ANRAN Q7M2

ANRAN Q7M2 Dual-Lens Solar Security Camera User Manual

Model: Q7M2

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANRAN Q7M2 Dual-Lens Solar Security Camera. This device is designed to provide comprehensive outdoor surveillance with its innovative dual-lens system, solar power, and advanced detection features.

Figure 1: ANRAN Q7M2 Dual-Lens Solar Security Camera (2-Pack)

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation:

- 1x Dual Lens Camera
- 1x Type C Cable
- 1x Solar Panel
- 1x Mounting Bracket
- 1x Screw Pack (screws and wall anchors)

Figure 2: Included Components

3. SETUP

3.1 Initial Charging

Before first use, fully charge the camera's internal battery using the provided USB-C cable. Locate the USB-C port under the rubber flap on the camera. A red indicator light will illuminate during charging and turn off when fully charged.

3.2 App Installation and Connection

Download the ANRAN app from your device's app store (available for iOS and Android). Create an account using your email address and a password. Follow the in-app instructions to connect the camera to your local 2.4GHz Wi-Fi network. You will need your Wi-Fi password for this step.

3.3 Mounting the Camera

The camera comes with a mounting bracket that allows for flexible positioning. Loosen the bracket's adjustment screw to pivot the camera to your desired angle. Once positioned, tighten the screw to secure it. Use the provided screws and wall anchors to securely mount the bracket to a wall or ceiling. Ensure the solar panel is positioned to receive maximum direct sunlight for optimal charging.
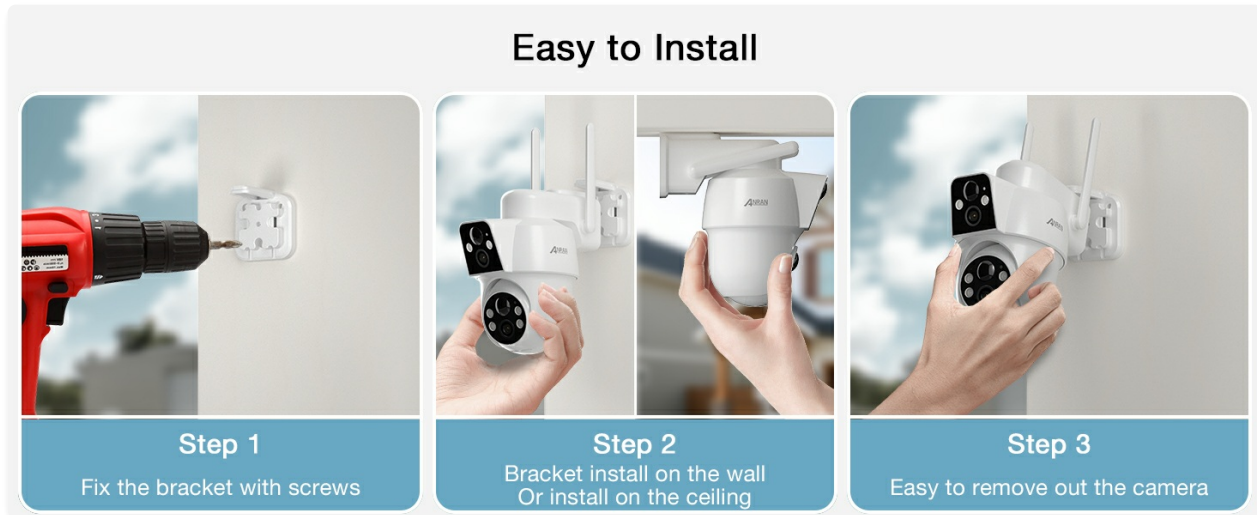

Easy to Install

Step 1
Fix the bracket with screws

Step 2
Bracket install on the wall
Or install on the ceiling

Step 3
Easy to remove out the camera

Figure 3: Easy Installation Steps

4. OPERATING INSTRUCTIONS

4.1 Dual-Lens System

The camera features a dual-lens system for comprehensive surveillance:

