ANRAN Q04

ANRAN Q04 Solar 4G LTE Security Camera User Manual

Model: Q04

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANRAN Q04 Solar 4G LTE Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

PACKAGE CONTENTS

Verify that all components are present in your package. If any items are missing or damaged, please contact customer support.

- ANRAN Q04 Solar 4G LTE Security Camera(s)
- Solar Panel (integrated or separate, depending on model variant)
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual (this document)
- SIM Card (pre-installed or included, depending on region/package)
- MicroSD Card (optional, may be included in some packages)

PRODUCT OVERVIEW

The ANRAN Q04 camera is a wireless outdoor security solution featuring 4G LTE connectivity and solar power. It is designed for continuous surveillance in locations without Wi-Fi access or consistent power supply.

Image: ANRAN Q04 black solar security camera, highlighting the inclusion of a SIM card and a 32GB microSD card.

Key Features:

- **4G LTE Connectivity:** Operates independently without Wi-Fi.
- **Solar Powered:** Integrated solar panel for continuous charging of the built-in 9600mAh battery.
- **100% Wire-Free:** Flexible placement without power cables.
- **Three Night Vision Modes:** Smart, Color, and Infrared for clear visibility in low light.
- **IP66 Weatherproof:** Designed for outdoor use, resistant to dust and water.
- **Local & Cloud Storage:** Supports up to 128GB MicroSD card (not included) and offers cloud storage options.
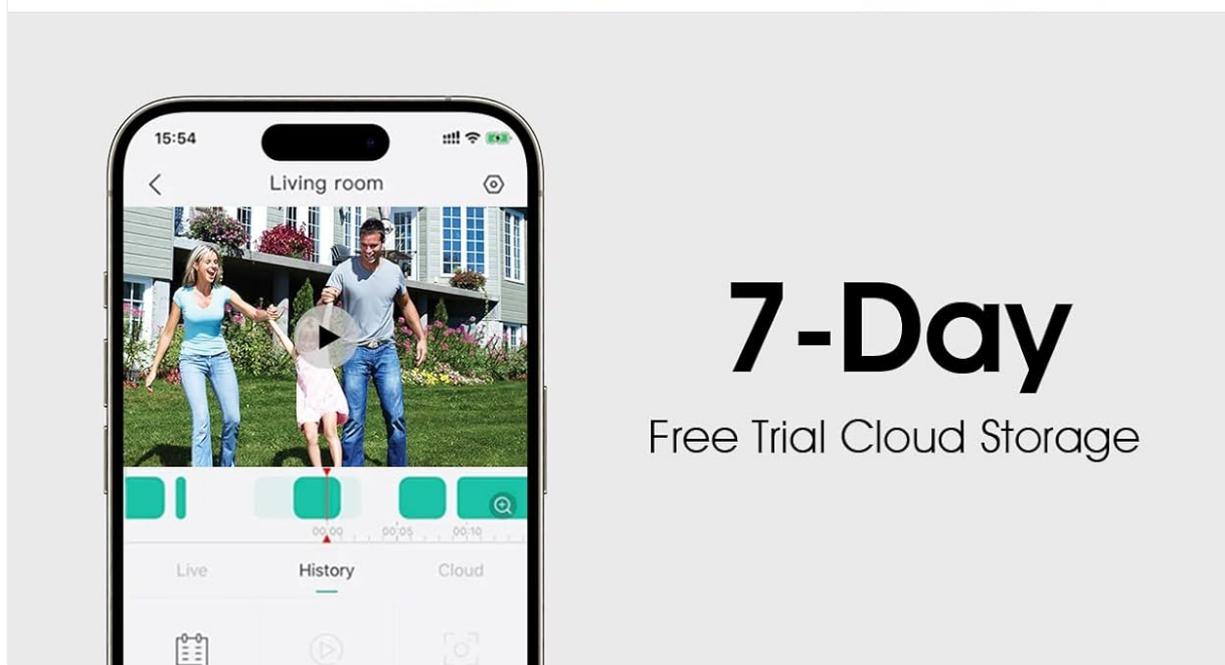
SETUP

1. Initial Charging

Before first use, fully charge the camera's internal battery using the provided USB cable and a 5V/2A power adapter (not included). A full charge ensures optimal performance, especially during initial setup or periods of low sunlight.

