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ANRAN C3, Q01

ANRAN C3 & Q01 2K Solar Security Cameras User Manual

Wireless Outdoor Security Solutions

1. Introduction

Welcome to the user manual for your ANRAN C3 and Q01 2K Solar Security Cameras. This guide provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new wireless outdoor security system. These cameras are designed to offer reliable surveillance with the convenience of solar power and wireless connectivity.
The bundle includes two distinct camera models: the ANRAN C3, a fixed-angle bullet camera, and the ANRAN Q01, a pan-tilt-zoom (PTZ) camera with 360° view capabilities. Both cameras feature 2K resolution for clear imaging, dual night vision modes, and two-way audio communication.

Image 1.1: ANRAN C3 (top) and Q01 (bottom) Solar Security Cameras.

2. Product Overview

2.1 ANRAN C3 2K Solar Security Camera

The ANRAN C3 camera is a fixed-angle outdoor security camera featuring an integrated solar panel for continuous power. It delivers crisp 2K resolution video and offers flexible night vision options.

- **2K Crisp Image & Dual Night Modes:** Captures video in 2K (3MP, 2048 x 1536) resolution. Supports both black and white and color night vision modes.
- **Solar Powered & 100% Wire-Free:** Equipped with a high-efficiency integrated solar panel and rechargeable battery for uninterrupted operation. Supports 2.4GHz WiFi only.
- **Easy to Install:** Designed for quick and simple installation with minimal tools.
- **PIR Motion Detection:** Sends instant alarm notifications, records video, and activates an alarm sound and spotlight upon detecting motion.
- **2-way Talk & Multi-user Sharing:** Built-in microphone and speaker allow for two-way communication. Supports

sharing live view with up to 4 devices.

- **Works with Alexa:** Compatible with Alexa for voice control and viewing camera footage.
- **IP67 Weatherproof:** Designed to withstand various weather conditions, including wind and rain, with an operating temperature range of -20° to 50°C.

Image 2.1: The ANRAN C3 camera features an integrated solar panel for efficient charging.

Image 2.2: The ANRAN C3 camera is IP67 rated, designed to defy wind and rain.

2.2 ANRAN Q01 2K Solar Outdoor Camera with 360° View

The ANRAN Q01 camera offers a comprehensive 360° view with pan and tilt capabilities, ensuring wider coverage. It also features solar power and advanced detection functionalities.

- **2K Resolution & 360° View:** Provides 2K resolution video with 355° pan and 90° tilt functionality to cover every corner.

- **Solar Powered & Wireless:** Utilizes a separate solar panel for power and connects via 2.4GHz WiFi only.
- **Smart Siren & Spotlights:** Equipped with a smart siren and spotlights to deter intruders.
- **Color Night Vision:** Offers clear color night vision in low-light conditions.
- **PIR Human Detection:** Advanced PIR and AI person detection reduces false alarms.
- **2-Way Talk:** Enables real-time two-way audio communication.
- **IP65 Weatherproof:** Suitable for outdoor use with IP65 weather resistance.
- **Works with Alexa/Google Home:** Integrates with smart home ecosystems for convenient control.

Image 2.3: Key features of the ANRAN Q01 2K PTZ Solar Camera, including 2K resolution, 2-way audio, motion alert, and color night vision.

Image 2.4: The ANRAN Q01 camera offers 355° pan and 90° tilt for comprehensive coverage.

Image 2.5: Comparison of night vision modes for the ANRAN Q01, showing clear 2K FHD resolution.

3. Setup Guide

Follow these steps to set up your ANRAN solar security cameras:

1. **Initial Charging:** Before first use, fully charge the camera's internal battery using a 5V USB charger (not included). This ensures the camera has enough power to connect to Wi-Fi and receive initial solar charging.
2. **Download the ANRAN App:** Search for "ANRAN" in your mobile app store (iOS App Store or Google Play Store) and download the official application.

3. **Create an Account:** Open the ANRAN app and register a new account. Follow the on-screen prompts to complete the registration process.
4. **Add Device:**
    - Tap the "+" icon in the app to add a new device.
    - Select your camera model (C3 or Q01) from the list.
    - Power on the camera. The camera will enter pairing mode (indicated by a flashing LED light).
    - Connect your phone to a **2.4GHz Wi-Fi network**. 5GHz Wi-Fi is not supported.
    - Enter your Wi-Fi password in the app.
    - The app will generate a QR code. Hold your phone's screen in front of the camera lens (approx. 15-20 cm / 6-8 inches) until you hear a confirmation sound from the camera.
    - Once connected, name your camera and complete the setup.
5. **Mounting Location:**
    - Choose a location with strong 2.4GHz Wi-Fi signal coverage.
    - Ensure the solar panel receives direct sunlight for several hours each day to maintain battery charge. Avoid shaded areas.
    - Mount the camera at a height that provides optimal viewing angle and motion detection range.
6. **Installation:** Use the provided mounting bracket and screws to securely attach the camera to a wall or ceiling. For the Q01, ensure the solar panel is positioned to maximize sun exposure.

