fi network. The camera only supports 2.4GHz Wi-Fi.

5. Scan the QR code displayed on your phone screen with the camera lens. Hold the phone approximately 15-20 cm (6-8 inches) from the camera.

6. Once connected, the camera will indicate successful pairing, and you can name your device within the app.

3.4 Mounting the Camera

Choose a suitable location for installation. Ensure the area receives adequate sunlight for the solar panel and is within range of your 2.4GHz Wi-Fi network. The camera is designed for outdoor use and can be wall-mounted.

Figure 3.4.1: The ANRAN C3 camera mounted on an exterior wall, demonstrating its integrated solar panel for continuous power.

1. Use the provided mounting template sticker to mark the drill holes on the wall.

2. Drill holes using a 6mm drill bit.

3. Insert the wall plugs into the drilled holes.

4. Attach the mounting bracket to the wall using the screws.

5. Secure the camera onto the mounting bracket. Adjust the angle for optimal viewing and solar panel exposure.

Figure 3.4.2: Illustration of the simple, wireless installation process for the ANRAN C3 camera, highlighting its ease of setup.

4. OPERATING THE CAMERA

4.1 Live View and Remote Control

Once connected, you can access the live video feed from your camera anytime, anywhere via the ANRAN app. The app allows for remote control and monitoring of your designated area.

Figure 4.1: The ANRAN app interface demonstrating live view, two-way audio, and multi-user sharing capabilities across different devices.

4.2 2K Crisp Image and Dual Night Modes

The ANRAN C3 captures video in 2K (3MP, 2048 x 1536) resolution, providing clear and detailed images. It offers two night vision modes:

- **Black and White Night Vision:** Standard infrared night vision.
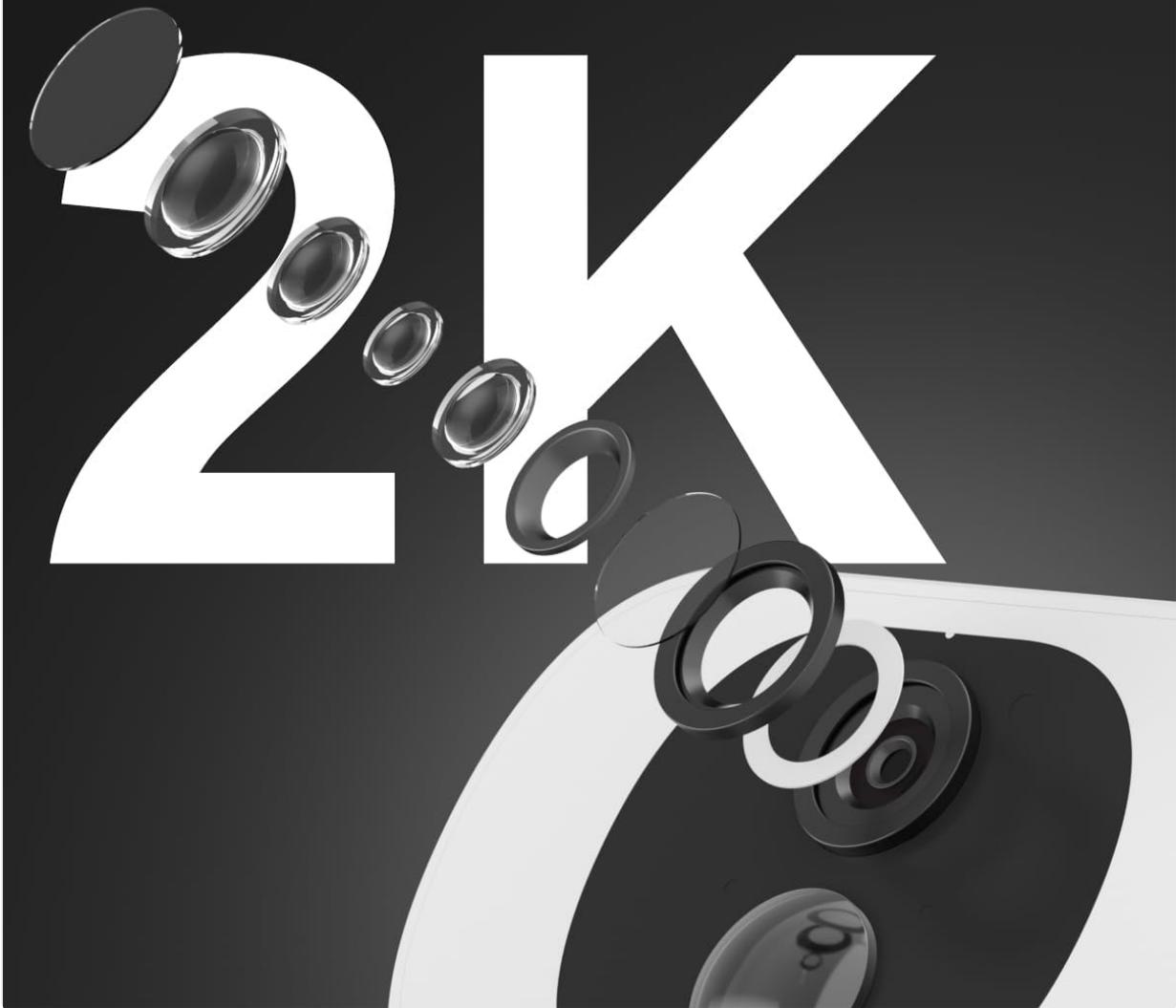- **Color Night Vision:** Activated by the built-in spotlight, providing full-color video even in low-light

