ANRAN SWUS-Q03-2025-New

ANRAN Solar Camera Security Outdoor User Manual

Model: SWUS-Q03-2025-New
Brand: ANRAN

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ANRAN Solar Camera Security Outdoor. This wireless camera is designed to provide reliable outdoor surveillance with its 2K resolution, 3600 panoramic view, and solar-powered capabilities. Please read this manual thoroughly before using the product to ensure proper function and safety.



Figure 1.1: ANRAN Solar Camera Security Outdoor with included solar panel.

2. What's in the Box

Verify that all components are present in the package:

- 1 x Wireless Solar Camera
- 1 x 3W Solar Panel
- 1 x USB Cable
- 1 x Screw Pack (for mounting)
- 1 x User Manual (this document)

Video 2.1: Unboxing the ANRAN Solar Camera. This video demonstrates the contents of the product package, including the camera, solar panel, and accessories.

3. Product Overview

The ANRAN Solar Camera Security Outdoor offers advanced features for comprehensive home security:

- **2K Full HD with 3600 PTZ View:** Delivers clear images with 3550 pan, 900 tilt, and 4X digital zoom for complete area coverage.
- **Truly Wireless with Solar/Battery Power:** Operates without wiring, powered by an included solar panel and backup battery. Supports 2.4GHz WiFi only (5G WiFi not supported).
- **Color Night Vision & Two-Way Audio:** Features full-color night vision, intelligent light, and auto infrared (up to 50ft). Built-in microphone and speaker allow for real-time communication.
- **Advanced PIR Motion Detection & Real-Time Alerts:** Detects motion and human presence, sending instant alerts to your phone. Includes siren and spotlight alarm options.
- **Local/Cloud Storage:** Supports local storage via Micro SD card (up to 128GB, not included) and optional encrypted cloud storage.
- **Smart Home Integration:** Compatible with Amazon Alexa and Google Assistant for voice control and viewing.
- **Durable Design:** IP65-rated for weather resistance, capable of withstanding various outdoor conditions.



Figure 3.1: The camera offers a 360-degree panoramic view with 355 degrees of horizontal pan and 90 degrees of vertical tilt.

