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› ANRAN Q1 Wireless Outdoor Security Camera User Manual

ANRAN Q1

ANRAN Q1 Wireless Outdoor Security Camera User Manual

Model: Q1 | Brand: ANRAN

1. INTRODUCTION

The ANRAN Q1 Wireless Outdoor Security Camera is designed to provide comprehensive surveillance for your home or property. Featuring 2K Ultra HD resolution, 360° pan and tilt capabilities, solar power, and advanced night vision, this camera offers reliable monitoring with convenient features like two-way audio and smart detection.



Figure 1.1: ANRAN Q1 Wireless Outdoor Security Camera with integrated solar panel.

2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- Security Camera x 1
- Solar Panel x 1
- Screw Pack x 1 (for mounting)

- USB Cable x 1
- User Manual x 1

3. PRODUCT OVERVIEW

Familiarize yourself with the key components and features of your ANRAN Q1 camera.

3.1 Camera Design and Features

The graphic features a white ANRAN Q01 2K PTZ Solar Camera mounted on a grey wall. A solar panel is attached to the back of the camera, and a cable connects it to a blue background on the right. The blue background shows a bright sun and a line of green trees at the bottom. Various icons and text are arranged around the camera to highlight its features.

Q01 2K PTZ Solar Camera

- 2.4G WIFI Only
- 5G WIFI
- 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

Figure 3.1: Overview of camera features including 2K resolution, 2-way audio, and motion alerts.

The ANRAN Q1 camera features a robust design with dual antennas for stable 2.4G WiFi connectivity (5G WiFi is not supported). It provides 2K resolution for clear video, supports two-way audio communication, and includes motion alert capabilities. Storage options include TF card (up to 128GB, not included) and cloud storage. It also offers color night vision, is IP65 waterproof, and is compatible with Alexa and Google Home for smart integration. PIR and person detection enhance security by reducing false alarms.

3.2 Pan & Tilt Functionality



Figure 3.2: Illustrates the camera's 355° pan and 90° tilt range for comprehensive coverage.

The camera offers a wide viewing angle with 355° horizontal pan and 90° vertical tilt, allowing you to remotely adjust the camera's perspective to cover a large area and eliminate blind spots.

3.3 Night Vision Modes



Figure 3.3: Depicts the three available night vision modes: Infrared, Color, and Alarm.

The ANRAN Q1 camera provides three distinct night vision modes: **Infrared Mode** for standard black and white night vision, **Color Mode** which utilizes built-in spotlights for full-color night vision, and **Alarm Mode** which activates spotlights and a siren upon detection to deter intruders.

3.4 Weather Resistance



Figure 3.4: The camera is rated IP65 for weather resistance, suitable for outdoor use in various conditions. With an IP65 weather resistance rating, the ANRAN Q1 camera is designed to withstand various outdoor conditions, ensuring reliable operation in rain, snow, and extreme temperatures ranging from -25°C (-13°F) to 60°C (140°F).

4. SETUP

Follow these steps to set up your ANRAN Q1 camera:

1. **Charge the Camera:** Before installation, fully charge the camera using the provided USB cable.
2. **Download the App:** Download the "CloudEdge" app from your smartphone's app store (available on Google Play and Apple App Store).

3. **Create an Account:** Open the CloudEdge app and register a new account or log in if you already have one.
4. **Add Device:** In the app, tap the '+' icon to add a new device. Select your camera model.
5. **Connect to Wi-Fi:** Follow the in-app instructions to connect the camera to your 2.4GHz Wi-Fi network. Ensure your phone is also connected to the same 2.4GHz network. *Note: 5GHz Wi-Fi is not supported.*
6. **Mount the Camera:**
 - Choose a suitable location for installation, ensuring good Wi-Fi signal and adequate sunlight exposure for the solar panel.
 - Use the included screw pack and mounting template (if provided) to securely attach the camera and solar panel to a wall or desired surface.
 - Connect the solar panel cable to the camera.

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Video 4.1: Official ANRAN video demonstrating the installation process for the Q1 Wireless Battery Camera outdoors. This video provides visual guidance on mounting the camera and connecting the solar panel.

7. **Final Adjustments:** Once mounted, use the app to adjust the camera's pan and tilt angles to achieve the desired viewing area.

5. OPERATING THE CAMERA

Learn how to utilize the various functions of your ANRAN Q1 camera through the CloudEdge app.

- **Live View:** Access real-time video feed from your camera anytime, anywhere via the app.
- **Pan & Tilt Control:** Use the directional controls within the app to remotely adjust the camera's horizontal (355°) and vertical (90°) viewing angles.
- **Two-Way Audio:** Utilize the built-in microphone and speaker to communicate with visitors or deter unwanted individuals.