conditions.

Figure 4.2.1: Visual representation of the 2K image quality and wide 130-degree coverage provided by the ANRAN C3 camera.

Figure 4.2.2: The ANRAN app displaying color night vision capabilities, along with options to activate the siren and spotlight.

4.3 PIR Motion Detection and Smart Siren

The camera features a PIR (Passive Infrared) motion detection sensor that accurately detects human-like movement. When motion is detected, the camera will:

- Automatically activate the built-in spotlight.
- Trigger the siren (if enabled in settings).
- Send instant notifications to your smartphone via the app.
- Begin recording the event.

You can adjust the detection sensitivity within the app to minimize false alerts.
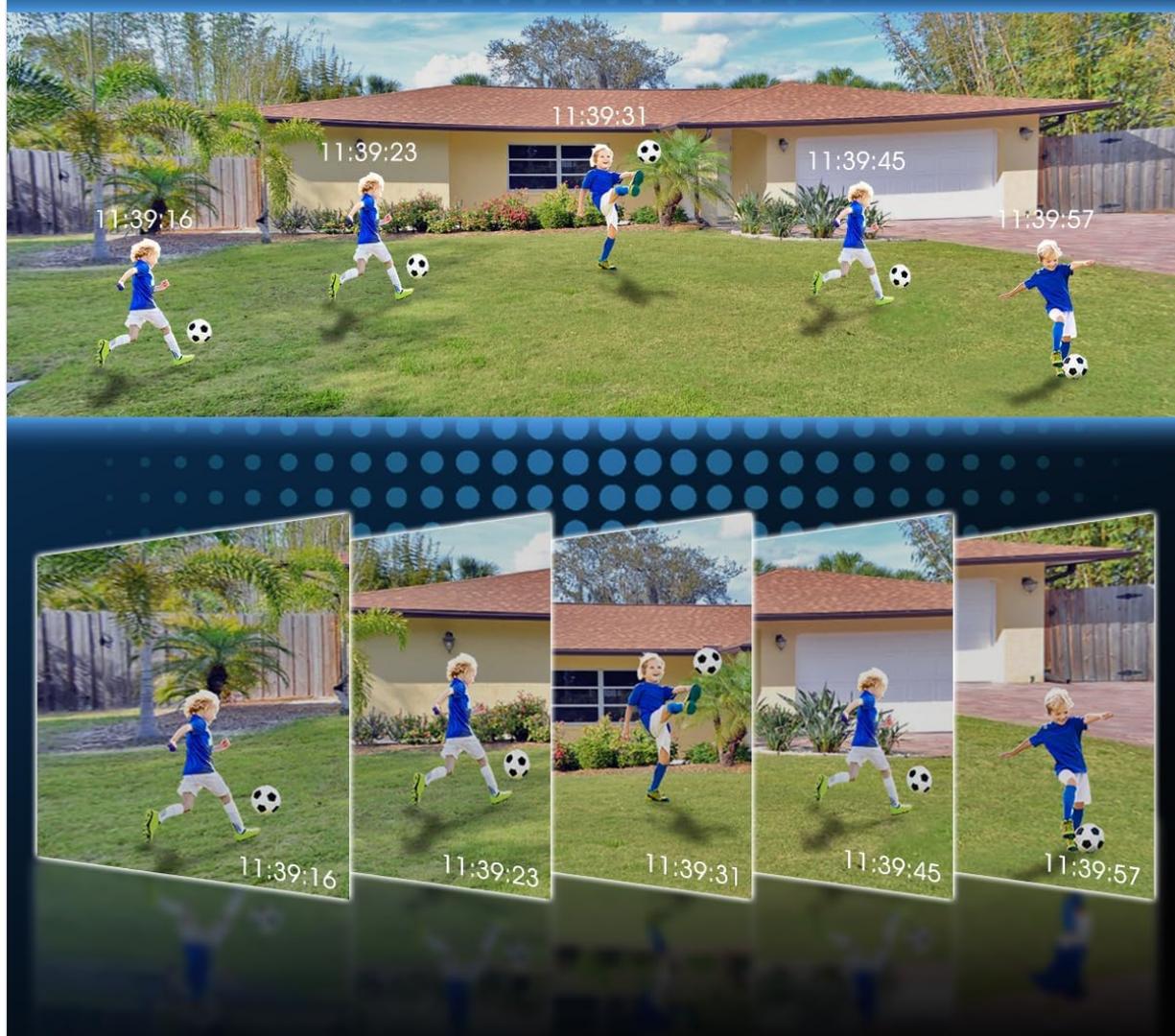
Figure 4.3: A series of snapshots demonstrating the camera's PIR humanoid detection, focusing on relevant motion events.