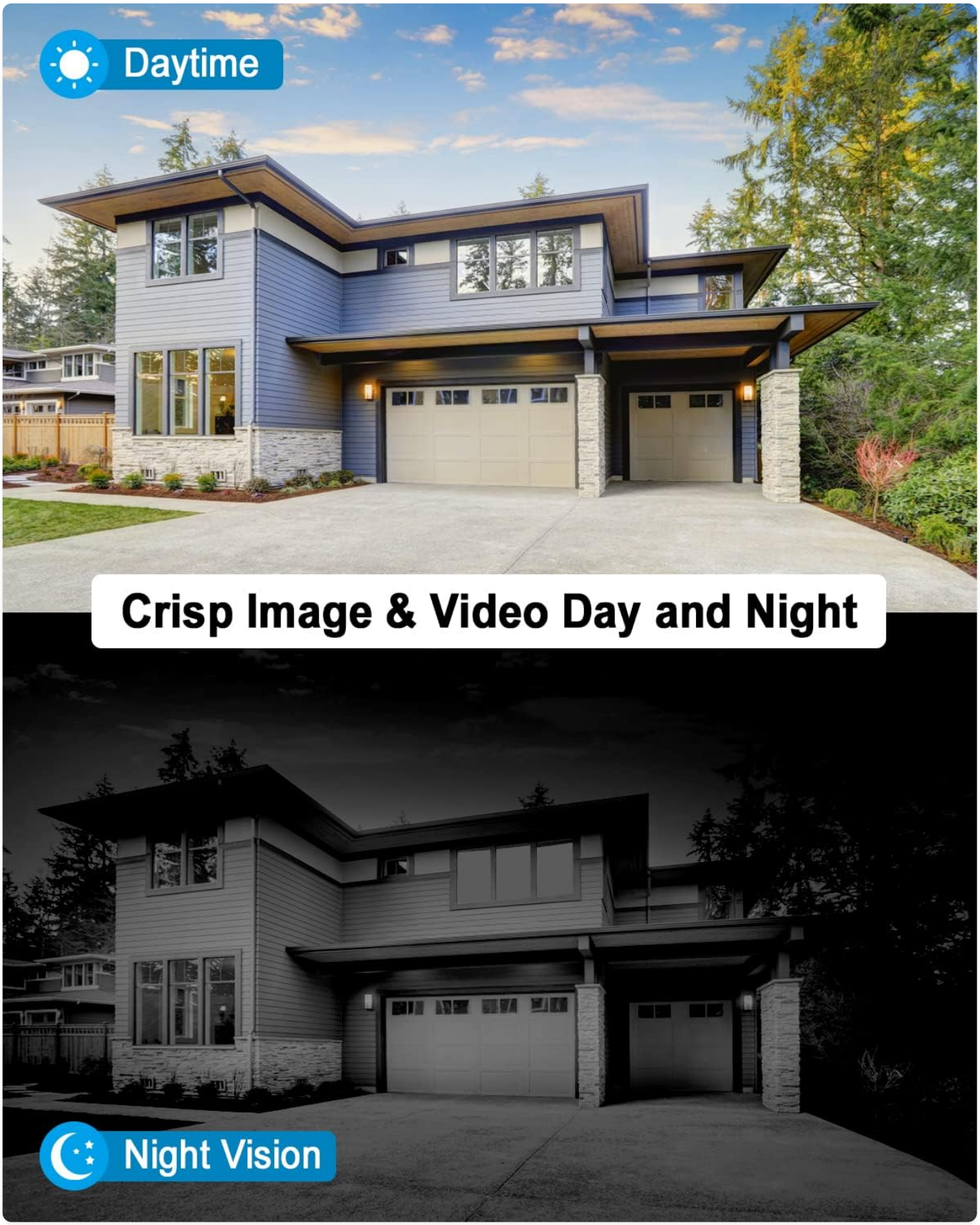


Figure 3.2: The camera provides crisp images and video both during the day and at night, with advanced night vision capabilities.

4. Setup

Follow these steps to set up your ANRAN Solar Camera:

1. **Charge the Camera:** Before initial use, fully charge the camera's internal battery using the provided USB cable. This ensures sufficient power for setup and operation.

2. **Insert Micro SD Card (Optional):** If you plan to use local storage, insert a Micro SD card (up to 128GB, not included) into the designated slot on the camera. Ensure the camera is powered off before inserting or removing the card.
3. **Download the App:** Search for the 'CloudEdge' app in your smartphone's app store (iOS or Android) and install it.
4. **Create an Account:** Open the CloudEdge app and follow the on-screen instructions to create a new user account or log in if you already have one.
5. **Add Device:** In the app, tap the '+' icon to add a new device. Select your camera model and follow the pairing instructions. Ensure your phone is connected to a 2.4GHz WiFi network during this process, as the camera does not support 5GHz WiFi.
6. **Mount the Camera:** Choose a suitable outdoor location for mounting. Consider areas with good WiFi signal and direct sunlight exposure for the solar panel.



Figure 4.1: The camera is designed for 365-day non-stop solar power, with a high-capacity rechargeable battery that can also be charged via USB.

