ANRAN Q04

ANRAN 5MP Solar Security Camera User Manual

Model: Q04
Brand: ANRAN

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANRAN 5MP Solar Security Camera. This advanced wireless outdoor camera is designed for comprehensive home surveillance, featuring a fixed solar panel for continuous power, 360-degree PTZ capabilities, and intelligent detection features.

Key features include:

- **360-Degree Coverage & Upgraded 5MP Crisp Image:** Offers full panoramic view with PTZ control and high-resolution imaging for clear details day and night.
- **Forever Power & 100% Wireless Free:** Utilizes solar power to charge the battery, ensuring continuous operation without the need for frequent battery replacement.
- **Intelligent Motion Detection & Real-Time Alerts:** Built-in infrared motion detection sensor accurately identifies persons, vehicles, pets, and packages, sending immediate mobile notifications upon detection.
- **Free Cloud Storage & 2-Year Warranty:** Provides LIFETIME FREE cloud storage for 6-second recordings (7-day loop coverage) and supports local storage via SD card (up to 128GB, not included).

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation:

- 1 x Wireless Camera with Fixed Solar Panel
- 1 x USB Cable
- 1 x Screw Pack (for mounting)
- 1 x User Manual (this document)

What's in the Box

X1 Solar Camera

X1 3m Power Cable

X1 User Manual

X1 Mounting Hole Template

X1 Surveillance Sign

X1 Screw Bag

Figure 2.1: Included components of the ANRAN Q04 camera system.

3. SETUP AND INSTALLATION

3.1 Simple Installation

The ANRAN solar security camera is designed for easy installation. The fixed solar panel eliminates the need for separate wiring, making setup quick and hassle-free. The ANRAN app provides voice guidance to assist with the

connection process.

1. **Charge the Camera:** Before initial use, ensure the camera's internal battery is sufficiently charged. You can use the provided USB cable for initial charging if needed.

2. **Download the ANRAN App:** Search for "ANRAN" in your mobile device's app store (available on Google Play and Apple App Store) and install the application.

3. **Create an Account:** Open the ANRAN app and follow the on-screen instructions to create a new user account.

4. **Add Device:** In the app, select the option to add a new device. Follow the voice prompts and on-screen instructions to connect your camera to your 2.4G WiFi network.

5. **Mount the Camera:** Choose an outdoor location with good sunlight exposure for the solar panel. Use the provided screw pack and mounting hole template to securely attach the camera to a wall or suitable surface. Ensure the camera has a clear line of sight to the area you wish to monitor.

Figure 3.1: Illustrates the simple installation process of the ANRAN solar camera.

3.2 Solar Panel Efficiency

The integrated solar panel is designed to provide continuous power. Position the camera where the solar panel receives direct sunlight for several hours daily to maintain optimal battery charge. This eliminates the need for manual recharging under normal conditions.

Figure 3.2: The ANRAN Q04 camera with its integrated solar panel for efficient charging.

4. OPERATING THE CAMERA

4.1 360-Degree PTZ Control

The camera features Pan-Tilt-Zoom (PTZ) functionality, allowing you to remotely adjust the viewing angle. Through the ANRAN app, you can rotate the camera 360 degrees horizontally and adjust its vertical tilt to monitor every corner of your property.

Figure 4.1: Demonstrates the 360-degree pan and tilt capabilities for comprehensive surveillance.

4.2 Night Vision Modes

The camera offers three distinct night vision modes to ensure clear visibility in low-light conditions:

- **Smart Mode:** Automatically switches between infrared and color night vision based on detected activity.
- **Color Mode:** Provides full-color video even in low light, utilizing built-in spotlights.

- **Infrared Mode:** Standard black and white infrared vision for discreet monitoring.

Figure 4.2: Visual representation of the camera's three night vision modes.