4.4 Two-Way Audio

The camera is equipped with a built-in microphone and speaker, enabling real-time two-way audio communication. Use this feature to:

- Communicate with visitors at your door.
- Warn off intruders.
- Interact with family members or pets within the camera's view.

4.5 Storage Options

The ANRAN C3 supports local storage via a microSD card (not included) for recorded events. Alternatively,

cloud storage subscription options may be available through the ANRAN app for continuous recording or extended storage.

5. MAINTENANCE

5.1 Solar Panel Efficiency

To ensure optimal charging, regularly clean the integrated solar panel to remove dust, dirt, or debris that may obstruct sunlight. Position the camera in an area that receives maximum direct sunlight throughout the day.

5.2 Cleaning the Camera

Wipe the camera lens and body with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the camera's surface or lens.

5.3 Firmware Updates

Periodically check the ANRAN app for available firmware updates. Keeping your camera's firmware updated ensures optimal performance, security, and access to new features.

6. TROUBLESHOOTING

6.1 Camera Not Connecting to Wi-Fi

- Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz networks.
- Check Wi-Fi signal strength at the camera's location. Move the camera closer to the router if necessary.
- Verify the Wi-Fi password entered in the app is correct.
- Restart your Wi-Fi router and the camera.

6.2 Poor Image Quality

- Clean the camera lens to remove any smudges or dirt.
- Ensure adequate lighting in the monitored area, especially for color night vision.
- Check your internet connection speed. A slow connection can affect live view quality.

6.3 Battery Not Charging

- Ensure the solar panel is clean and receives direct sunlight for several hours daily.
- Verify the USB charging cable is properly connected and the power adapter is functional.
- Extreme temperatures can affect battery performance.

6.4 False Motion Alerts

- Adjust the PIR motion detection sensitivity settings in the ANRAN app.
- Ensure the camera is not pointed at busy streets, swaying trees, or areas with frequent non-human movement.
- Define specific detection zones within the app to focus on critical areas.

7. SPECIFICATIONS

Feature	Detail
Model Name	ANRAN C3
Item Model Number	AR-W608
Video Resolution	2K (3MP, 2048 x 1536)
Viewing Angle	110 Degrees
Night Vision Range	20 Meters
Connectivity Technology	Wireless (Wi-Fi 2.4GHz only)
Power Source	Solar Powered, Battery Powered
Special Features	2-Way Audio, Brightness Control, Built-In Light, HD Resolution, Local Recording, Motion Sensor, Night Vision, Portable, Vandal Proof
Indoor/Outdoor Use	Outdoor
Compatible Devices	Smartphone (via ANRAN App), Amazon Alexa
Mounting Type	Wall Mount
Material	Plastic
Item Dimensions (L x W x H)	13 x 10 x 20 cm
Item Weight	540 g

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the ANRAN official website or contact ANRAN customer service directly. Details can typically be found on the product packaging or within the ANRAN app's "About Us" or "Help" section.
For common inquiries, you may also refer to the FAQ section on the ANRAN support page.