- **Fixed Wide-Angle Lens:** Provides constant monitoring of a broad area.
- **PTZ (Pan-Tilt-Zoom) Lens:** Can be remotely controlled via the ANRAN app to pan 355° and tilt 90° for detailed views. It also supports 4x digital zoom.
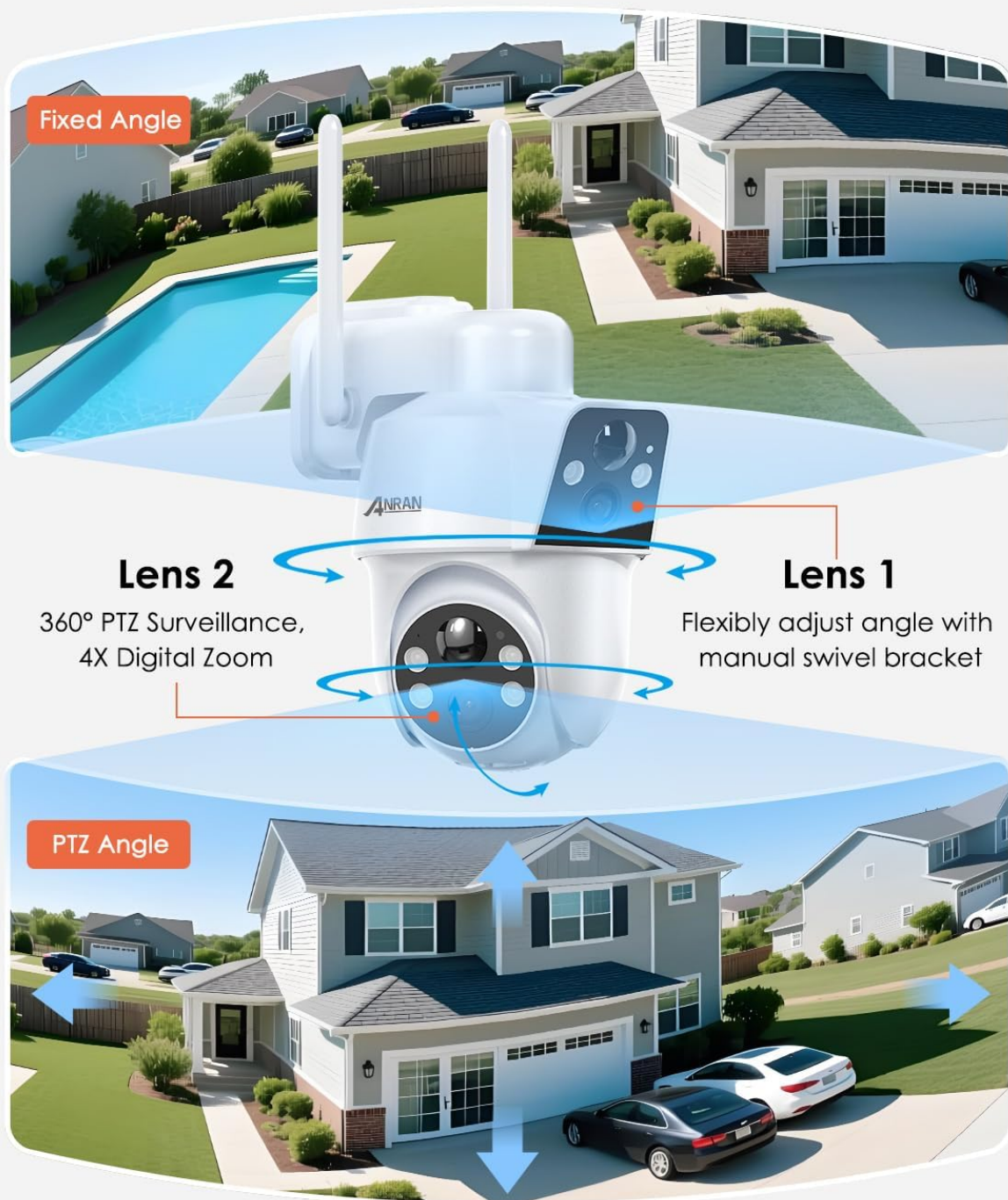
Dual Lens for Better Viewing