4.3 Intelligent Motion Detection & Alerts

Equipped with a PIR human detection sensor, the camera can intelligently distinguish between humans, vehicles, pets, and packages. Upon detecting a threat, it sends immediate mobile notifications to your device. The camera also offers three alarm options: siren, spotlights, and app notifications.
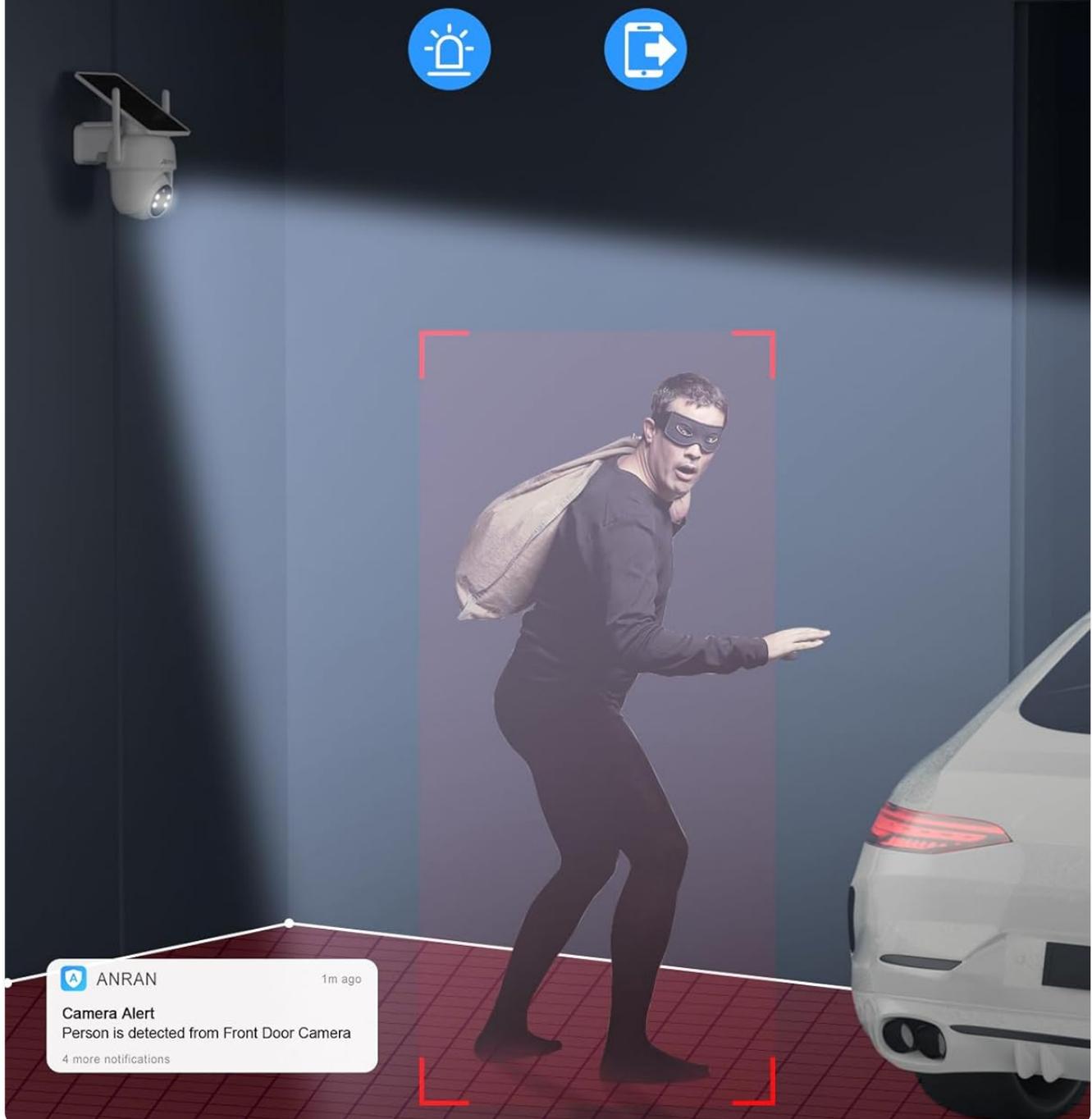
Figure 4.3: Illustration of the AI Human Detection capability.

Your browser does not support the video tag.

Video 4.1: Demonstrates the camera's advanced multi-functional surveillance features, including solar charging efficiency, night vision, and customizable detection areas. This video also shows the sound and light alarm in action, providing immediate alerts and live monitoring capabilities.

