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ANRAN Q03-2025NEW

ANRAN 2026 Solar Security Camera User Manual

Model: Q03-2025NEW

PRODUCT OVERVIEW

The ANRAN 2026 Solar Security Camera is an advanced outdoor surveillance solution designed for ease of use and reliable performance. Featuring a 2K Ultra HD resolution, 360-degree panoramic view, and a highly efficient adjustable solar panel, this camera provides continuous monitoring without the need for constant recharging or complex wiring. Its robust design ensures functionality in various weather conditions, making it ideal for securing your home, chicken coop, or any outdoor area.



Image: The ANRAN 2026 Solar Security Camera, its accompanying solar panel, and a smartphone displaying the live camera feed.

WHAT'S IN THE BOX

Please verify that all components are present before proceeding with installation.

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

SETUP AND INSTALLATION

Charging the Battery

Before initial use, fully charge the camera's internal battery using the provided USB cable. Connect the USB cable to the camera's charging port and a standard 5V USB power adapter (not included). A full charge typically takes 8 hours.

Mounting the Camera and Solar Panel

The camera and solar panel are designed for outdoor wall mounting. Choose a location that provides optimal sunlight exposure for the solar panel and a clear view for the camera. The adjustable solar panel allows for flexible positioning to maximize sunlight absorption.

1. Select a suitable mounting surface, ensuring it is stable and can support the weight of the camera and solar panel.
2. Use the included screw pack to securely attach the camera bracket to the desired location.
3. Attach the solar panel bracket to a location where it receives direct sunlight for most of the day.
4. Mount the camera onto its bracket and adjust its angle.
5. Connect the solar panel cable to the camera's charging port. Ensure the connection is secure and waterproof.



Image: Illustration demonstrating the stable and easy installation of the ANRAN camera with its adjustable solar panel compared to a fixed panel setup.



Suitable for A Variety of Installation Scenarios

This solar-powered camera can be installed in a variety of ways according to your needs.

Image: Examples of different installation scenarios for the ANRAN solar-powered camera, showing its versatility.

App Connection

Download the 'ANRAN' application from your smartphone's app store. Follow the in-app instructions to connect your camera to your 2.4GHz or 5GHz WiFi network. The app will guide you through the pairing process.

OPERATING INSTRUCTIONS

360° Pan and Tilt Functionality

The ANRAN camera supports 355° horizontal pan and 90° vertical tilt, providing a comprehensive view with virtually no blind spots. Use the directional controls within the ANRAN app to remotely adjust the camera's viewing angle.



All-Around Surveillance

Image: The ANRAN camera illustrating its 355-degree pan and 90-degree tilt capabilities for comprehensive surveillance.

360° Panoramic View

A pan and tilt home security camera that offers comprehensive coverage without any blind spots.



Image: A panoramic view demonstrating the ANRAN camera's 360-degree coverage.

2K Ultra HD Resolution and Digital Zoom

The camera captures video in 2K Ultra HD resolution, providing clear and detailed images. It also features 4x digital zoom, allowing you to magnify specific areas of interest within the live feed or recorded footage.

2K Ultra HD Security Camera with Solar Panel

Catch More Clera Details

2K

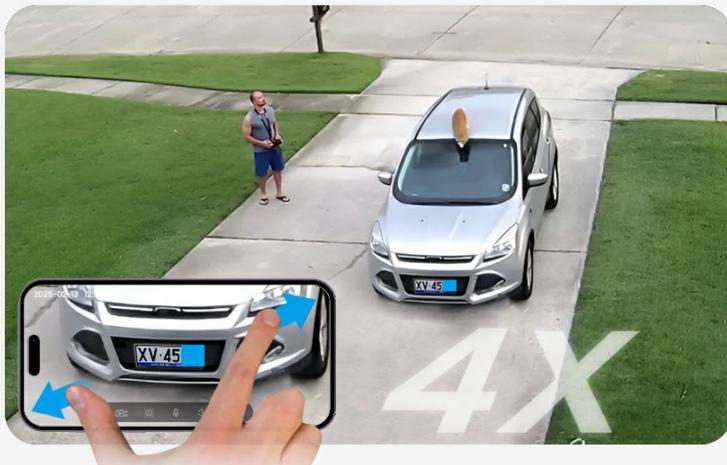
1080P

Image: A visual comparison highlighting the superior clarity of 2K Ultra HD resolution over 1080P from the ANRAN camera.