4. Operating Instructions

4.1 Live View and Playback

- **Live View:** Open the ANRAN app and tap on the camera's name to access the live video feed.
- **Playback:** Access recorded events from the app's playback section. You can filter by date and event type.

4.2 Motion Detection Settings

- Navigate to the camera settings in the app.
- Adjust motion detection sensitivity to minimize false alarms.
- Set up detection zones to focus on specific areas.
- Enable or disable alarm sound and spotlight activation upon detection.

4.3 Two-Way Audio

- While in live view, tap the microphone icon to speak through the camera's speaker.
- Tap the speaker icon to listen to audio from the camera's microphone.

4.4 Night Vision Modes (C3)

- In camera settings, select between black and white night vision or color night vision based on your preference and lighting conditions.

4.5 Pan and Tilt Control (Q01)

- In the live view for the Q01 camera, use the on-screen joystick or directional arrows to remotely pan (left/right) and tilt (up/down) the camera lens.

4.6 Multi-User Sharing

- From the camera settings, select "Share Device" to generate a QR code.
- Other users with the ANRAN app can scan this QR code to gain access to the camera's live view and features (up to 4 devices simultaneously).

4.7 Alexa Integration

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

5. Maintenance

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may reduce charging efficiency.
- **Check Battery Status:** Monitor the battery level in the ANRAN app. If the battery consistently runs low, ensure the solar panel is receiving adequate sunlight.
- **Firmware Updates:** Check the ANRAN app regularly for firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance and security.
- **Clear View:** Ensure the camera lens is clean and free from obstructions (e.g., spiderwebs, leaves) that could impair image quality or motion detection.

6. Troubleshooting

Problem	Possible Cause	Solution
Camera not powering on/charging	Low battery; insufficient sunlight; faulty charging cable/adapter.	Ensure initial full charge via USB. Relocate camera to an area with more direct sunlight. Check USB cable and adapter.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; connecting to 5GHz Wi-Fi; weak Wi-Fi signal; camera too far from router.	Verify Wi-Fi password. Ensure you are connecting to a 2.4GHz network. Move camera closer to the router or use a Wi-Fi extender. Restart router and camera.
Frequent false motion alarms	High sensitivity setting; environmental factors (e.g., trees, shadows, insects).	Reduce motion detection sensitivity in the app. Adjust detection zones to exclude areas with frequent irrelevant movement.
Missed motion events	Low sensitivity setting; camera placement; network issues.	Increase motion detection sensitivity. Ensure camera is placed to capture desired activity. Check Wi-Fi signal strength.
Poor image quality	Dirty lens; low light conditions; network bandwidth.	Clean the camera lens. Ensure adequate lighting for optimal image quality. Check network speed.
Two-way audio not working	Microphone/speaker disabled in app; volume too low; network delay.	Check audio settings in the app. Ensure phone volume is up. Verify network stability.

7. Specifications

- **Resolution:** 2K (3MP, 2048 x 1536)
- **Connectivity:** 2.4GHz Wi-Fi (IEEE 802.11b/g/n) - *5GHz Wi-Fi not supported*
- **Power Source:** Solar Panel with Rechargeable Battery
- **Night Vision:** Black & White, Color Night Vision (depending on model and settings)
- **Audio:** Built-in Microphone and Speaker (Two-Way Talk)
- **Motion Detection:** PIR (Passive Infrared) Sensor, AI Human Detection
- **Storage:** Supports TF Card (MicroSD) and Cloud Storage (subscription may be required)
- **Weather Resistance:**
  - ANRAN C3: IP67
  - ANRAN Q01: IP65
- **Operating Temperature:** -20°C to 50°C (-4°F to 122°F)
- **Pan/Tilt (Q01 only):** 355° Horizontal Pan, 90° Vertical Tilt

8. Warranty and Support

For warranty information and technical support, please refer to the ANRAN official website or contact ANRAN customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.
Online Support: Visit the ANRAN official website for FAQs, troubleshooting guides, and contact information.
Seller: ANRAN-US-Direct

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