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› **ANRAN 4MP WiFi Surveillance Camera, Integrated Solar Panel, 360° PTZ Battery Surveillance Camera, Human Detection, Color Night Vision, Two-Way Audio, Alarm Siren N40W1605**

ANRAN N40W1605

ANRAN 4MP WiFi Surveillance Camera User Manual

Model: N40W1605

1. INTRODUCTION

Thank you for choosing the ANRAN 4MP WiFi Surveillance Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your camera. This camera features an integrated solar panel for continuous power, 360° pan/tilt/zoom capabilities, human detection, color night vision, two-way audio, and an alarm siren for comprehensive security monitoring.

Image: Front view of the ANRAN 4MP WiFi Surveillance Camera with its integrated solar panel and dual antennas.

2. SAFETY INFORMATION

- Ensure the camera is installed in a stable location to prevent falling.

- Do not expose the camera to extreme temperatures, direct sunlight for prolonged periods without proper ventilation, or excessive moisture.

- Use only the specified power adapter or rely on the integrated solar panel for power.

- Keep the camera and its components out of reach of children.

- Do not attempt to disassemble or repair the camera yourself. Contact customer support for assistance.

- Regularly clean the solar panel to ensure optimal charging efficiency.

3. PACKAGE CONTENTS

Please check the package contents upon unboxing:

- ANRAN 4MP WiFi Surveillance Camera (N40W1605)
- Mounting Bracket
- Mounting Screws and Wall Plugs
- USB Charging Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your ANRAN camera:

- **Solar Panel:** Integrated at the top for continuous power.
- **Camera Lens:** 4MP resolution for clear video.
- **Infrared LEDs:** For black and white night vision.
- **White Light LEDs:** For color night vision and alarm illumination.
- **PIR Motion Sensor:** Detects human movement.
- **Microphone:** For audio input.
- **Speaker:** For two-way audio and alarm siren.
- **Antennas:** For stable Wi-Fi connection.
- **Reset Button:** Used for resetting the camera.
- **SD Card Slot:** For local video storage (supports up to 128GB, card not included).

5. SETUP

5.1 Initial Charging

Before first use, it is recommended to fully charge the camera using the provided USB cable. The integrated solar panel will then maintain the charge.

Energia Solare Incorporata per Ridurre al Minimo le Perdite Durante la Trasmissione dell'energia

Image: Close-up of the ANRAN camera highlighting the integrated solar panel, designed to minimize energy loss during power transmission.

5.2 App Installation

Download the "ARCCTV" app from the Google Play Store (for Android) or the Apple App Store (for iOS). Scan the QR code provided in the quick start guide or search for "ARCCTV".

Image: Illustration showing the ARCCTV app interface on a smartphone, tablet, and desktop, indicating multi-device compatibility for viewing camera feeds.

5.3 Connecting to Wi-Fi

1. Open the ARCCTV app and create an account or log in.

2. Tap the "+" icon to add a new device.

3. Follow the on-screen instructions to connect the camera to your 2.4GHz Wi-Fi network. Ensure your camera is close to your Wi-Fi router during the initial setup.

4. The camera will indicate successful connection.

Stable WIFI Connection

30M long distance wifi coverage

30% WIFI Signal Enhanced

20% Less Battery Consumption
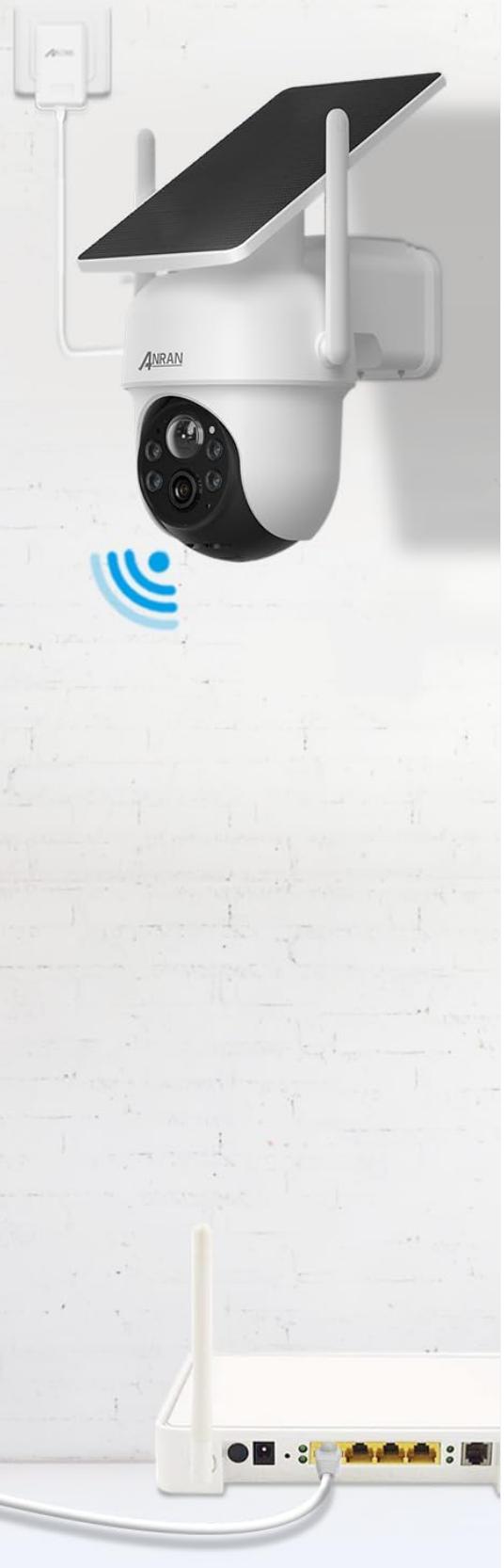
Image: Diagram illustrating the stable WiFi connection of the ANRAN camera, showing its ability to maintain connection over 30 meters, enhance signal by 30%, and reduce battery consumption by 20%.