Fixed Angle

Lens 2
360° PTZ Surveillance,
4X Digital Zoom

Lens 1
Flexibly adjust angle with
manual swivel bracket

PTZ Angle

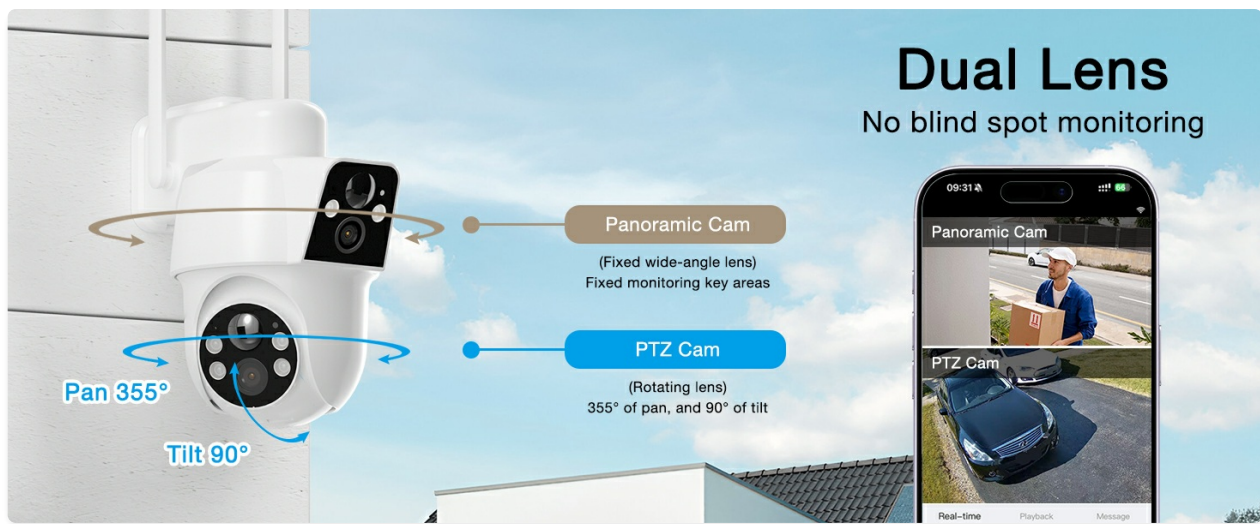*Figure 4: Dual-Lens System for Better Viewing*

Figure 5: No Blind Spot Monitoring with Dual Lenses

4.2 Solar Power and Wire-Free Operation

The camera is 100% wire-free and powered by an integrated high-efficiency solar panel. This ensures continuous operation without the need for external power cables, provided the solar panel receives adequate sunlight.

100% Wireless and Solar-Powered
365 days non-stop solar charging

3W — Solar Panel

2M — Solar Cable

WIFI — Only Support 2.4G

Freely Movable Solar Panel

Rechargeable Battery

* The conditions for charging may vary based on sunlight exposure and recorded video activity.

