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› ANRAN 2K Security Camera Outdoor Wireless User Manual

ANRAN Q04-3MP

ANRAN 2K Security Camera Outdoor Wireless User Manual

Model: Q04-3MP | Brand: ANRAN

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ANRAN 2K Security Camera Outdoor Wireless (Model Q04-3MP). This camera is designed for outdoor surveillance, featuring 2K resolution, two-way audio, a built-in siren, IP65 weather resistance, and compatibility with Amazon Alexa. Please read this manual thoroughly before using the product to ensure proper setup and functionality.



Figure 1: ANRAN 2K Security Camera Outdoor Wireless (Model Q04-3MP) with integrated solar panel and a smartphone displaying its live feed.

2. PACKAGE CONTENTS

Please verify that all components are present in the package:

- ANRAN 2K Security Camera (Q04-3MP) with integrated solar panel
- Mounting Bracket
- Mounting Screws and Wall Plugs
- USB Charging Cable
- User Manual

- 2 x AA Batteries (pre-installed or included)

3. PRODUCT FEATURES

- **2K High-Resolution Video:** Captures clear and detailed footage with 2K (5MP sensor) video resolution.



Figure 2: Visual representation of the camera's 2K resolution capability, highlighting clarity and detail.

- **Pan & Tilt Functionality:** Offers a wide surveillance area with 360° horizontal pan and 90° vertical tilt capabilities, controllable remotely via the app.

カメラの角度を自由に360°回転

360°パン&90°チルト、アプリを介してレンズを遠距離で回転させ、360°全方位監視可能、ご自宅、庭、ガレージなどの隅々まで監視できます



Figure 3: The camera's pan (360°) and tilt (90°) range, demonstrating its extensive coverage.

- **Solar Powered & Wireless:** Equipped with a solar panel for continuous power, ensuring 365-day operation without frequent charging. Features Wi-Fi connectivity for flexible placement.

365日動作可能・WIFI受信より安定

太陽給電するため、面倒な工事や配線不要。改良された4dBiアンテナを付けていて、電波の受信感度を広がります。自由に設置場所を選ぶことができます



Figure 4: The camera's solar panel providing power and its stable Wi-Fi connection for reliable outdoor use.

- **Two-Way Talk:** Built-in microphone and speaker allow for real-time communication with visitors or intruders.

双方向通話 & 検知範囲を選択

マイクとスピーカーを内蔵されているため、スマホ通じて配達員に話しかけることができます。
モーション検知ゾーンをシ仕様すると、エリアを効果的に監視し、通過する人と車両の誤検知を減らすことができます。



Figure 5: The mobile application interface demonstrating the two-way talk feature and customizable detection zones.

- **PIR Human Detection & Alarm:** Advanced PIR sensor detects human motion, triggering recording and activating a bright light and loud siren to deter unwanted visitors.

PIR人感検知・発光威嚇



発光威嚇



音声警告



警察を呼びます！！



Figure 6: The camera's PIR human detection triggering a deterrent light and siren, with a notification on a smartphone.

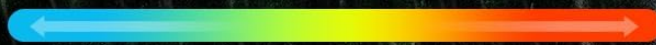
- **IP65 Weatherproof:** Designed to withstand various weather conditions, including rain, snow, and wind, ensuring reliable operation year-round.

IP65防水防塵規格

強い耐候性で、悪天候にも対応できます。



使用環境温度 -10℃～ 50℃



雨



雪



風

Figure 7: The camera's IP65 rating, indicating its resistance to water and dust, suitable for outdoor environments.

- **Alexa Integration:** Seamlessly integrates with Amazon Alexa for voice control and live view on compatible smart displays.

Alexa機能搭載・連動可能



Figure 8: An Amazon Echo Show device displaying the live feed from the ANRAN security camera, demonstrating Alexa integration.

- **Night Vision:** Equipped with infrared (IR) LEDs for clear black-and-white video monitoring in low-light or no-light conditions.

4. SETUP GUIDE

4.1 Charging the Camera

Before initial use, ensure the camera's internal battery is fully charged using the provided USB cable. Connect the USB cable to the camera's charging port and a standard 5V/1A USB power adapter (not included). The charging indicator light

will show the charging status.

4.2 App Installation and Account Registration

1. Download the "ANRAN" app from the App Store (iOS) or Google Play Store (Android).
2. Open the app and register a new account using your email address.
3. Follow the on-screen prompts to complete the registration process.

4.3 Adding the Camera to the App

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The camera does not support 5GHz Wi-Fi.
2. In the ANRAN app, tap the "+" icon to add a new device.
3. Select "Security Camera" or the specific model if prompted.
4. Power on the camera. The camera will enter pairing mode, indicated by a flashing LED light.
5. Follow the app's instructions to scan the QR code displayed on your phone with the camera lens. Hold the phone approximately 15-20 cm (6-8 inches) from the camera.
6. Once the camera successfully scans the QR code, it will emit a confirmation sound.
7. Wait for the camera to connect to your Wi-Fi network. This may take a few moments.
8. Once connected, you can name your camera and begin live viewing.