5.4 Mounting the Camera

Choose a location with good Wi-Fi signal and direct sunlight exposure for the solar panel. The camera is designed for outdoor use.

1. Mark the drilling points using the mounting bracket as a template.

2. Drill holes and insert wall plugs if mounting on masonry.

3. Secure the mounting bracket to the wall with screws.

4. Attach the camera to the mounting bracket and adjust its angle.

Image: A person on a ladder installing the ANRAN camera on an exterior wall, demonstrating its completely wireless and easy installation.

6. OPERATING THE CAMERA

6.1 Live View

Open the ARCCTV app and select your camera to view the live feed. You can switch between SD and HD quality for optimal viewing.

6.2 Two-Way Audio

Tap the microphone icon in the live view to speak through the camera's speaker. This allows for real-time communication with visitors or to deter intruders.

6.3 PTZ Control (Pan/Tilt/Zoom)

Use the directional controls in the app to pan the camera horizontally (355°) and tilt it vertically (90°), providing a 360° comprehensive surveillance coverage without blind spots. Digital zoom is also available.

Image: An illustration demonstrating the ANRAN camera's 355° pan and 90° tilt capabilities, showing a wide area of coverage and the in-app controls for movement.

6.4 Motion Detection and Alerts

The camera features a PIR motion sensor for human detection. When motion is detected, the camera will:

- Send instant notifications to your phone.
- Activate the alarm siren (if enabled).
- Turn on the white light for illumination.
- Record the event to the SD card or cloud storage.

Adjust sensitivity settings in the app to minimize false alarms from pets or environmental factors.
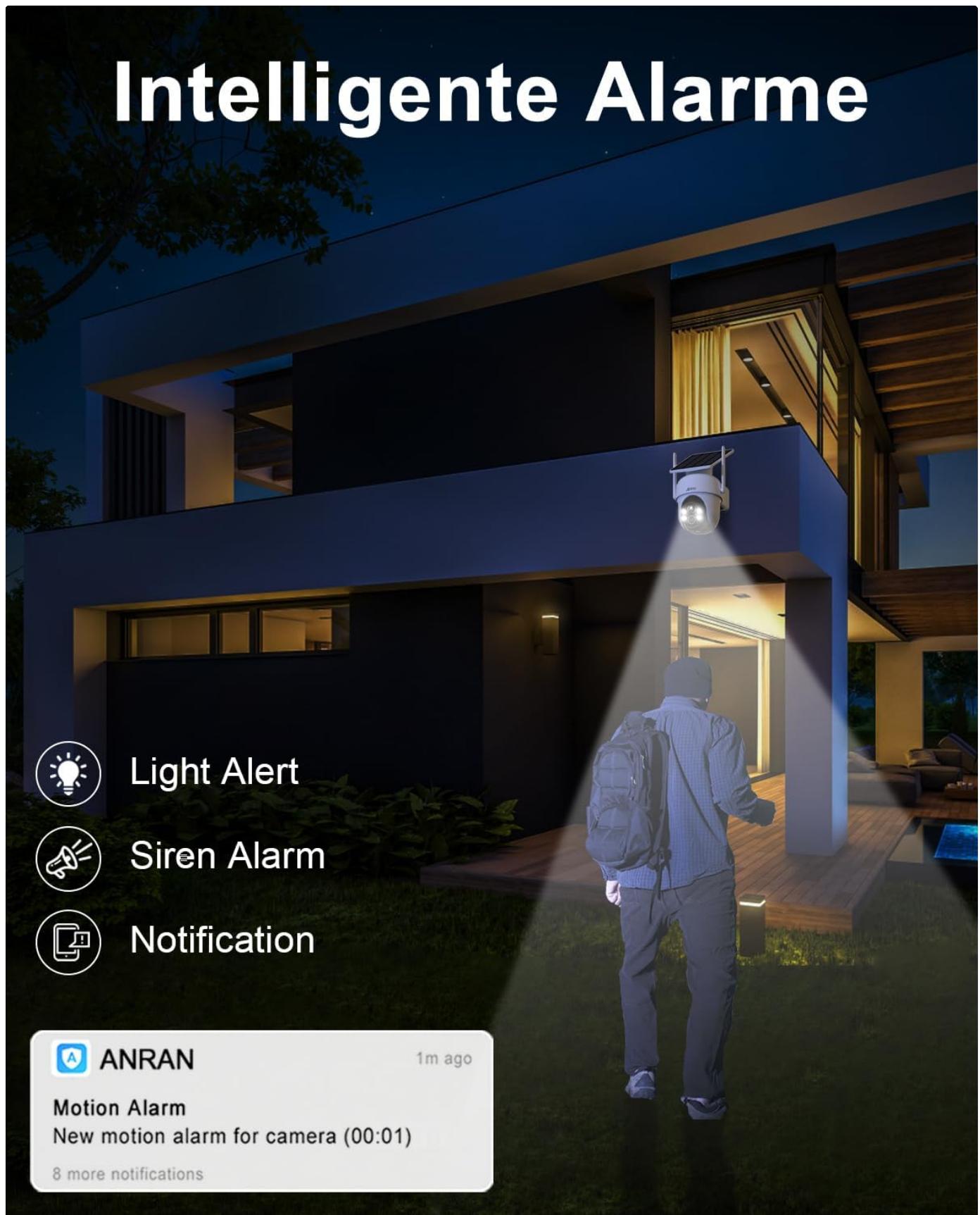
Image: A night scene showing the ANRAN camera detecting a person, with icons indicating light alert, siren alarm, and notification, demonstrating its intelligent alarm capabilities.

