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› ANRAN Q01 2K Solar WiFi PTZ Security Camera User Manual

ANRAN Q01

ANRAN Q01 2K Solar WiFi PTZ Security Camera User Manual

Model: Q01

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANRAN Q01 2K Solar WiFi PTZ Security Camera. Please read this manual thoroughly before using the product to ensure proper setup and functionality. This camera is designed for outdoor surveillance, offering 2K resolution, 360° pan and tilt capabilities, solar power, and smart detection features.

2. PACKAGE CONTENTS

Please check the package contents upon opening. If any items are missing or damaged, contact ANRAN customer support.

- ANRAN Q01 PTZ Security Camera
- Solar Panel
- Mounting Bracket
- Mounting Screws and Wall Plugs
- USB Charging Cable
- User Manual

3. PRODUCT OVERVIEW

The ANRAN Q01 camera features a robust design with advanced functionalities for comprehensive outdoor surveillance.

Q01 2K PTZ Solar Camera



2.4G WIFI Only



5G WIFI

2K

2K Resolution



2-Way Audio



Motion Alert



TF card/
Cloud Storage



Color Night Vision



IP65 Waterproof



Works with Alexa/
Google Home



PIR and AI
Person Detection

Image: Overview of the ANRAN Q01 camera, highlighting features such as 2K resolution, two-way audio, motion alert, TF card/cloud storage, color night vision, IP65 weather resistance, compatibility with Alexa/Google Home, and PIR/AI person detection.

- **2K Resolution:** Provides clear and detailed video footage.
- **3600 PTZ (Pan-Tilt-Zoom):** Offers 3550 horizontal pan and 900 vertical tilt for wide area coverage.
- **Solar Powered:** Equipped with a solar panel for continuous charging of the built-in battery, ensuring uninterrupted operation.
- **2.4GHz WiFi Connectivity:** Stable wireless connection for remote monitoring. (Note: Does not support 5GHz WiFi).

- **PIR Motion Detection & AI Person Detection:** Reduces false alarms by accurately detecting human movement.
- **Color Night Vision:** Built-in IR lights and white lights provide clear color images even in low-light conditions.
- **Two-Way Audio:** Allows for real-time communication through the camera's built-in speaker and microphone.
- **IP65 Weather Resistance:** Designed to withstand various outdoor weather conditions.

4. SETUP AND INSTALLATION

Follow these steps to set up and install your ANRAN Q01 camera.

4.1 Charging the Battery

Before initial use, fully charge the camera's built-in battery using the provided USB cable. Connect the cable to the camera's charging port and a 5V/2A power adapter (not included). The charging indicator will show the charging status.

4.2 Choosing an Installation Location

Select a location that provides a clear view of the area you wish to monitor. Ensure the solar panel receives adequate direct sunlight for optimal charging. The camera should be within range of your 2.4GHz WiFi network.



Image: The ANRAN Q01 camera mounted outdoors, demonstrating its IP65 weather resistance in rainy conditions, suitable for various climates.

4.3 Mounting the Camera and Solar Panel

The camera and solar panel can be mounted separately or together. The bracket is designed for easy installation with two screws.

1. Mark the drilling positions on the wall using the mounting bracket as a template.

2. Drill holes and insert wall plugs if necessary.
3. Secure the mounting bracket to the wall with screws.
4. Attach the camera to the mounting bracket.
5. Connect the solar panel cable to the camera's charging port.
6. Adjust the angle of the solar panel to maximize sun exposure.

5. APP SETUP AND CONNECTION

To use your ANRAN Q01 camera, you need to download and set up the companion mobile application.

1. **Download the App:** Search for "ANRAN" or "ieGeek Cam" (as mentioned in product features) in your mobile app store (App Store for iOS, Google Play Store for Android) and download the application.
2. **Register an Account:** Open the app and follow the on-screen instructions to register a new account.
3. **Add Device:** Tap the "+" icon to add a new device. Select your camera model or scan the QR code on the camera (if available).
4. **Connect to WiFi:** Follow the app's instructions to connect the camera to your 2.4GHz WiFi network. Ensure your phone is connected to the same 2.4GHz network during setup.
5. **Name Your Camera:** Assign a name to your camera for easy identification.

6. OPERATION

Once connected, you can access and control your camera through the mobile app.

6.1 Live View

Tap on the camera's name in the app to access the live video feed. You can view real-time footage from your camera.

6.2 Pan and Tilt Control

Use the directional controls within the app to remotely pan the camera 355° horizontally and tilt it 90° vertically, allowing you to cover a wide area.

