ANRAN Q04-5MP

ANRAN 5MP Wireless Outdoor WiFi Surveillance Camera User Manual

Model: Q04-5MP

PRODUCT OVERVIEW

The ANRAN 5MP Wireless Outdoor WiFi Surveillance Camera is a high-resolution security solution designed for outdoor use. It features an integrated solar panel for continuous power, a built-in battery, 5-megapixel video capture, color night vision, human detection, two-way audio communication, and an alarm siren. Its wireless connectivity and durable IP65 rating make it suitable for various outdoor environments, providing reliable monitoring and peace of mind.

This image shows the ANRAN 5MP Wireless Outdoor WiFi Surveillance Camera, highlighting its integrated solar panel and dual antennas. A smartphone screen is overlaid, demonstrating the live view capability of the camera, showing a child on a toy.
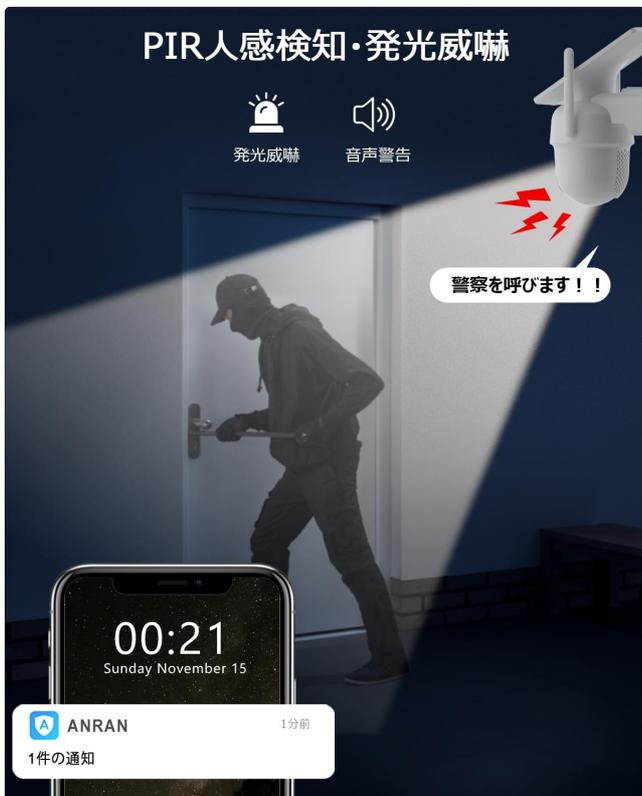
KEY FEATURES

5MP High-Resolution Video: Capture clear and detailed footage with 5-megapixel resolution, providing enhanced clarity for monitoring. The camera supports 2K video quality for superior image detail.

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

This image illustrates the superior clarity of 5MP resolution compared to 2K, showcasing a detailed view of a house and yard captured by the camera.

Integrated Solar Panel & Battery Power: The camera is equipped with a built-in solar panel that continuously charges the internal battery, ensuring uninterrupted operation without the need for frequent manual recharging. It can also be charged via an external solar panel.

PIR人感検知・発光威嚇

発光威嚇　　音声警告

警察を呼びます！！

00:21
Sunday November 15

ANRAN　　1分前
1件の通知

This image displays the ANRAN camera mounted on a wall, emphasizing its integrated solar panel design. A separate illustration shows the option for external solar panel charging.

360° Pan & Tilt Monitoring: Gain comprehensive coverage with the camera's ability to pan 355 degrees

horizontally and tilt 90 degrees vertically, allowing for remote adjustment of the viewing angle via the mobile application.

This image visually explains the 355-degree pan and 90-degree tilt functionality of the camera, with an arrow indicating 360-degree coverage. A smartphone screen shows a live view of people in a yard.

PIR Human Detection & Alarm Siren: Advanced PIR (Passive Infrared) sensor detects human motion, triggering alerts to your smartphone and activating a deterrent alarm siren and bright light to ward off intruders.

This image depicts the camera's human detection feature, showing a person near a door and the camera emitting light and sound. A smartphone notification indicates an alert.

Color Night Vision: Experience clear, full-color surveillance even in low-light conditions, providing more detailed visual information than traditional black and white night vision.

Two-Way Audio: Communicate directly with visitors or deter unwanted guests using the built-in microphone and speaker, accessible through the mobile app.

IP65 Weatherproof Rating: Designed to withstand various outdoor elements, the camera is rated IP65 for dust and water resistance, ensuring reliable performance in rain, snow, and wind. It operates effectively in temperatures ranging from -10°C to 50°C.

This image shows the camera installed outdoors during rain, emphasizing its IP65 waterproof and dustproof capabilities. It also indicates an operating temperature range of -10°C to 50°C.

Alexa Compatibility: Integrate the camera with Amazon Alexa for convenient voice control and viewing live feeds on compatible smart displays.

360°
全方位監視可能

PTZ制御で自由に360°回転可能です。いつでもどこでもスマホからカメラの向きを調整出来て、お宅の隅々を覆わって保護できます。

355°
90°

This image shows an Amazon Echo Show smart display exhibiting a live view from the ANRAN camera, illustrating its compatibility with Alexa.

Enhanced WiFi Stability: Equipped with a 4dBi antenna, the camera offers improved WiFi signal reception for more stable and reliable connectivity, ensuring consistent performance over longer distances.

ソーラーパネル
一体型防犯カメラ

ソーラーパネルとカメラは完全一体型で、ソーラーパネルを設置する必要がない！設置がより簡単、より便利！

外部ソーラーパ
ネルでも充電可能

外部ソーラーパネルが接続されている場合、カメラ本体のソーラーパネルは充電を停止します

This image highlights the camera's stable WiFi reception, showing the camera mounted on a wall with wireless signals emanating from its antennas, indicating 365-day operation.