Figure 6: 100% Wireless and Solar-Powered

4.3 Live View and Two-Way Talk

Access real-time video feed from anywhere using the ANRAN app. The built-in microphone and speaker enable two-way audio communication, allowing you to speak with visitors or deter intruders.
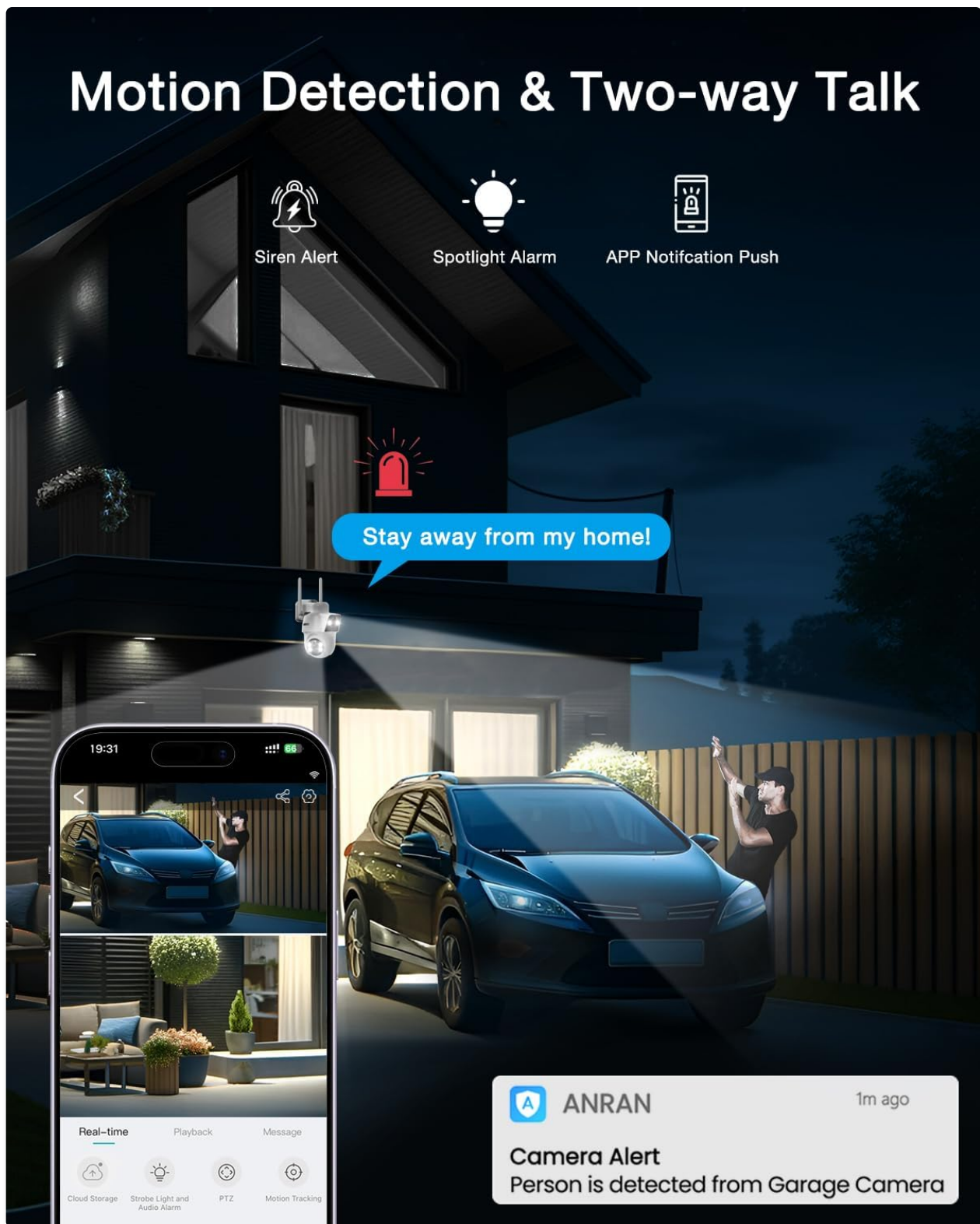
Figure 7: Motion Detection & Two-way Talk

