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› ANRAN Q01 Solar Security Camera User Manual

ANRAN Q01

ANRAN Q01 Solar Security Camera User Manual

WIRELESS OUTDOOR CAMERA WITH 360° VIEW, 2K RESOLUTION

1. Introduction

Thank you for choosing the ANRAN Q01 Solar Security Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your new wireless outdoor camera. Designed for comprehensive home protection, the ANRAN Q01 features 2K HD resolution, a 360° panoramic view, and is powered by an efficient solar panel, ensuring continuous operation without frequent battery replacements. Its robust design is IP65 weatherproof, making it suitable for various outdoor conditions.



Figure 1: ANRAN Q01 Solar Security Camera (Two-Pack)

The camera offers advanced features such as PIR human detection, multi-alarm modes, and two-way audio communication, all accessible via the ANRAN/CloudEdge app. Please read this manual thoroughly to ensure proper setup and optimal performance of your security system.

2. Setup and Installation

Before installation, ensure your camera is fully charged. The solar panel will maintain the charge, but an initial charge is recommended. The camera connects via 2.4G Wi-Fi only; 5G Wi-Fi is not supported.

2.1 Package Contents

- ANRAN Q01 Solar Security Camera(s)
- Solar Panel
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual

2.2 App Download and Account Setup

Download the 'ANRAN' or 'CloudEdge' app from your mobile device's app store (iOS App Store or Google Play Store). Register for a new account or log in if you already have one.

2.3 Camera Pairing and Wi-Fi Connection

1. Power on the camera.
2. Open the ANRAN/CloudEdge app and follow the on-screen instructions to add a new device.
3. Select your 2.4G Wi-Fi network and enter the password.
4. Scan the QR code displayed on your phone with the camera lens.
5. Once connected, the camera will indicate successful pairing.

Q01 2K PTZ Solar Camera



Figure 2: ANRAN Q01 Key Features Overview

2.4 Mounting the Camera and Solar Panel

Choose a location with optimal sunlight exposure for the solar panel and a clear view for the camera. Ensure the camera is within range of your 2.4G Wi-Fi network.

- Securely attach the mounting bracket to a wall or surface using the provided screws.
- Attach the camera to the bracket.

- Position the solar panel to receive maximum direct sunlight throughout the day. Connect the solar panel cable to the camera.



Figure 3: Camera Pan and Tilt Capabilities

3. Operating the Camera

The ANRAN Q01 camera offers a range of features to enhance your security monitoring.

3.1 Live View and Playback

Access the live feed from your camera anytime, anywhere via the ANRAN/CloudEdge app. You can also review recorded footage stored on a TF card (not included) or through cloud storage options.

3.2 2K Resolution and Night Vision

The camera provides crisp 3MP HD (2K) clarity. It features excellent IR night vision and 2K color night vision, enabled by 4 powerful spotlights, ensuring clear visibility even in complete darkness.



Figure 4: 2K FHD Resolution and Night Vision Comparison

Upgrade 4 PCS Spotlights

Provide clearer images at night



Others: 2 LEDS



ANRAN Upgraded: 4 LEDS



Figure 5: Upgraded 4 PCS Spotlights for Enhanced Night Vision

3.3 Pan and Tilt Control

Control the camera's viewing angle remotely with 355° horizontal pan and 90° vertical tilt capabilities, ensuring no blind spots in your surveillance area.

3.4 PIR Human Detection and Alerts

The built-in PIR motion detection sensor accurately identifies human movement, reducing false alarms. When an

unexpected visitor is detected, the camera automatically activates floodlights and a siren, sending instant notifications to your phone via the 2.4G network.



Figure 6: Multi Alarm Modes and Intelligent Human Detection

3.5 Two-Way Audio Communication

Communicate with visitors or deter intruders using the integrated microphone and speaker. This feature allows for real-time interaction through the app.

2-Way Audio Real Time Interaction



Figure 7: Two-Way Audio Real-Time Interaction

3.6 Multi-User Access

Share camera access with family members or trusted individuals by creating guest accounts within the app, allowing multiple users to view and control the camera simultaneously.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your ANRAN Q01 camera.

4.1 Cleaning

- Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, or debris. This ensures clear image quality and efficient solar charging.
- Do not use harsh chemicals or abrasive cleaners.

4.2 Weather Resistance

The camera has an IP65 waterproof rating, designed to withstand various weather conditions, including heavy rain and extreme temperatures (-25°C to 60°C / -13°F to 140°F). While robust, avoid submerging the camera in water.

Multi Alarm Modes

Intelligent Human Detection Reduce False Detection



Figure 8: IP65 Weather Resistance

4.3 Battery and Solar Panel Check

Ensure the solar panel is free from obstructions and receives adequate sunlight. Monitor the battery level through the app to confirm consistent charging.

5. Troubleshooting

If you encounter issues with your ANRAN Q01 camera, refer to the following common problems and solutions:

- **Camera not connecting to Wi-Fi:** Ensure you are using a 2.4G Wi-Fi network. Check your Wi-Fi password and signal strength. Move the camera closer to the router if necessary.
- **No image or poor image quality:** Check the camera lens for dirt or obstructions. Ensure adequate lighting for optimal image quality, especially at night. Verify network connection stability.
- **Motion detection not working:** Ensure PIR detection is enabled in the app settings. Adjust sensitivity levels if needed. Check for obstructions in the camera's field of view.
- **Battery not charging:** Ensure the solar panel is clean and positioned to receive direct sunlight. Check the connection between the solar panel and the camera.
- **Two-way audio issues:** Check microphone and speaker settings in the app. Ensure your phone's volume is up.
- **Camera offline:** Check Wi-Fi connection and power supply. Restart the camera and your router.

For further assistance, refer to the in-app help section or contact ANRAN customer support.

6. Specifications

Model	Q01
Resolution	2K (3MP HD)
Pan/Tilt Angle	Horizontal 355°, Vertical 90°
Connectivity	2.4G Wi-Fi Only
Night Vision	IR Night Vision, 2K Color Night Vision (4 Spotlights)
Detection	PIR Human Detection
Audio	Two-Way Audio
Storage Options	TF Card (Max. 128GB, not included), Cloud Storage
Weatherproof Rating	IP65
Operating Temperature	-25°C to 60°C (-13°F to 140°F)
Power Source	Solar-Powered with Built-in Battery

7. Warranty and Support

ANRAN products are designed for reliability and performance. For specific warranty details, please refer to the product packaging or the official ANRAN website. If you encounter any issues or require technical assistance, please contact ANRAN customer support through the ANRAN/CloudEdge app or visit the ANRAN official support channels.

Please have your product model (Q01) and purchase information ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

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