2K Ultra HD Resolution



Image: A side-by-side comparison illustrating the difference in detail between 2K and 1080P video resolution.



Clear and Visible When Zoomed In

With this outdoor security camera, you can clearly see faces and read license plates at a distance of 50 feet (15 meters), keeping track of who is coming and going.

4x Digital Zoom

Image: An example demonstrating the 4x digital zoom feature, allowing clear visibility of details like faces and license plates from a distance.

Night Vision Modes

The camera offers three night vision modes: Smart Mode, Color Mode, and Infrared Mode. Smart Mode automatically switches between infrared and color night vision based on detected motion and lighting conditions. The camera's exclusive aperture design allows for clear visibility up to 56 feet in low light.

- **Smart Mode:** Automatically adjusts between infrared and color vision.
- **Color Mode:** Provides full-color night vision when spotlights are activated.
- **Infrared Mode:** Standard black and white night vision using infrared LEDs.

Three Night Vision Modes

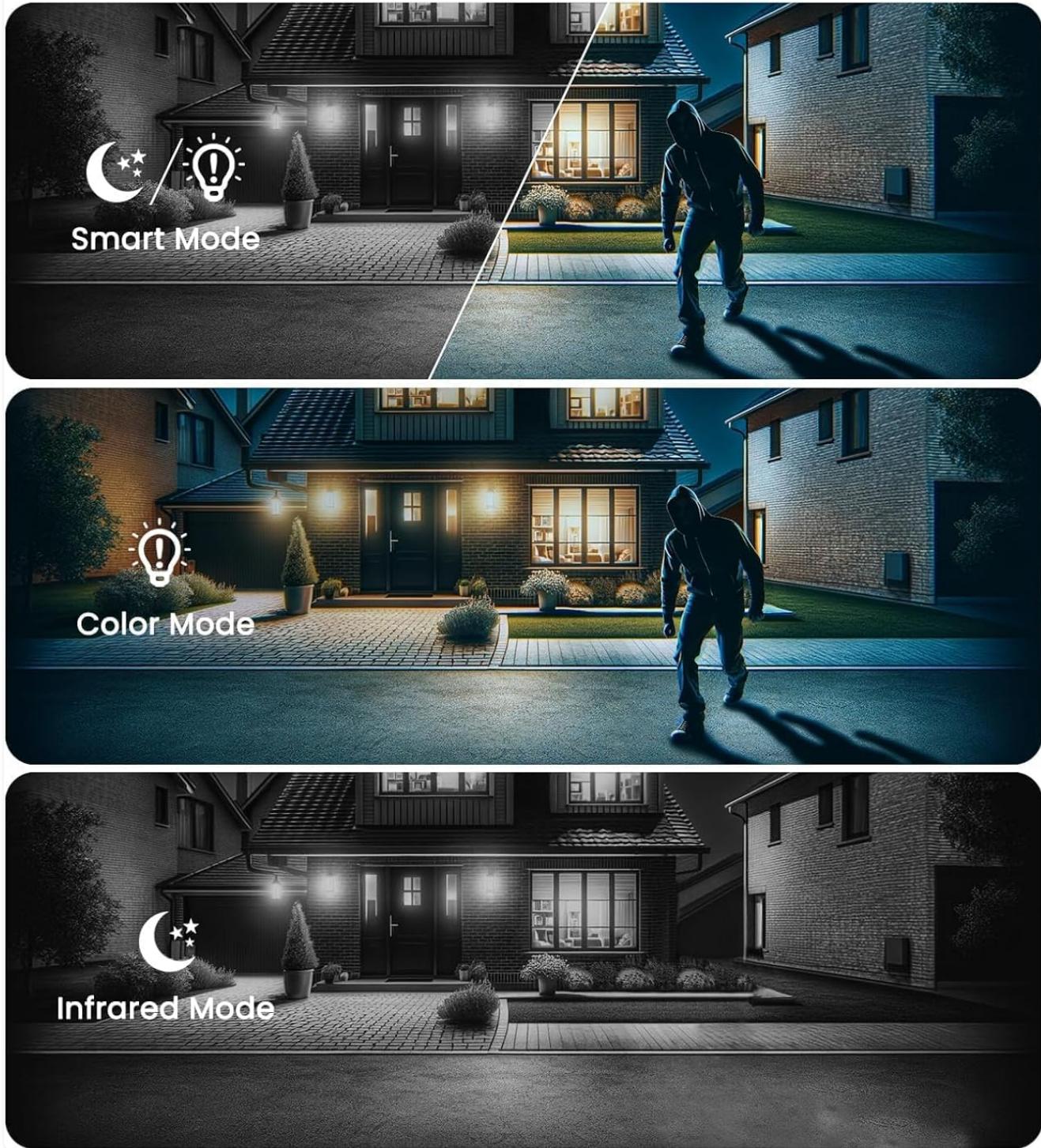


Image: Visual representation of the three night vision modes: Smart, Color, and Infrared, showing their respective effects on image clarity and color.



Smart Night Vision

Default infrared and color night vision, with the capability to switch automatically based on detection.