SETUP GUIDE

Follow these steps to set up your ANRAN surveillance camera for optimal performance.

1. **Charge the Battery:** Before initial use, fully charge the camera's built-in battery using a standard USB charger (not included) or by exposing the solar panel to direct sunlight for several hours. Ensure the camera is powered on during charging.

2. **Download the App:** Search for the "ANRAN" or specified companion app in your smartphone's app store (iOS or Android) and install it.

3. **Create an Account:** Open the app and register for a new account, or log in if you already have one.

4. **Add Device:** In the app, tap "Add Device" or the "+" icon. Select your camera model from the list. Follow the on-screen prompts to connect the camera to your 2.4GHz Wi-Fi network. *Note: This camera only supports 2.4GHz Wi-Fi. Ensure your phone is connected to a 2.4GHz network during the pairing process.*

5. **Mount the Camera:** Choose a suitable outdoor location with good Wi-Fi signal and ample direct sunlight exposure for the solar panel. Use the provided mounting bracket and screws to securely attach the camera to a wall or desired surface. Ensure the solar panel is angled to receive maximum sunlight throughout the day.

6. **Adjust Viewing Angle:** Once mounted, use the app to remotely adjust the camera's pan and tilt to achieve your desired monitoring area.

OPERATING INSTRUCTIONS

Learn how to use the main functions of your ANRAN camera for effective surveillance.

Live View: Open the ANRAN app and select your camera from the device list to access the live video feed. You can view real-time footage from your camera anytime, anywhere.

Pan & Tilt Control: While in live view, use the directional controls within the app to remotely pan (horizontal movement) and tilt (vertical movement) the camera lens to adjust the viewing area.

Two-Way Audio: Tap the microphone icon in the live view interface to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's surroundings.

Motion Detection & Alerts: The camera's PIR human detection will automatically trigger recording and send push notifications to your phone when motion is detected. You can customize motion detection sensitivity and alert settings in the app.

Playback Recorded Footage: Access the "Playback" or "History" section in the app to review recorded video clips stored on the inserted SD card (if applicable) or cloud storage (subscription may be required).

Night Vision Modes: The camera automatically switches to night vision in low light. It supports both infrared (black and white) and color night vision. Color night vision activates when sufficient ambient light or the camera's built-in spotlights are available.

Alarm Siren Activation: In the event of an intrusion, you can manually activate the alarm siren and spotlight from the app to deter unwanted visitors.

Alexa Integration: If configured, use voice commands with your Alexa-enabled device (e.g., "Alexa, show me the front door camera") to view the live feed on compatible smart displays.

Maintenance

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

Clean the Lens and Solar Panel: Regularly wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean solar panel ensures efficient charging.

Check Battery Status: Monitor the battery level through the app. While the solar panel provides continuous charging, prolonged periods of low sunlight may require manual charging via USB.

Firmware Updates: Check the app periodically for firmware updates. Keeping your camera's firmware up-to-date ensures the latest features and security enhancements.

Inspect Mounting: Periodically check the mounting bracket and screws to ensure the camera remains securely attached, especially after strong winds or storms.

Clear Storage: If using a local SD card for storage, regularly back up important footage and format the card as needed to prevent it from becoming full.

Troubleshooting

Refer to this section for common issues and their solutions.

Issue	Possible Cause	Solution
Camera won't power on	Low battery; Power button off	Fully charge the battery via solar panel or USB. Ensure the power button is in the ON position.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; Not 2.4GHz network; Weak signal	Double-check Wi-Fi password. Ensure your router is broadcasting a 2.4GHz network and your phone is connected to it during setup. Move camera closer to the router.
No motion detection alerts	Sensitivity too low; Detection zone not set; App notifications disabled	Adjust motion detection sensitivity in the app. Configure detection zones. Enable notifications for the ANRAN app in your phone settings.
Poor video quality	Dirty lens; Weak Wi-Fi signal; Low light	Clean the camera lens. Ensure strong Wi-Fi signal. Verify sufficient lighting for color night vision, otherwise, infrared night vision will activate.
Two-way audio not working	Microphone/speaker muted in app; Volume too low	Check app settings to ensure microphone and speaker are enabled and volume is adequate.
Solar panel not charging	Insufficient sunlight; Dirty panel; Obstruction	Ensure the solar panel receives direct sunlight for several hours daily. Clean the panel. Remove any obstructions blocking sunlight.

Product Specifications

Feature	Detail
Brand	ANRAN
Model Number	Q04-5MP
Power Source	Solar Powered
Connectivity Technology	Wireless (Wi-Fi)
Connectivity Protocol	Wi-Fi (2.4GHz only)
Video Capture Resolution	5 MP
Effective Still Resolution	5 MP
Video Capture Format	MPEG-4
Controller Type	Amazon Alexa
Mounting Type	Wall Mount
Batteries	2 Lithium Ion batteries (included)
Alert Type	Motion Only (Human Detection)
International Protection Rating	IP65
Item Dimensions (L x W x H)	7.87 x 5.91 x 5.12 inches
Item Weight	1.96 pounds
Wattage	6 watts
Recommended Uses	Outdoor Security
Special Feature	Adjustable (Pan/Tilt)

Warranty Information

ANRAN products typically come with a limited warranty covering manufacturing defects. Please refer to the warranty card included with your product or visit the official ANRAN website for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or product inquiries, please contact ANRAN customer support.

You can often find support resources, FAQs, and contact information on the official ANRAN website.

Note: Specific contact details are not provided in this manual. Please refer to the product packaging or manufacturer's website for the most up-to-date support information.