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## ANRAN C3

# ANRAN C3 3MP Solar Security Camera User Manual

Model: C3

## 1. INTRODUCTION AND PRODUCT OVERVIEW

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The ANRAN C3 Solar Security Camera is a high-performance outdoor surveillance device designed for comprehensive home protection. Featuring a 3MP (2048 x 1536) resolution, it delivers crisp 2K video quality. Its integrated solar panel ensures continuous operation, making it an ideal wire-free solution. The camera offers a 360° view with pan and tilt capabilities, dual night vision modes (black and white or color), intelligent human detection, and a built-in siren for enhanced security. It also supports multi-user sharing and is compatible with Alexa for convenient voice control.



Figure 1.1: ANRAN C3 Solar Security Camera, illustrating both the bullet-style and PTZ dome-style camera options.

## 2. PRODUCT FEATURES

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- **2K Crisp Image & Dual Night Modes:** Captures video in 3MP (2048 x 1536) resolution, providing 1.5 times more detail than 1080p. Offers selectable black and white or color night vision modes for optimal clarity in low-light conditions.

# High Efficiency & Energy Saving

**6W**

Solar Panel Embedded

**2Hrs**

Sun Exposure Is Enough for A Day



Figure 2.1: Demonstration of 2K QHD video quality, highlighting clear details captured by the camera.



Figure 2.2: Comparison illustrating the effectiveness of both black and white night vision and color night vision with spotlights.

- **Embedded Solar Panel & Alexa Integration:** Features an integrated solar panel for efficient, continuous charging, enabling 365 days of uninterrupted operation. The camera is compatible with Alexa for voice-controlled viewing of camera footage.

# Integrated Solar Panel

Efficient Charging



Figure 2.3: Visual representation of the integrated solar panel providing efficient charging to the camera.

# See Clearer Details



Figure 2.4: Detail of the solar panel, indicating its 6W power output and the efficiency of requiring only 2 hours of sun exposure for a full day's charge.

- **Intelligent Human Detection Siren & Multi-User Sharing:** Equipped with a PIR motion detection sensor that triggers floodlights and a siren upon detecting unexpected visitors, sending instant notifications. Supports sharing remote access with multiple family members.
- **360° View:** Offers 355° pan and 90° tilt capabilities to cover a wide area without blind spots, ensuring comprehensive surveillance.



Figure 2.5: Illustration of the camera's 355-degree pan and 90-degree tilt functionality, allowing extensive coverage.

- **Weather Resistance:** Designed to withstand various weather conditions, rated IP67 for protection against dust and water ingress.



Figure 2.6: The camera operating in rainy conditions, demonstrating its IP67 weather resistance and ability to function between -20°C and 50°C.

### 3. SETUP GUIDE

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#### 3.1 Before Installation

- Ensure your Wi-Fi network is **2.4GHz**. The camera does not support 5GHz Wi-Fi.
- Charge the camera fully before initial use, if possible, or ensure it receives adequate sunlight at the installation site.

- Test the camera's connection and functionality near your Wi-Fi router before permanent installation.

## 3.2 App Download and Account Creation

1. Download the official ANRAN app from your smartphone's app store (iOS App Store or Google Play Store).
2. Open the app and follow the on-screen instructions to create a new account or log in if you already have one.

## 3.3 Camera Pairing

1. In the ANRAN app, tap the "+" icon to add a new device.
2. Select the appropriate camera model (ANRAN C3) from the list.
3. Follow the app's instructions to connect the camera to your 2.4GHz Wi-Fi network. This typically involves scanning a QR code displayed on your phone with the camera's lens.
4. Once connected, name your camera and complete the setup process.

## 3.4 Installation Location and Mounting

- Choose a location that provides optimal sunlight exposure for the solar panel throughout the day to ensure continuous charging.
- Ensure the chosen location has strong 2.4GHz Wi-Fi signal coverage.
- Mount the camera securely using the provided mounting bracket and screws. Drill pilot holes if necessary.
- Adjust the camera's angle to cover your desired surveillance area.