4.4 Color Night Vision and Smart Human Detection

The camera offers full-color night vision, activated by a built-in spotlight, providing clear and identifiable details in low-light conditions. Advanced AI-powered human detection filters out false alerts by distinguishing between people, pets, and vehicles.
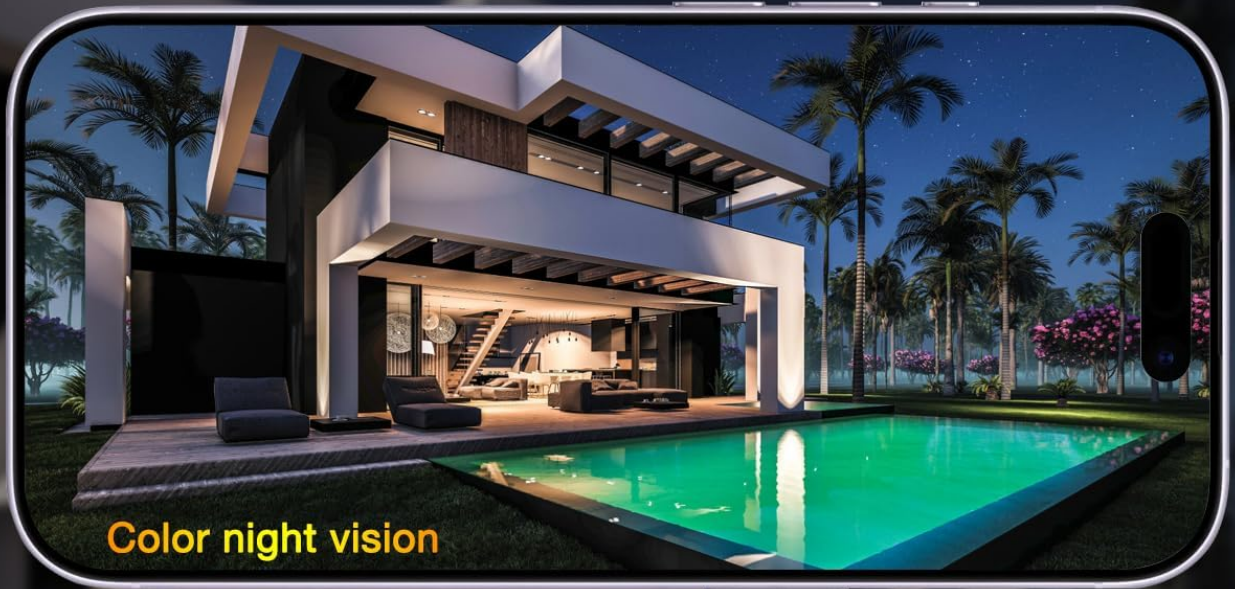
Figure 8: Color Night Vision

Figure 9: Smart PIR Senses & Instant Alerts

4.5 Flexible Storage Options

Recordings can be stored locally on a microSD card (up to 128GB, not included) or securely in the cloud with an optional subscription. The microSD card slot is located under the rubber flap next to the USB-C port.

Figure 10: Local Storage Option

4.6 App Controls

The ANRAN app provides various controls:

- Live View, History, Cloud Playback
- Screenshot, Hold to Talk, Record
- Motion Detection settings, Light control, Siren activation
- Full Color Mode, Album access

**Cherish Every Moment
in Stunning 2K**

Experience 2K detail that exceeds expectations,
capturing every moment you care about.
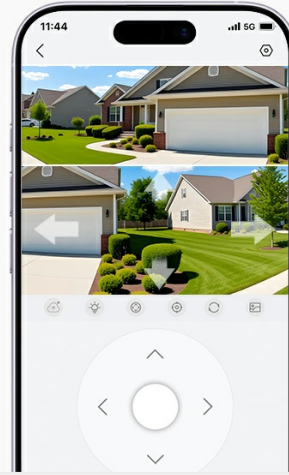Nothing goes unseen, even when zoomed in
(4X Digital Zoom).

Figure 11: App Interface for 2K Viewing

4.7 Video Demonstration of ANRAN Dual-Lens Solar Security Camera

Your browser does not support the video tag.

Video 1: Official ANRAN demonstration of the Dual-Lens Solar Security Camera features.