4.4 Mounting the Camera

1. Choose a suitable outdoor location with good Wi-Fi signal strength and direct sunlight exposure for the solar panel.
2. Use the mounting bracket as a template to mark the drill holes on the wall.
3. Drill holes and insert wall plugs if necessary.
4. Secure the mounting bracket to the wall using the provided screws.
5. Attach the camera to the mounting bracket and adjust its angle for optimal viewing and solar charging.

5. OPERATING INSTRUCTIONS

5.1 Live View and Playback

- Open the ANRAN app and select your camera from the device list to access the live view.
- Use the on-screen controls to pan and tilt the camera, adjust resolution, or take screenshots/recordings.
- To view recorded footage, navigate to the "Playback" section in the app.

5.2 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.

5.3 Motion Detection and Alerts

- Access "Settings" for your camera in the app.
- Enable "Motion Detection" and adjust sensitivity levels as needed.
- Set up "Detection Zones" to focus on specific areas and reduce false alarms.
- Configure "Alarm Actions" to activate the siren and/or spotlight upon detection.
- Ensure "Push Notifications" are enabled in your phone settings to receive instant alerts.

5.4 Night Vision

The camera automatically switches to infrared night vision mode in low-light conditions, providing clear black-and-white

video. The built-in spotlight can also be activated manually or via motion detection for color night vision (if supported by model variant) or deterrence.

5.5 Alexa Integration

1. Open the Amazon Alexa app on your smartphone.
2. Go to "Skills & Games" and search for the "ANRAN" skill.
3. Enable the skill and link your ANRAN account using your ANRAN app credentials.
4. Discover devices. Your ANRAN camera should appear in your Alexa device list.
5. You can now use voice commands such as:
 - "Alexa, show me the [Camera Name]."
 - "Alexa, stop [Camera Name]."

6. MAINTENANCE

- **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 optimal charging efficiency. Do not use harsh chemicals or abrasive materials.
- **Battery Health:** While solar-powered, prolonged periods of low sunlight or high activity may deplete the battery. If the battery level drops significantly, manually charge the camera using the USB cable.
- **Firmware Updates:** Check the ANRAN app periodically for firmware updates. Keeping the camera's firmware updated ensures optimal performance, security, and access to new features.
- **Environmental Conditions:** Although IP65 rated, avoid prolonged exposure to extreme temperatures outside the operating range (-10°C to 50°C) or direct high-pressure water jets.

7. TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera fails to connect to Wi-Fi.	<ul style="list-style-type: none">◦ Ensure your Wi-Fi is 2.4GHz.◦ Check Wi-Fi signal strength at the camera's location.◦ Verify correct Wi-Fi password.◦ Restart your router and the camera.
Poor image quality.	<ul style="list-style-type: none">◦ Clean the camera lens.◦ Ensure sufficient lighting for optimal image.◦ Check network bandwidth; slow internet can affect streaming quality.
Battery not charging or low battery.	<ul style="list-style-type: none">◦ Ensure solar panel is clean and receiving direct sunlight.◦ Check USB charging cable and adapter if charging manually.◦ Reduce motion detection frequency or recording length to conserve power.

Problem	Possible Cause / Solution
Motion alerts are too frequent or not received.	<ul style="list-style-type: none">◦ Adjust motion detection sensitivity in the app.◦ Set up specific detection zones to exclude irrelevant areas.◦ Check phone notification settings for the ANRAN app.
Two-way audio not working.	<ul style="list-style-type: none">◦ Ensure microphone and speaker icons are enabled in the app.◦ Check volume settings on your phone.◦ Verify network connection stability.

8. SPECIFICATIONS

Feature	Detail
Model Number	Q04-3MP
Video Resolution	2K (5MP Sensor)
Pan/Tilt Angle	360° Pan, 90° Tilt
Power Source	Solar Powered (with internal rechargeable batteries)
Battery Type	2 x AA batteries (included)
Wireless Technology	Wi-Fi (2.4GHz only)
Weather Resistance	IP65
Operating Temperature	-10°C to 50°C
Audio	Two-Way Talk (Built-in Mic & Speaker)
Detection	PIR Human Detection
Alarm Features	Siren, Spotlight
Night Vision	Infrared (IR)
Dimensions (L x W x H)	20 x 15 x 13 cm
Weight	860 g
Compatibility	Amazon Alexa

9. WARRANTY AND SUPPORT

ANRAN products typically come with a standard manufacturer's 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 any product-related inquiries, please contact ANRAN customer service through their official

support channels. Contact information can usually be found on the product packaging or the ANRAN website.