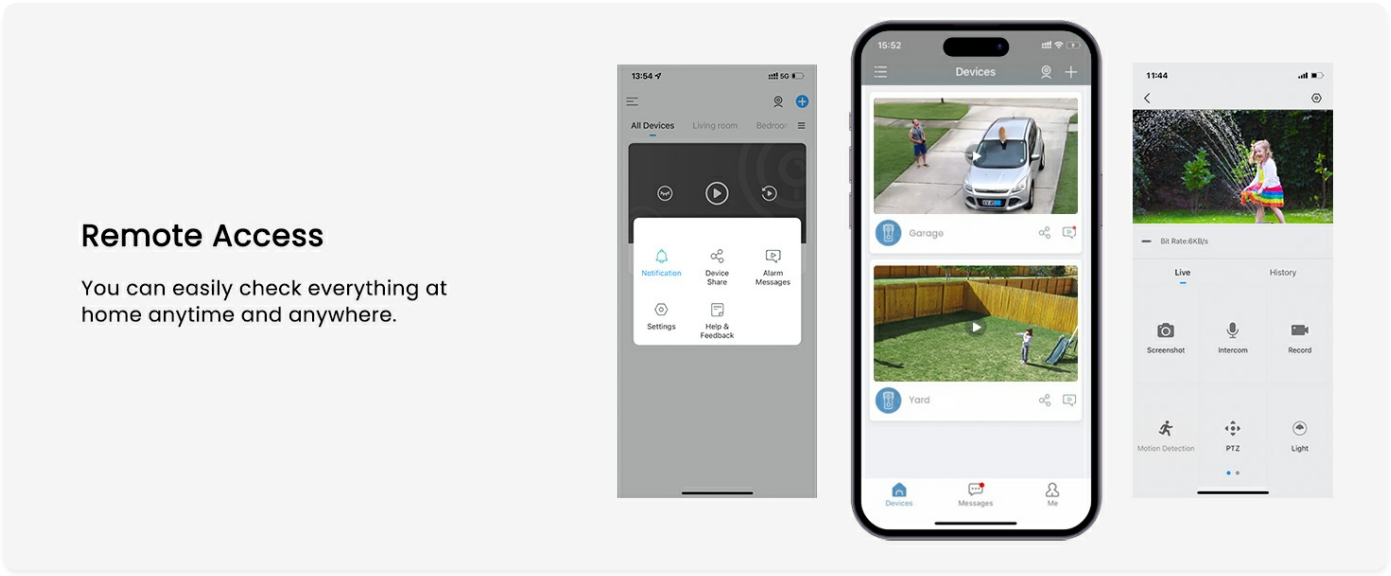


Figure 4.2: The camera supports 2.4GHz WiFi connectivity and offers dual storage options: Micro SD card (up to 128GB) and cloud storage.

Mounting Instructions:

The camera can be mounted on a wall or ceiling. Ensure the mounting surface is sturdy enough to support the camera and solar panel.

Video 4.1: How to install the camera on the wall. This video provides a step-by-step guide for wall mounting.

Video 4.2: How to install the camera on the ceiling. This video provides a step-by-step guide for ceiling mounting.

5. Operating Instructions

Once your camera is set up, you can begin monitoring and managing it through the CloudEdge app.

5.1 Live View and PTZ Control

Open the CloudEdge app and select your camera from the device list to access the live view. Use the on-screen controls to pan (3550) and tilt (900) the camera, and use the digital zoom feature to focus on specific areas.



Figure 5.1: The camera provides a 360-degree panoramic view, ensuring comprehensive coverage without blind spots.

5.2 Two-Way Audio

Tap the microphone icon in the live view interface to enable two-way audio. You can speak through your phone, and your voice will be projected through the camera's speaker. Similarly, you can hear audio from the camera's location.



Figure 5.2: The two-way audio feature allows for real-time communication through the camera.

5.3 Motion Detection and Alerts

Configure motion detection settings within the app. You can adjust sensitivity, set detection zones, and choose alert preferences (siren, spotlights, app notifications). When motion is detected, you will receive real-time alerts on your smartphone.