6.5 Night Vision

The camera supports two night vision modes:

- **Infrared Night Vision:** Provides clear black and white images in low light or complete darkness.

- **Color Night Vision:** Utilizes white light LEDs to provide full-color images at night when motion is detected or manually activated.

Image: Comparison of standard night vision (black and white) and 4MP FHD color night vision from the ANRAN camera, showing enhanced detail and color in low-light conditions.

6.6 Recording and Playback

Recorded footage can be accessed via the ARCCTV app. You can review events stored on the SD card or in the cloud (subscription may be required for cloud storage).

6.7 Multi-User Sharing

The ARCCTV app allows you to share camera access with family members or trusted individuals. Each user can view the live feed and receive alerts.

7. MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and solar panel with a soft, damp cloth to ensure clear images and efficient charging. Do not use harsh chemicals.

- **Battery Care:** While the solar panel provides continuous power, avoid prolonged periods of no sunlight to prevent deep discharge of the internal battery. If the camera is stored for an extended time, fully charge it before storage and recharge every few months.

- **Software Updates:** Keep the ARCCTV app and camera firmware updated to ensure optimal performance and access to new features. Check the app for update notifications.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline	Weak Wi-Fi signal; Camera battery low; Router issue.	Move camera closer to router; Recharge camera; Restart router.
Poor image quality	Dirty lens; Low light conditions; Weak Wi-Fi signal.	Clean the lens; Ensure adequate lighting or use night vision; Improve Wi-Fi signal.
Frequent false alarms	PIR sensitivity too high; Environmental factors (e.g., swaying trees, pets).	Adjust PIR sensitivity in the app; Reposition camera to avoid unwanted triggers.
Battery drains quickly	Insufficient sunlight for solar panel; Frequent motion detections/live views; Extreme cold weather.	Ensure solar panel receives direct sunlight; Reduce motion detection frequency; Charge manually if needed.
Two-way audio not working	Microphone/speaker muted in app; Network latency.	Check app settings; Ensure stable internet connection.

9. SPECIFICATIONS

Feature	Detail
Model Name	N40W1605 (Q4)
Resolution	4MP
Connectivity	Wi-Fi (2.4GHz)
Power Source	Battery powered, Solar powered

Feature	Detail
Battery Type	Lithium-ion
Pan/Tilt Range	Pan: 355°, Tilt: 90°
Night Vision Range	Up to 30 meters
Special Features	Motion Detector, Color Night Vision, Two-Way Audio, Alarm Siren
Usage	Outdoor
Material	Plastic
Dimensions (L x W x H)	21.5 x 16 x 13.5 cm
Weight	800 grams

10. WARRANTY AND SUPPORT

ANRAN provides a **2-year warranty** for this product. For technical support or warranty claims, please contact ANRAN customer service. They offer lifetime technical support and 24/7 online service.

Image: Icons representing 2-year warranty, lifetime technical support, and 24/7 online service, highlighting ANRAN's commitment to customer service.

For more information, visit the official ANRAN store:ANRAN Store

Related Documents - N40W1605

	ANRAN Solar Security Cameras: User Guide and Specifications Comprehensive guide for ANRAN Solar Security Cameras, covering setup, features, and specifications for wireless outdoor surveillance.
	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 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 P3 Max HD WiFi Security Camera Quick Start Guide Get started with your ANRAN P3 Max HD WiFi Security Camera. This guide provides step-by-step instructions for app setup, camera installation, Wi-Fi configuration, and answers common questions. Features include 5MP resolution, PTZ control, 360° view, color night vision, and IP66 waterproofing.
	ANRAN Solar Security Camera Outdoor User Manual 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.
	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.