Multi Alarm Modes

Intelligent Human Detection Reduce False Detection



Figure 5.1: Demonstrates the two-way audio feature, allowing real-time interaction through the camera.

- **Motion Detection & Alerts:** The camera features PIR human detection to minimize false alarms. When motion is detected, you will receive instant notifications on your smartphone.



Figure 5.2: Illustrates the intelligent human detection and various alarm modes available.

- **Night Vision Settings:** Switch between Infrared, Color, and Smart night vision modes based on your preference and lighting conditions.
- **Storage Options:**
 - **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the camera's designated slot for local video storage.

2-Way Audio Real Time Interaction



Figure 5.3: Details the Micro SD card slot for local storage and mentions cloud storage availability.

- **Cloud Storage:** Opt for the US-based cloud service (7-day free trial available) for encrypted and secure video storage.
- **Sharing Access:** Share camera access with family members by inviting them through the CloudEdge app.



Figure 5.4: Shows how multiple users can share and view the camera feed.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your camera.

- **Solar Panel Efficiency:** Ensure the solar panel is clean and free from dust, dirt, or obstructions to maximize charging efficiency. Periodically wipe it with a soft, damp cloth.
- **Battery Life:** The solar panel provides continuous power. In periods of low sunlight, the camera's internal battery will be utilized. If the battery level drops significantly, you may need to manually charge it via the USB port.

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Video 6.1: Official ANRAN video demonstrating the features of the Q01 Wireless Solar Powered Battery Camera, highlighting its self-sustaining power.

- **Firmware Updates:** Regularly check the CloudEdge app for available firmware updates to ensure your camera has the latest features and security enhancements.
- **Cleaning:** Gently clean the camera lens and housing with a soft, lint-free cloth to maintain clear image quality. Avoid using harsh chemicals.

7. TROUBLESHOOTING

If you encounter issues with your ANRAN Q1 camera, refer to the following common solutions:

Problem	Solution
Camera fails to connect to Wi-Fi.	• Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz. • Check Wi-Fi signal strength at the camera's location. Move the camera closer to the router if necessary. • Verify the Wi-Fi password entered in the app is correct. • Restart your Wi-Fi router and the camera. • Reset the camera (refer to the user manual for reset button location) and try the setup process again.
Motion detection is not working or is too sensitive.	• Adjust the motion detection sensitivity settings within the CloudEdge app. • Ensure the PIR sensor is not obstructed. • Verify that motion alerts are enabled in the app settings. • Consider the camera's placement; direct sunlight or moving objects (like tree branches) can sometimes trigger false alarms.

Problem	Solution
Poor image quality at night.	• Ensure the camera lens is clean. • Check if the night vision mode is set correctly (Infrared, Color, or Smart). • Ensure there are no strong light sources directly facing the camera at night, which can cause glare.
Battery not charging via solar panel.	• Ensure the solar panel is receiving direct sunlight for several hours a day. • Clean the surface of the solar panel to remove any dirt or debris. • Check the connection cable between the solar panel and the camera for any damage or loose connections.

8. SPECIFICATIONS

Feature	Detail
Brand	ANRAN
Model	Q1
Connectivity Technology	Wireless (2.4GHz Wi-Fi only)
Power Source	Solar Powered, Rechargeable Battery
Video Capture Resolution	2K (3 MP Effective Still Resolution)
Viewing Angle	360 Degrees (355° Pan, 90° Tilt)
Night Vision Range	100 Feet
Night Vision Technology	Infrared, Color Night Vision
International Protection Rating	IP65 (Weatherproof)
Storage	Micro SD Card (up to 128GB), Cloud Storage
Audio	2-Way Talk (Built-in Microphone and Speaker)
Detection	PIR Human Detection
Alert Type	Audio and Motion (Smart Siren, Spotlights)
Control Method	App (CloudEdge), Amazon Alexa
Operating Temperature	-25°C to 60°C (-13°F to 140°F)
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	2.01 pounds

9. WARRANTY AND SUPPORT

ANRAN is committed to providing high-quality products and excellent customer service.

- **Warranty:** Please refer to your purchase documentation for specific warranty details.
- **Customer Support:** For any questions, technical assistance, or service inquiries, please contact ANRAN's US-based support team.
 - Email: support@anran-cctv.com
 - Phone: +1-866-958-6988
 - Support is available 7 days a week, 24 hours a day.



Figure 9.1: ANRAN's multi-channel customer service options.

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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