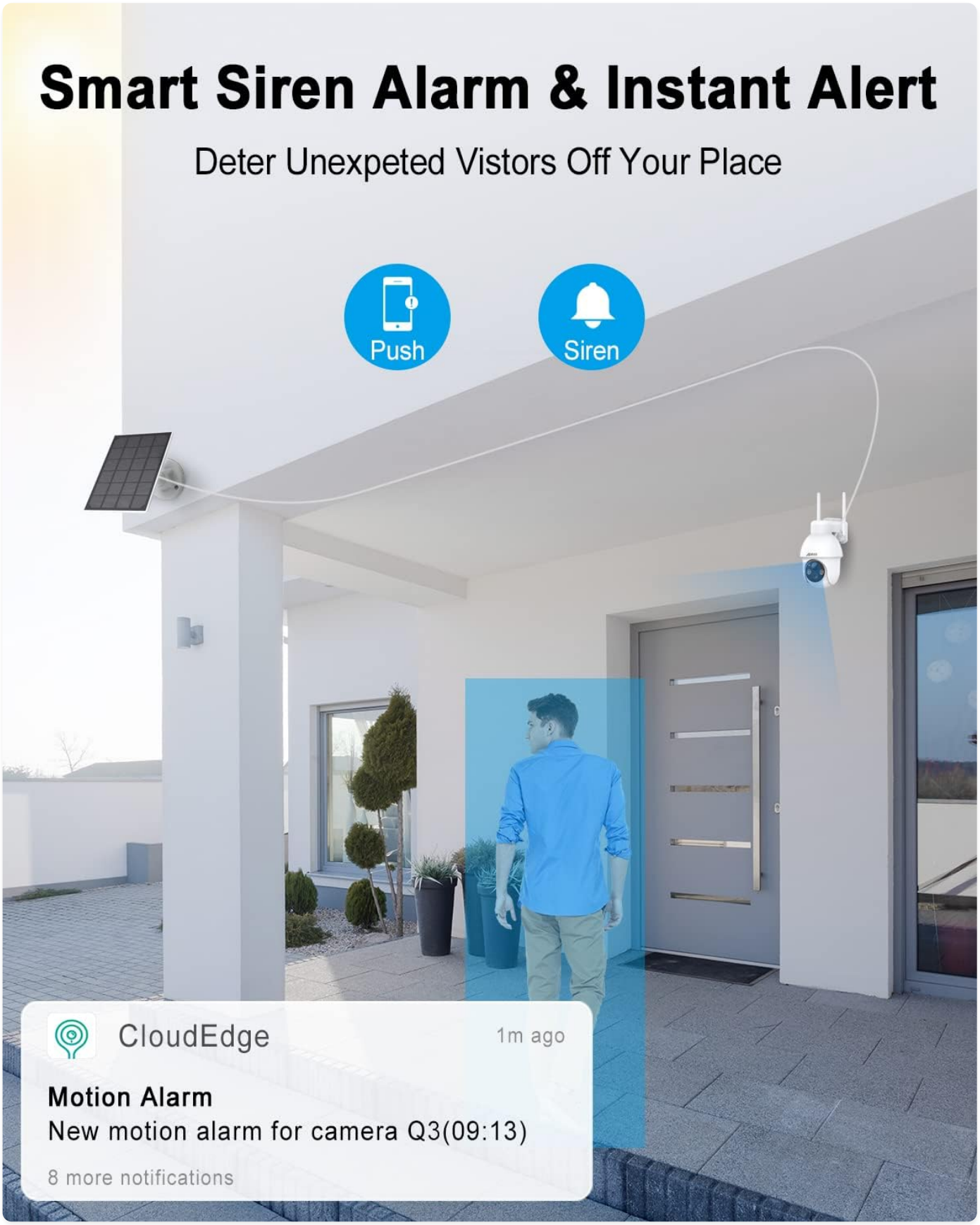


Figure 5.3: The camera provides smart siren alarms and instant alerts upon motion detection.

5.4 Storage and Playback

Recorded footage can be accessed via the app. If using an SD card, recordings are stored locally. Cloud storage is also available as an optional service for secure, off-site backup. Navigate to the 'Playback' or 'History' section in the app to review past events.

5.5 Smart Home Integration

To integrate with Alexa or Google Assistant, follow the instructions in the CloudEdge app to link your account. Once linked, you can use voice commands to view your camera feed on compatible smart displays.