2. SIM Card & MicroSD Card Installation

1. Locate the SIM card slot and MicroSD card slot on the camera (usually under a rubber seal).
2. Insert the 4G LTE SIM card (ensure it is activated and has a data plan) into the SIM slot with the gold contacts facing down.
3. Insert a MicroSD card (up to 128GB, Class 10 or higher recommended) into the MicroSD slot if local storage is desired.
4. Securely close the rubber seal to maintain waterproofing.

Image: ANRAN Q04 white solar security camera with an arrow pointing to the MicroSD card slot, indicating local storage capability up to 128GB.

3. App Download & Account Creation

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

4. Camera Pairing/Connection

1. Power on the camera. Wait for the indicator light to show it's ready for pairing (refer to the camera's LED indicator guide in the app or a separate quick start guide).
2. In the ANRAN app, tap the "+" icon to add a new device.
3. Select "4G Camera" or the appropriate camera type.
4. Follow the on-screen instructions to scan the QR code on the camera or manually enter its device ID.
5. Once connected, you can name your camera and configure initial settings.

5. Mounting Instructions

Choose a location that receives ample direct sunlight for the solar panel and provides the desired viewing angle.

1. Mark the drilling points on the wall or mounting surface using the mounting bracket as a template.
2. Drill pilot holes and insert wall anchors if necessary.
3. Attach the mounting bracket to the surface using the provided screws.
4. Secure the camera to the mounting bracket.
5. Adjust the camera angle and solar panel orientation for optimal sunlight exposure and coverage.

Simple Installation
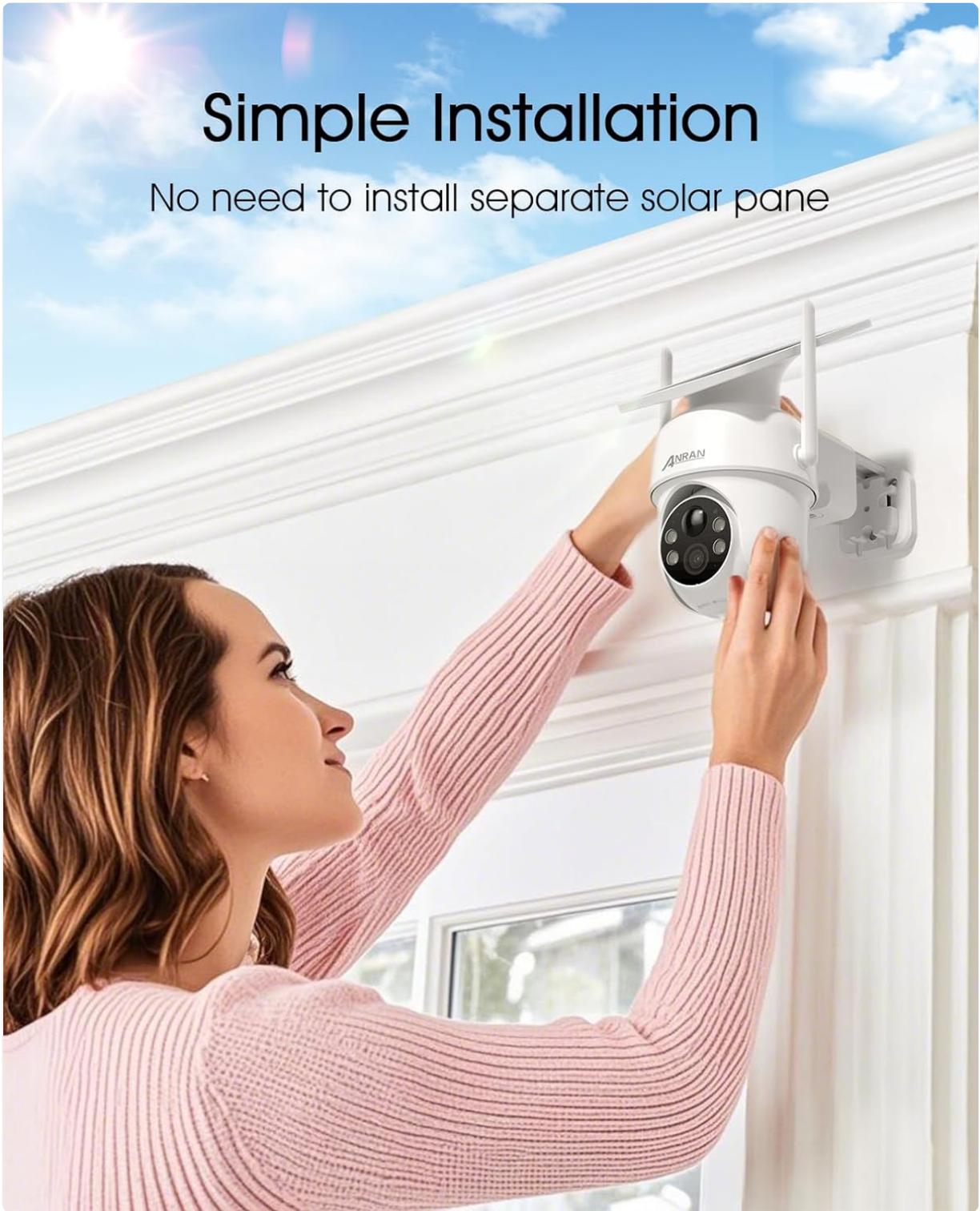
No need to install separate solar pane