4.4 Two-Way Audio Communication

The camera supports real-time two-way audio, allowing you to listen and speak through the camera using the ANRAN app. This feature is useful for communicating with visitors or deterring unwanted guests.
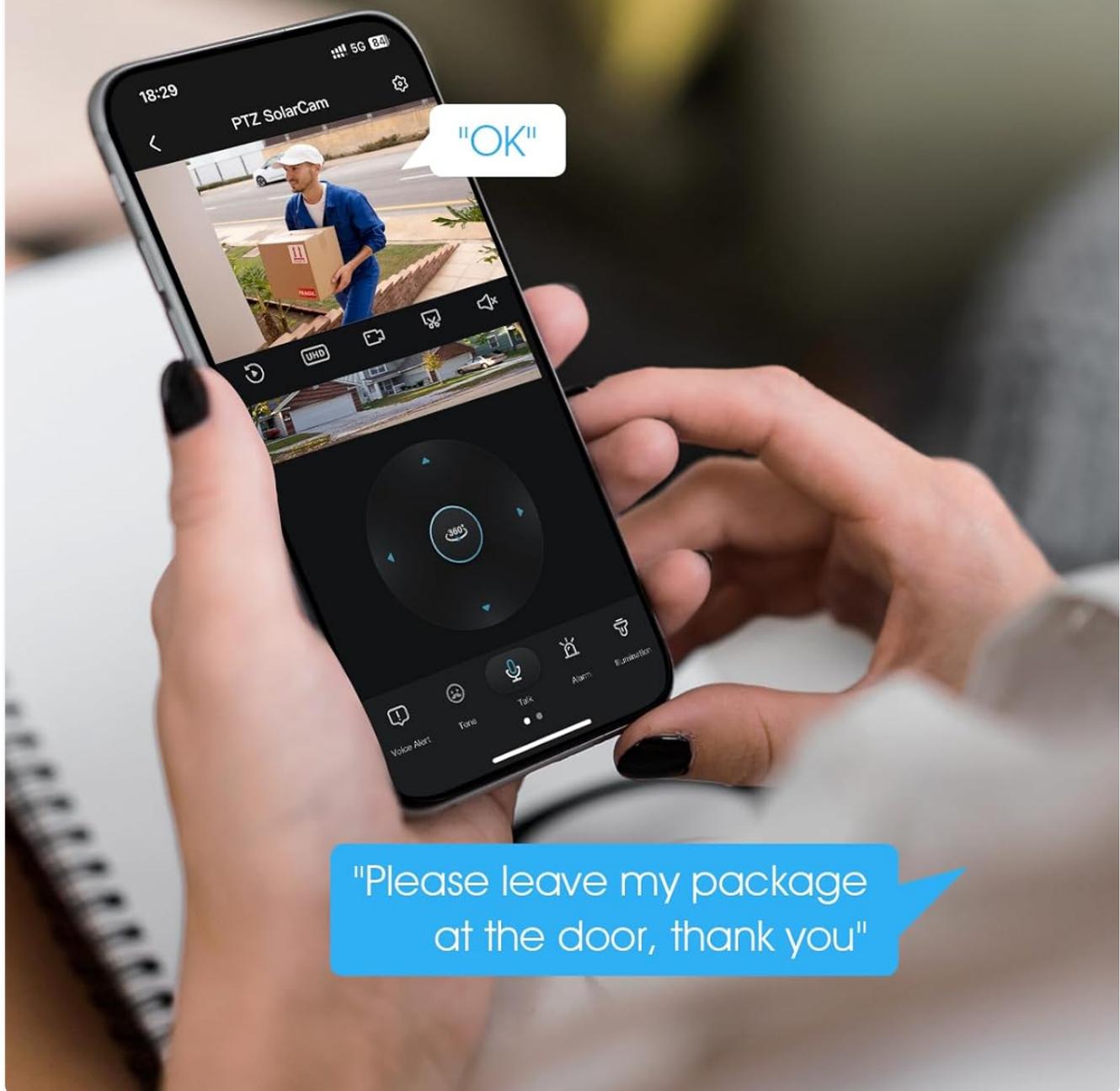
Figure 4.4: Shows the two-way audio interface within the mobile application.

5. MAINTENANCE AND STORAGE

5.1 Weather Resistance

The ANRAN camera is rated IP65 waterproof and dustproof, ensuring reliable performance in various outdoor weather conditions, including rain and dust.

Figure 5.1: The camera's IP65 rating ensures durability against outdoor elements.

5.2 Storage Options

The camera offers flexible storage solutions for your recordings:

- **Cloud Storage:** LIFETIME FREE cloud storage service is provided for 6-second recordings with a 7-day loop coverage.
- **SD Card Storage:** Supports local storage via a MicroSD card up to 128GB (SD card not included).

Local/Cloud Storage

Up tox

128GB

MicroSD Card
(SD Card Not included)

15:54

Living room

7-Day

Free Trial Cloud Storage

Live   History   Cloud

Figure 5.2: Depicts the camera's dual storage capabilities.

6. TROUBLESHOOTING

If you encounter issues with your ANRAN Solar Security Camera, please refer to the following common troubleshooting steps:

- **No Power/Charging Issue:** Ensure the solar panel is clean and receives direct sunlight. Verify the USB cable connection if charging manually.

- **WiFi Connection Problems:** Ensure your WiFi network is 2.4Ghz. Check that the camera is within range of your router. Restart your router and the camera.
- **App Connectivity Issues:** Ensure the ANRAN app is updated to the latest version. Check your mobile device's internet connection.
- **Motion Detection Not Working:** Verify that motion detection is enabled in the app settings. Adjust sensitivity levels and detection zones as needed.
- **Poor Image Quality:** Ensure the camera lens is clean. Check for obstructions in the camera's field of view.

For further assistance, please contact ANRAN customer support.

7. SPECIFICATIONS

Feature	Detail
Model Name	Q04
Video Capture Resolution	5MP
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Protocol	Wi-Fi (2.4Ghz)
Controller Type	Amazon Alexa
Mounting Type	Wall Mount
Color	White-5MP
Included Components	Wireless Camera with Fixed Solar Panel, USB Cable, Screw Pack, User Manual
Number of Channels	2
Form Factor	Dome
Viewing Angle	360 Degrees (PTZ)
Item Dimensions (L x W x H)	9 x 7 x 6 inches
Item Weight	1.87 pounds
Batteries	1 AA batteries required (included)
Low Light Technology	Night Color
Video Capture Format	MPEG-4

8. WARRANTY AND SUPPORT

8.1 Product Warranty

ANRAN offers a **2-year warranty** for this camera. This warranty covers manufacturing defects and ensures the product performs as described under normal use conditions.

8.2 Customer Support

If you have any questions, require technical assistance, or need to claim warranty service, please contact ANRAN customer support. Our professional technical team and after-sales team are available to assist you.

Contact information can typically be found on the ANRAN official website or within the ANRAN app's help section. Please have your product model (Q04) and purchase details ready when contacting support.