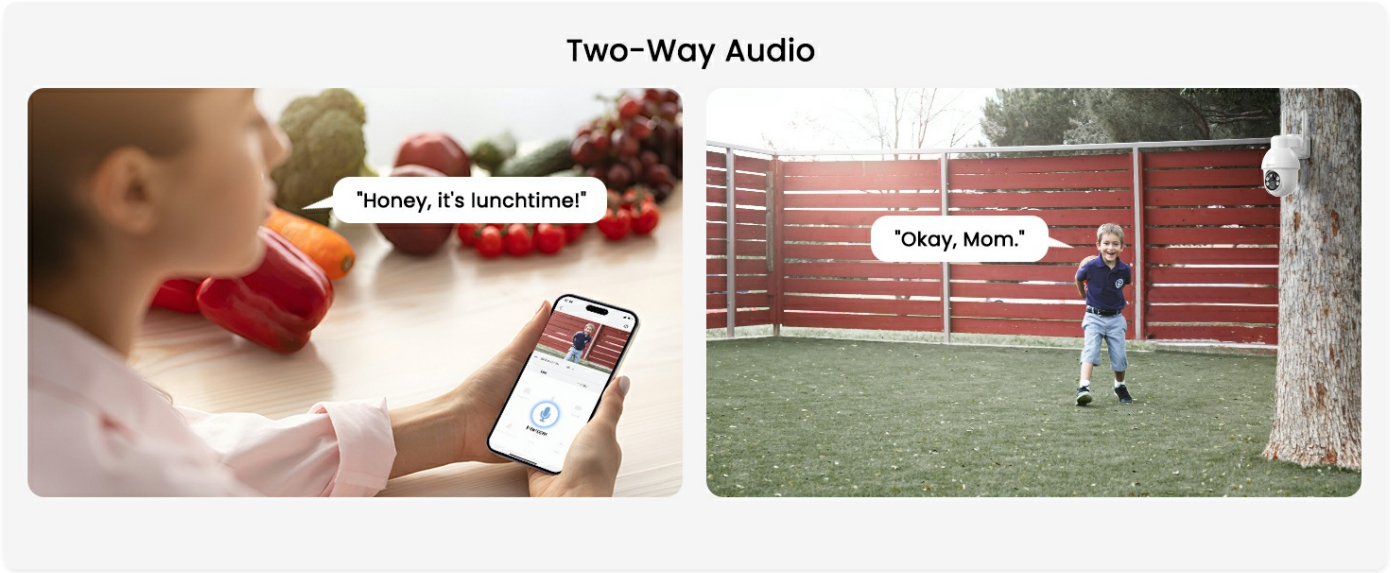


Figure 5.4: The camera seamlessly integrates with Alexa, allowing voice commands to view monitored areas.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your camera:

- **Clean the Lens and Solar Panel:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, or debris. This ensures clear image quality and efficient solar charging.
- **Ensure Solar Panel Exposure:** Verify that the solar panel is not obstructed by leaves, snow, or other objects that could block sunlight. Optimal sunlight exposure is crucial for continuous power.
- **Check Battery Status:** Monitor the battery level through the CloudEdge app. If the battery consistently runs low, consider repositioning the solar panel for better sun exposure or charging the camera via USB.
- **Firmware Updates:** Check the CloudEdge app regularly for available firmware updates. Keeping the camera's firmware updated ensures access to the latest features and security enhancements.