Image: Depiction of Smart Night Vision, which automatically switches between infrared and color modes based on detection.

PIR Motion Detection and Alerts

The camera is equipped with advanced PIR (Passive Infrared) motion sensors and AI human detection. When motion is detected, the camera will illuminate the surrounding area with its spotlights and send real-time alerts to your phone via the ANRAN app.

Sensitive PIR Function

Advanced PIR sensors that can detect people even in the dark and immediately send notifications to you.

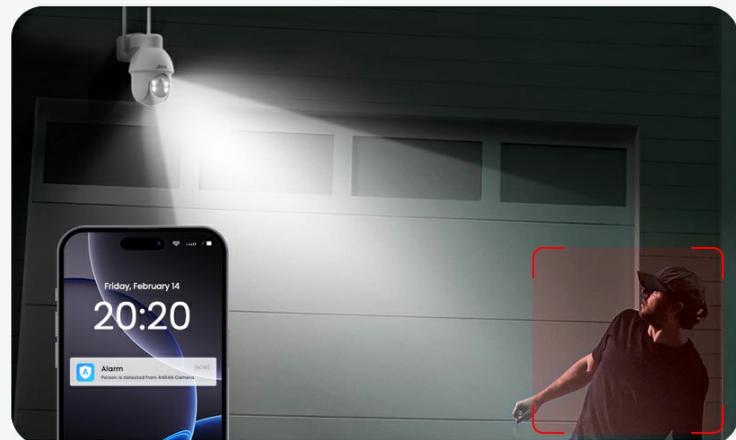


Image: An illustration of the sensitive PIR function detecting a person in the dark and triggering a notification on a smartphone.

Two-Way Audio Communication

Utilize the built-in microphone and speaker for two-way audio communication. This feature allows you to listen to the camera's surroundings and speak through the camera from your smartphone, enabling interaction with visitors or deterring intruders.

Remote Access & 2-Way Audio

Listen and Talk Back Anytime Anywhere



Image: A user interacting with the ANRAN camera's two-way audio feature via a smartphone app, demonstrating remote communication.

Two-Way Audio

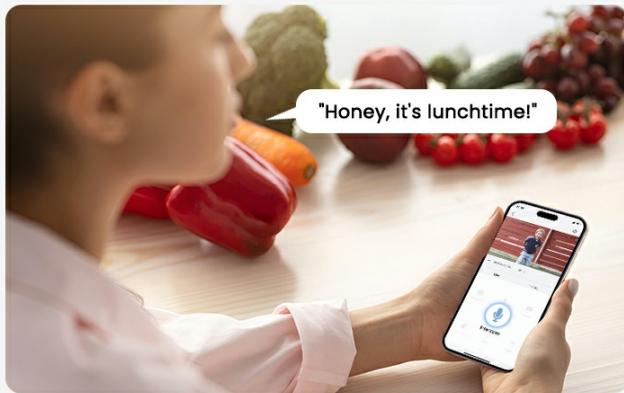


Image: An example of two-way audio communication, showing a person speaking through the camera to a child in the yard.