# 4. OPERATING INSTRUCTIONS

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## 4.1 Live View and Playback

- Open the ANRAN app and select your camera from the device list to access the live view.
- Use the on-screen controls to pan (355°) and tilt (90°) the camera to adjust the viewing angle.
- To review recorded footage, navigate to the playback section within the app and select the desired date and time.

## 4.2 Motion Detection and Alerts

- Access the camera settings in the app to configure motion detection sensitivity and detection zones.
- Enable push notifications to receive instant alerts on your smartphone when motion is detected.
- Configure the siren and floodlight activation upon detection, if desired.

## 4.3 Night Vision Modes

- The camera automatically switches to night vision in low-light conditions.
- You can select between black and white infrared night vision or full-color night vision (when floodlights are activated) in the camera settings.

## 4.4 Multi-User Sharing

- To share camera access with family members, go to the sharing options in the app.
- Invite other users by entering their ANRAN app account details. You can set different permission levels for shared users.

## 4.5 Alexa Integration

- Enable the ANRAN skill in your Alexa app.
- Link your ANRAN account with Alexa.
- You can then use voice commands like "Alexa, show me the [camera name]" to view the live feed on compatible Alexa devices.

## 5. MAINTENANCE

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- **Solar Panel Cleaning:** Periodically clean the surface of the solar panel with a soft, damp cloth to ensure maximum sunlight absorption and charging efficiency. Avoid abrasive cleaners.
- **Lens Cleaning:** Gently wipe the camera lens with a microfiber cloth to remove dust or smudges that may affect image clarity.
- **Firmware Updates:** Check the ANRAN app regularly for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance, security, and access to new features.
- **Connection Check:** Occasionally verify the camera's Wi-Fi connection strength in the app to ensure stable operation.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Camera offline / Cannot connect to Wi-Fi	Weak Wi-Fi signal; Incorrect Wi-Fi password; 5GHz Wi-Fi network; Router too far.	Ensure camera is within 2.4GHz Wi-Fi range. Verify Wi-Fi password. Move camera closer to router or use a Wi-Fi extender. Reset camera and re-pair.
Poor image quality	Dirty lens; Insufficient lighting; Network bandwidth issues.	Clean the camera lens. Ensure adequate lighting for color night vision. Check internet speed.
Motion detection not working or too sensitive	Incorrect sensitivity settings; Obstructions in detection zone; Environmental factors (e.g., swaying trees).	Adjust motion detection sensitivity in the app. Define specific detection zones. Clear any obstructions.
Battery not charging via solar panel	Insufficient sunlight; Dirty solar panel; Panel obstructed.	Relocate camera to an area with more direct sunlight. Clean the solar panel. Ensure no objects are blocking the panel.
Notifications not received	App notifications disabled; Phone settings blocking notifications; Camera offline.	Enable push notifications in the ANRAN app and your phone's system settings. Ensure camera is online.

## 7. SPECIFICATIONS

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Feature	Detail
Model	ANRAN C3
Resolution	3MP (2048 x 1536), 2K QHD

Feature	Detail
Connectivity	2.4GHz Wi-Fi (Does not support 5GHz)
Pan/Tilt Range	355° Pan, 90° Tilt
Night Vision	Black & White IR, Color Night Vision (with spotlights)
Power Source	Embedded Solar Panel (6W)
Weather Resistance	IP67
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage	Cloud Storage / Local Storage (MicroSD card, not specified if included)
Smart Home Integration	Alexa

## 8. WARRANTY AND SUPPORT

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ANRAN offers a **365-day warranty** for the C3 Solar Security Camera, ensuring peace of mind regarding product defects and malfunctions. Additionally, a **30-day no-reason refund** policy is in place for customer satisfaction.

Your video data is encrypted to ensure privacy and security. No one can access your video unless you grant explicit permission.

For technical support, troubleshooting assistance, or warranty claims, please contact ANRAN customer service.

Professional technical support is available to provide satisfactory solutions to any issues you may encounter during use.

*Please refer to the official ANRAN website or your purchase documentation for the most current contact information.*