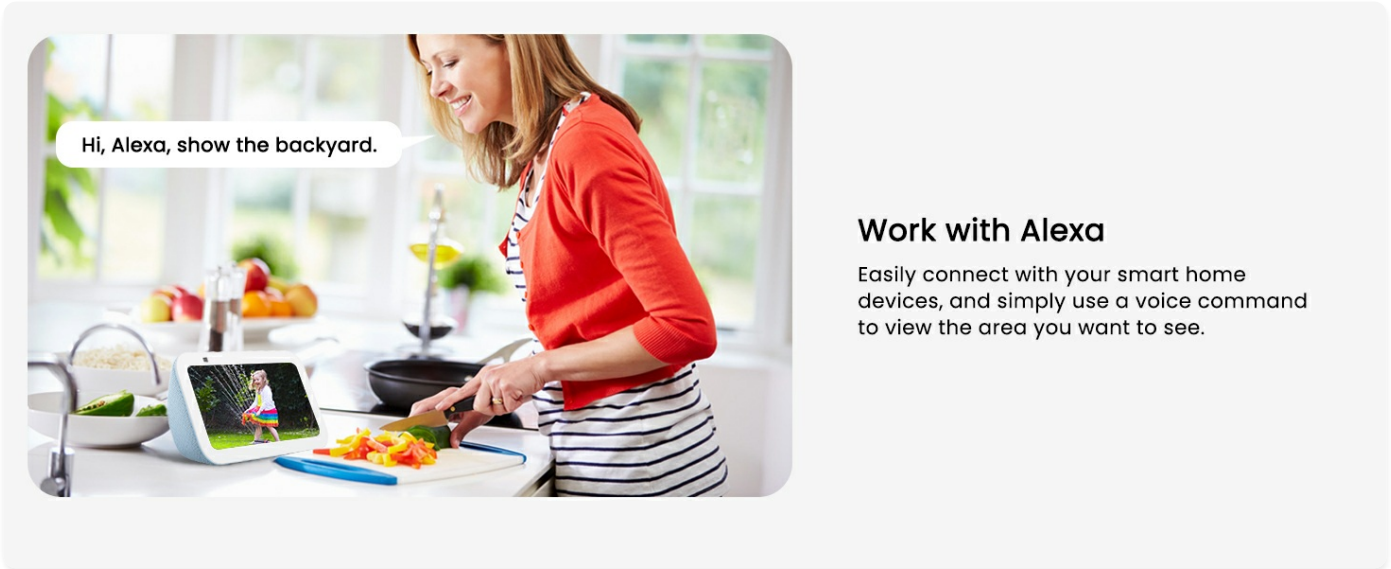


Figure 6.1: The camera is IP65-rated, making it durable and long-lasting in extreme weather conditions.

7. Troubleshooting

If you encounter issues with your ANRAN Solar Camera, refer to the following common problems and solutions:

- **Camera Offline:**
  - Ensure the camera is within range of your 2.4GHz WiFi network.
  - Check your router and internet connection.
  - Verify the camera's battery level.
  - Restart the camera by pressing the reset button (refer to product diagram for location).
- **Battery Not Charging:**
  - Ensure the solar panel is clean and receiving direct sunlight.
  - Check the connection between the solar panel and the camera.
  - If solar charging is insufficient, charge the camera directly using the USB cable.
- **Poor Image Quality:**
  - Clean the camera lens.
  - Ensure there are no obstructions in the camera's field of view.
  - Check your internet speed; a stable connection is needed for high-quality streaming.
- **Motion Detection Not Working:**
  - Adjust motion detection sensitivity in the app.
  - Ensure detection zones are correctly configured.
  - Verify that app notifications are enabled on your smartphone.
- **SD Card Error:**
  - Ensure the SD card is correctly inserted.
  - Try formatting the SD card through the app settings.
  - Test with a different compatible Micro SD card.

8. Specifications

Feature	Specification
Model Name	SWUS-Q03-2025-New
Indoor/Outdoor Usage	Outdoor
Connectivity Protocol	Wi-Fi (2.4GHz only)
Power Source	Battery Powered, Solar Panel
Video Capture Resolution	2K, 3MP
Viewing Angle	355 Degrees (Pan), 90 Degrees (Tilt)
Optical Zoom	4x Digital Zoom
Night Vision Range	50 Feet
Water Resistance Level	Waterproof (IP65)

Feature	Specification
Flash Memory Supported Size Maximum	128 GB (Micro SD)
Compatible Devices	Smartphone
Controller Type	Google Assistant, Amazon Alexa
Included Components	Wireless Solar Camera, 3W Solar Panel, USB Cable, Screw Pack, User Manual
Item Dimensions L x W x H	7 x 6 x 7 inches
Item Weight	1.87 pounds
Material	Acrylonitrile Butadiene Styrene (ABS)

9. Warranty & Support

ANRAN is committed to providing high-quality products and excellent customer service. For any inquiries or support needs, please refer to the following:

- **Multi-channel Service:** ANRAN offers support via email, phone, and live chat. Specific contact details can be found in the user manual included in your product package.
- **24/7 Online Service:** Enjoy round-the-clock online support for your convenience.
- **User Guide (PDF):** For a downloadable version of the user guide, please visit the official ANRAN support page or access it via this direct link: ANRAN Solar Camera User Guide PDF.



Figure 9.1: ANRAN provides comprehensive after-sales service, including multi-channel support and 24/7 online assistance.

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