Cloud Storage and Local Storage

The camera offers 7 days of free cloud storage for short video clips (6 seconds). For extended storage, you can subscribe to cloud plans or insert a Micro SD card (up to 128GB, not included) into the camera's slot for local recording.



Up to



128GB

Micro SD Card
(SD Card not included)

7 Days A blue cloud icon with an upward arrow.

Free Cloud Storage
(Can choose to upgrade to
30 days of cloud storage)

Image: A close-up view of the camera's Micro SD card slot and an indication of the available 7 days of free cloud storage.

Customizable Monitoring Zones

Define specific monitoring zones within the camera's field of view using the ANRAN app. This allows you to focus on critical areas and reduce unnecessary alerts from non-essential movements.



Focus on the Areas You Want

Customizable monitoring zones to ensure no important details are missed.

Image: A diagram illustrating how to set customizable monitoring zones within the camera's view to focus on specific areas.

Remote Access and Alexa Integration

Access your camera's live feed and settings remotely from anywhere using the ANRAN app. The camera is also compatible with Alexa, allowing for voice control to view your camera feed on compatible smart displays.

Remote Access

You can easily check everything at home anytime and anywhere.

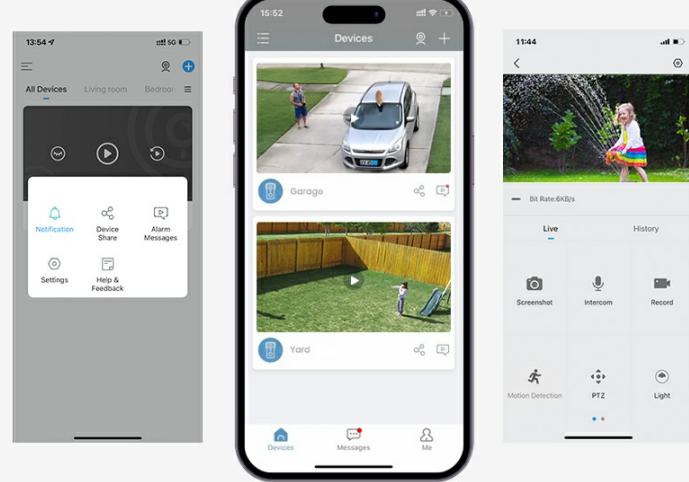
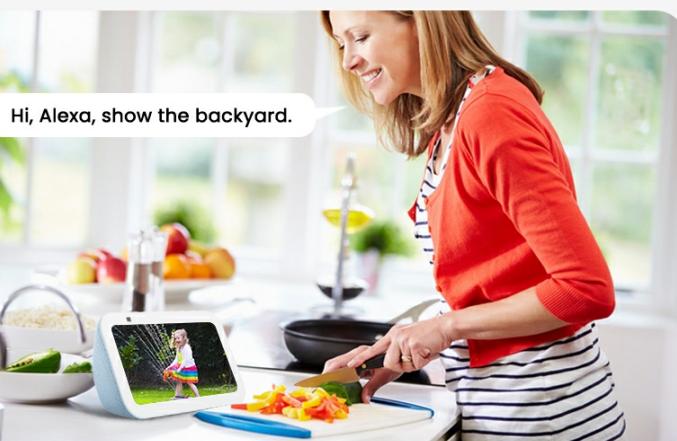


Image: Screenshots of the ANRAN app interface, demonstrating remote access to multiple camera feeds and settings.



Work with Alexa

Easily connect with your smart home devices, and simply use a voice command to view the area you want to see.

Image: A person using an Alexa-enabled smart display to view the camera feed, illustrating the voice control integration.

MAINTENANCE

Solar Panel Efficiency

The ANRAN camera utilizes BC solar technology, which is designed for high efficiency, even in low light conditions. The 3W detached solar panel charges faster than standard panels. To ensure optimal charging, periodically clean the surface of the solar panel to remove dust, dirt, or debris that may obstruct sunlight.



Image: A comparison highlighting the ANRAN camera's 3W solar panel efficiency against typical 1.5W solar panels.