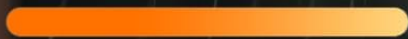## 5. MAINTENANCE

5.1 Weather Resistance

The ANRAN Q7M2 camera is engineered with an IP66 waterproof rating, ensuring durability against various outdoor elements including sun, rain, and freezing temperatures. Regular cleaning of the solar panel and camera lenses is recommended to maintain optimal performance.
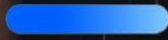
Figure 12: Suitable for Any Weather (IP66 Waterproof)

6. TROUBLESHOOTING

6.1 Resetting the Device

If you encounter issues, locate the reset button under the rubber flap near the USB-C port. Use a small pin or paperclip to press and hold the reset button for approximately 5 seconds to restart the device.

7. SPECIFICATIONS

Feature	Value
Indoor/Outdoor Usage	Indoor, Outdoor
Compatible Devices	Smartphone
Power Source	Solar Powered
Connectivity Protocol	Cellular, Wi-Fi (2.4G)
Controller Type	Amazon Alexa, Android, CloudEdge, SmartThings
Mounting Type	Wall Mount
Video Capture Resolution	4k (Effective 3MP)
Number of Items	2
Wireless Communication Technology	Cellular, Wi-Fi
Form Factor	Dome
Viewing Angle	360 Degrees (PTZ)
Night Vision Range	55 Feet
Material	Acrylonitrile Butadiene Styrene (ABS)
Water Resistance Level	Waterproof (IP66)
Flash Memory Installed Size	128 GB (Micro SD, not included)
Batteries Required?	Yes (1 9V batteries included)
Optical Zoom	4 x
Video encoding	MPEG-4
Focus Type	Auto Focus
Low light technology	Night Color
Alert Type	Audio and Motion
Light Source Type	Infrared
Video Capture Format	MP4
Photo Sensor Technology	CMOS
Special Feature	2-Way Audio, Dual Lens, Night Vision, PTZ Technology, Weather Proof

8. WARRANTY AND SUPPORT

ANRAN is committed to providing reliable products and excellent customer service. Your ANRAN Q7M2 Dual-Lens Solar Security Camera comes with the following support:

- 24/7 Online Customer Service
- Lifetime Technical Support
- Extended One-Year Warranty

For further questions or assistance, please contact ANRAN customer support:

- Website: www.anran-cctv.com
- Email: support@anran-cctv.com
- Social Media: @AnranTechnology

Please register your product within 10 days of purchase to ensure your warranty is fully activated.

Related Documents - Q7M2

	ANRAN 2K Wireless Outdoor Security Camera User Guide Comprehensive user guide for the ANRAN 2K Wireless Outdoor Security Camera. Learn about installation, features like AI motion detection, color night vision, two-way audio, spotlight, siren, and Alexa integration. Includes troubleshooting and specifications.
	ANRAN 3MP Solar Security Camera: Quick Start Guide Get started with your ANRAN 3MP Solar Security Camera. This guide covers setup, features like 2K color night vision, Wi-Fi, solar power, spotlight, PIR detection, and two-way audio for home security.
	ANRAN Q3 Pro Solar Security Camera User Guide Comprehensive user guide for the ANRAN Q3 Pro 2K solar-powered wireless outdoor security camera, covering installation, app setup, features, and troubleshooting.
	ANRAN C3 Pro Solar Security Camera User Manual User manual for the ANRAN C3 Pro 2K 3MP Solar Security Camera, providing instructions for installation, setup, and operation of this wireless outdoor surveillance camera.
	ANRAN S01/S02 Wireless Security Camera User Guide and Setup Comprehensive user guide for ANRAN S01 and S02 wireless outdoor security cameras. Learn how to install, set up the mobile app, and operate your camera for home surveillance with features like 2K resolution, solar power, and night vision.
	ANRAN S02 Solar Powered Wireless Security Camera Quick Start Guide Quick start guide for the ANRAN S02 solar-powered wireless security camera. Learn how to install, connect, and set up your camera using the ANRAN app. Features include 1080P resolution, PIR human detection, 2-way talk, and night vision.