Image: A woman installing an ANRAN Q04 white solar security camera on an outdoor wall, demonstrating simple installation.

Image: An ANRAN Q04 black solar security camera mounted on a tree, illustrating its 100% wire-free and 4G capabilities, powered by an integrated solar panel.

OPERATING THE CAMERA

1. Live View

Open the ANRAN app and select your camera from the device list. The live view will display the real-time feed from your camera. You can use on-screen controls for pan/tilt (if supported by your model), zoom, and two-way audio.

2. Recording & Playback

The camera records video based on motion detection or continuous recording settings (if configured).

- **Local Storage:** Recordings are saved to the installed MicroSD card. Access them via the app's playback section.
- **Cloud Storage:** If subscribed, recordings are uploaded to the cloud. Access them through the app's cloud history.

3. Night Vision Modes

The ANRAN Q04 supports three night vision modes, which can be configured in the app settings:

- **Smart Mode:** Automatically switches between infrared and color night vision based on detected motion or ambient light.
- **Color Mode:** Utilizes built-in spotlights to provide full-color video in low-light conditions.
- **Infrared Mode:** Uses infrared LEDs for black and white video in complete darkness.

4. Motion Detection Settings

Configure motion detection sensitivity, detection zones, and notification preferences within the ANRAN app. This allows you to receive alerts only for relevant events.

MAINTENANCE

1. Cleaning

- Regularly wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, or debris.
- Ensure the solar panel is clean for efficient charging.
- Do not use harsh chemicals or abrasive cleaners.

2. Battery Care

- The camera is designed for continuous solar charging. Ensure the solar panel receives adequate direct sunlight daily.
- If the camera is installed in a shaded area or during prolonged periods of low sunlight, occasional manual charging via USB may be required.
- Avoid extreme temperatures that can degrade battery performance.

Image: ANRAN Q04 black solar security camera with its solar panel, illustrating its capability for 365 days of non-stop solar power due to the 9600mAh battery and IP66 waterproof rating.

TROUBLESHOOTING

Problem	Possible Solution
Camera not powering on.	Ensure the battery is charged. Connect to a USB power source for initial charging. Check the power button.
No 4G signal.	Verify the SIM card is correctly inserted and activated with a data plan. Check network coverage in the installation area. Try restarting the camera.

Problem	Possible Solution
Cannot connect to the app.	Ensure the camera is powered on and the SIM card has an active data connection. Restart the app and the camera. Follow the pairing steps again.
Poor video quality at night.	Check night vision settings in the app (Smart, Color, Infrared). Ensure the camera lens is clean and not obstructed.
Battery not charging via solar.	Ensure the solar panel is clean and receives at least 4-6 hours of direct sunlight daily. Reposition the camera or panel if necessary.

SPECIFICATIONS

- **Model:** Q04
- **Connectivity:** 4G LTE (SIM card required)
- **Power:** Solar Panel with 9600mAh Rechargeable Battery
- **Storage:** MicroSD Card (up to 128GB, not included), Cloud Storage (subscription optional)
- **Weather Resistance:** IP66 Waterproof and Dustproof
- **Operating Temperature:** -40°F to 140°F (-40°C to 60°C)
- **Night Vision:** Smart, Color, Infrared Modes
- **Audio:** Two-way audio

Image: ANRAN Q04 white solar security camera operating outdoors in the rain, demonstrating its IP66 waterproof and dustproof rating and ability to withstand temperatures from -40°F to 140°F.

WARRANTY AND SUPPORT

ANRAN products typically come with a limited warranty. Please refer to the warranty card included in your package or visit the official ANRAN website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact ANRAN customer service through their official website or the contact information provided in your product packaging.

Website: www.anran-cctv.com (Please verify official website)