355° Pan & 90° Tilt

Cover Every Corner of Your House



Image: The ANRAN Q01 camera demonstrating its 355° pan and 90° tilt capabilities, allowing comprehensive coverage of an area.

6.3 Two-Way Audio

Tap the microphone icon in the app to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's microphone. This feature is useful for communicating with visitors or deterring intruders.

2-Way Audio Real Time Interaction

Please leave the package in front of the door



Image: A visual representation of the camera's two-way audio feature, showing a user communicating with a delivery person at their door.

6.4 Motion Detection and Alerts

The camera uses PIR (Passive Infrared) and AI human detection to accurately identify motion. When motion is detected, the camera can:

- Send instant notifications to your phone.
- Record alert videos.

- Activate alert sounds (siren).
- Turn on spotlights for color night vision.

You can customize motion detection zones and sensitivity settings within the app to minimize false alarms.



Image: Illustration of the camera's multi-alarm modes, including intelligent human detection, real-time notifications, siren activation, and spotlight illumination upon detecting movement.

6.5 Night Vision

The camera supports both infrared (black and white) and color night vision. The built-in IR lights provide clear black and white footage in complete darkness, while the white spotlights enable full-color night vision when activated by motion or manually.



Image: Comparison of night vision modes, showing clear 2K FHD resolution in both standard night vision (black and white) and color night vision with spotlights activated.

7. STORAGE OPTIONS

The ANRAN Q01 camera offers flexible storage solutions for your recorded footage.

- **Local Storage (Micro SD Card):** The camera supports a Micro SD card (up to 128GB, not included) for local storage of recorded videos. Insert the card into the designated slot on the camera.
- **Cloud Storage:** A free lifetime cloud storage base service is available, which records 6-second clips with 7-day loop coverage. Optional paid cloud plans may be available for extended storage and features.

8. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your camera.

- **Clean the Lens:** Periodically wipe the camera lens with a soft, dry cloth to remove dust or smudges that may affect image clarity.
- **Check Solar Panel:** Ensure the solar panel is clean and free from obstructions (e.g., leaves, dirt) to maximize charging efficiency.
- **Firmware Updates:** Check the app regularly for firmware updates. Keeping the firmware updated ensures you have the latest features and security patches.
- **Battery Health:** While solar-powered, monitor battery levels in the app, especially during prolonged periods of low sunlight.

9. TROUBLESHOOTING

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

Problem	Possible Solution
Camera not connecting to WiFi.	◦ Ensure your router is broadcasting a 2.4GHz WiFi signal. ◦ Check WiFi password for accuracy. ◦ Move the camera closer to the router to improve signal strength. ◦ Restart the camera and your router.
Battery not charging or low battery.	◦ Ensure the solar panel is clean and receiving direct sunlight. ◦ Check the connection between the solar panel and the camera. ◦ Charge the camera directly using the USB cable and a power adapter.
Frequent false motion alerts.	◦ Adjust motion detection sensitivity in the app. ◦ Set up specific motion detection zones to exclude busy areas. ◦ Ensure AI human detection is enabled.
Poor video quality.	◦ Clean the camera lens. ◦ Check your WiFi signal strength; a weak signal can affect streaming quality. ◦ Ensure there are no obstructions in front of the lens.

If the problem persists, please contact ANRAN customer support for further assistance.

10. SPECIFICATIONS

Feature	Detail
Video Resolution	2K (3MP)
Pan/Tilt Range	3550 Pan, 900 Tilt
Power Source	Solar Powered (Rechargeable Battery)
Connectivity	2.4GHz Wi-Fi (IEEE 802.11b/g/n)
Night Vision	Infrared & Color Night Vision
Audio	Two-Way Audio
Motion Detection	PIR & AI Human Detection
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Weather Resistance	IP65
Operating Temperature	-250C to 600C (-130F to 1400F)

11. WARRANTY AND SUPPORT

ANRAN provides a warranty for this product to ensure your satisfaction.

- **Warranty Period:** The product comes with a 2-year warranty from the date of purchase.
- **Warranty Coverage:** Covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.
- **Customer Support:** If you encounter any problems or have questions regarding your ANRAN Q01 camera, please contact ANRAN customer support. You can typically find contact information on the ANRAN official website or through the purchase platform.
- **Online Resources:** Visit the ANRAN website for FAQs, updated manuals, and software downloads.

For the most up-to-date support information, please refer to the ANRAN official website or the contact details provided with your purchase.

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

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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

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