Upgraded Solar Panel

(Long-Lasting Panel Life)



97%
Transfer Efficiency

60%
Charging Efficiency

8H
Fully Charged

Image: The upgraded solar panel, emphasizing its long-lasting life and high transfer efficiency for consistent power.

Weather Resistance

The camera has an IP65 international protection rating, indicating it is waterproof and dust-tight. It is designed to withstand various outdoor weather conditions, including temperatures ranging from -20°C (-4°F) to 50°C (122°F).

Durable and Long-Lasting

IP65-rated protection, capable of withstanding any extreme weather conditions.



Image: The ANRAN camera depicted in various weather conditions (snow, rain, sun), highlighting its durable and long-lasting IP65 protection.

General Cleaning

Wipe the camera lens and body periodically with a soft, damp cloth to ensure clear image quality and maintain the device's appearance. Avoid using harsh chemicals or abrasive materials.

TROUBLESHOOTING

No Power/Camera Offline

- Ensure the solar panel is clean and receiving adequate direct sunlight.
- Check the connection between the solar panel and the camera.
- If the battery is low, charge the camera directly using the USB cable.
- Verify your WiFi network is active and the camera is within range.

Poor Image Quality

- Clean the camera lens to remove any dust or smudges.
- Ensure there are no obstructions in the camera's field of view.
- Check your network connection speed; a weak signal can affect streaming quality.

Motion Detection Not Working

- Verify that motion detection is enabled in the ANRAN app settings.
- Adjust the sensitivity settings for PIR detection.
- Ensure the camera's view is not obstructed.

Two-Way Audio Issues

- Check the microphone and speaker settings in the ANRAN app.
- Ensure your phone's volume is up and the app has microphone permissions.
- Verify a stable network connection for real-time audio transmission.

SPECIFICATIONS

Feature	Detail
Model Name	Q03-2025NEW
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Technology	Wireless (Wi-Fi 2.4GHz/5GHz)
Video Capture Resolution	2K Ultra HD (3 MP Effective Still Resolution)
Viewing Angle	360 Degrees (355° Pan, 90° Tilt)
Night Vision Range	56 Feet (approx. 17 meters)
Digital Zoom	4x
Battery Power	5000 Milliamp Hours (Included)
Storage	Micro SD (up to 128GB), Cloud Storage
Water Resistance Level	IP65 Waterproof
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Dimensions (L x W x H)	9 x 7 x 6 inches
Item Weight	2.05 Pounds
Compatible Devices	Alexa

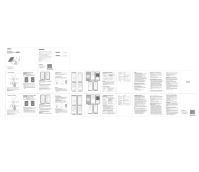
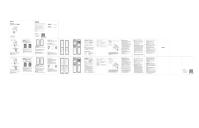
WARRANTY AND SUPPORT

ANRAN is committed to providing high-quality products and excellent customer service. For any inquiries, technical assistance, or warranty claims, please refer to the contact information provided in your product packaging or visit the official ANRAN website.



Image: Information regarding ANRAN's multi-channel after-sales service, including email, phone, and live chat support. ANRAN offers 7x24 hours online service to assist you anytime. We welcome you to consult us for any product-related questions or support needs.

Related Documents

	<p><u>ANRAN Solar Security Camera Outdoor User Manual</u></p> <p>This manual provides instructions for setting up and using the ANRAN Solar Security Camera Outdoor, a 5MP wireless camera with 2.4G WiFi, 360° view, pan/tilt, Alexa compatibility, night vision, PIR human detection, two-way talk, and IP65 rating.</p>
	<p><u>ANRAN Solar Security Cameras: User Guide and Specifications</u></p> <p>Comprehensive guide for ANRAN Solar Security Cameras, covering setup, features, and specifications for wireless outdoor surveillance.</p>
	<p><u>ANRAN 3MP Solar Security Camera: Quick Start Guide</u></p> <p>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.</p>
	<p><u>ANRAN C3 Pro Battery Camera Setup Guide - Wireless Outdoor Security</u></p> <p>Comprehensive setup guide for the ANRAN C3 Pro Battery Camera. Learn how to connect your wireless outdoor security camera via the ANRAN app, including Wi-Fi setup and device pairing for home security.</p>