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› [ANRAN](#) /

› [ANRAN N20W1495 Outdoor Solar Security Camera User Manual](#)

**ANRAN N20W1495**

# ANRAN N20W1495 Outdoor Solar Security Camera User Manual

Model: N20W1495 | Brand: ANRAN

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ANRAN N20W1495 Outdoor Solar Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.



Image: The ANRAN N20W1495 Outdoor Solar Security Camera, a white dome-shaped camera with a solar panel mounted above it, and two antennas on the side.

## 2. PRODUCT OVERVIEW

### 2.1 What's in the Box



## What's in the Box?

Image: All components included in the ANRAN N20W1495 package, laid out on a white surface next to the product box.

- ANRAN N20W1495 Security Camera
- Solar Panel
- Mounting Bracket
- USB Charging Cable
- Mounting Screws and Wall Plugs
- User Manual

### 2.2 Key Features

- **360° View (Pan & Tilt):** Offers a wide surveillance area with 355° horizontal pan and 90° vertical tilt capabilities.



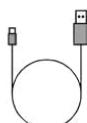
Image: The ANRAN camera mounted on a wall, illustrating its 355-degree pan and 90-degree tilt rotation, providing a 360-degree view.

- **Solar Powered:** Equipped with a solar panel for continuous power, reducing the need for frequent manual charging.



# 365-Day Non-stop Solar Power

## High-Capacity Rechargeable Battery



Support 5V/2A Micro  
USB Adapter Charging



Support Solar  
Panel Charging

Image: The ANRAN camera with its solar panel, highlighting its 365-day non-stop solar power feature and options for USB adapter charging.

- **Smart Siren Alarm & Spotlights:** Features a smart siren and spotlights that activate upon detecting unexpected visitors, serving as a deterrent.

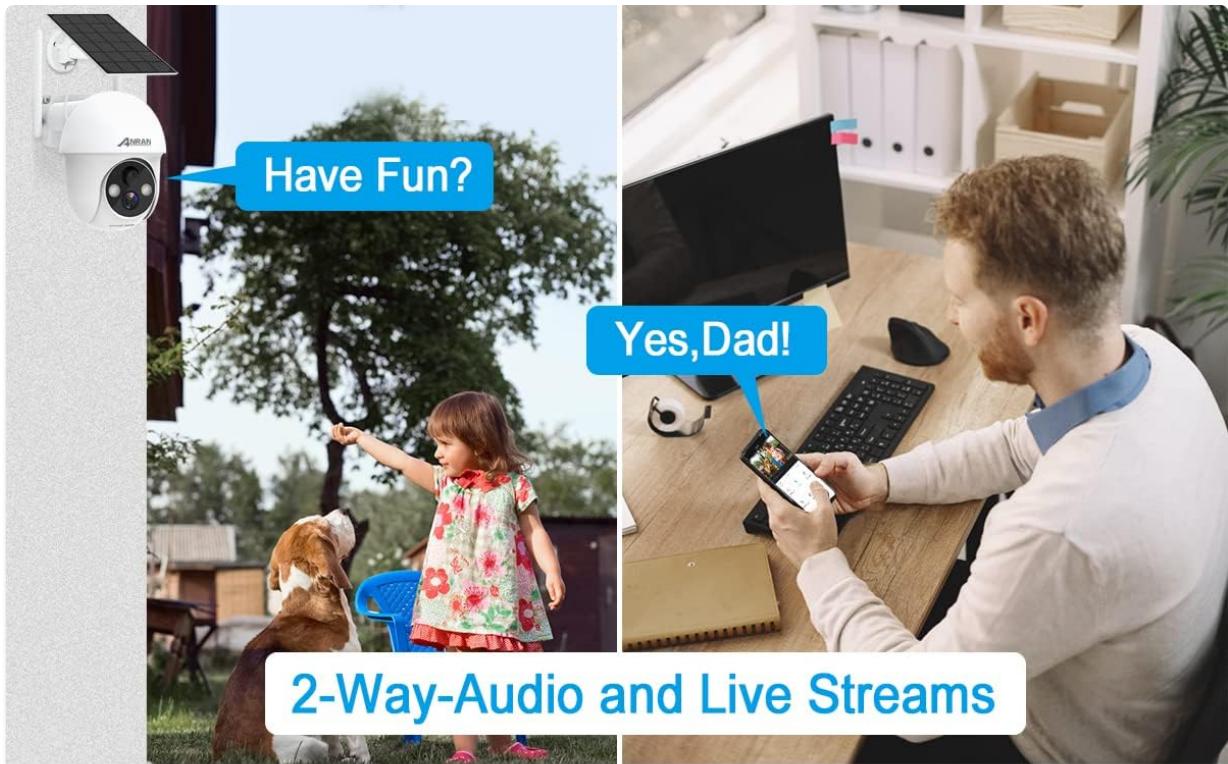


Image: A visual representation of the camera's smart siren alarm and instant alert system, showing a push notification and siren icon.

- **PIR Human Detection:** Advanced Passive Infrared (PIR) sensor for accurate human motion detection, minimizing false alarms.
- **Two-Way Talk:** Built-in microphone and speaker allow for real-time communication with visitors or intruders.

# Smart Siren Alarm & Instant Alert

Deter Unexpected Visitors Off Your Place



Image: The ANRAN camera illustrating its 2-way audio and live stream features, showing a parent interacting with a child and dog, and multiple users viewing simultaneously.

- **Color Night Vision:** Provides clear, full-color video footage even in low-light conditions, alongside traditional IR night vision.



Daytime



**Crisp Image & Video Day and Night**



Night Vision



Image: A comparison of daytime and night vision footage from the ANRAN camera, demonstrating crisp image quality in both conditions.

- **IP65 Waterproof:** Designed to withstand various outdoor weather conditions, ensuring durability and reliable performance.



## IP65 Water-Proof

Image: The ANRAN camera with water droplets on its surface, indicating its IP65 waterproof rating and suitability for outdoor use.

- **Local & Cloud Storage:** Supports up to 128GB Micro SD card (not included) for local storage and offers optional cloud storage services.



UP TO  
**128GB**  
Micro SD Card

(Micro SD Card not Included)

**7-Day**  
Free Trial Cloud Storage



## No Hidden Cost

Image: The ANRAN camera highlighting its Micro SD card slot (supporting up to 128GB) and a smartphone screen showing the 7-day free trial cloud storage option.

- **2.4G WiFi Connectivity:** Connects to your home network via 2.4G WiFi for stable outdoor connection. (5G WiFi is not supported).

### 3. SETUP INSTRUCTIONS

#### 3.1 Initial Charging

Before first use, fully charge the camera's built-in battery using the provided USB cable and a 5V/2A USB adapter (not included). This ensures the camera has sufficient power for initial setup and solar panel integration.

## 3.2 App Download and Account Creation

1. Download the official ANRAN app from the App Store (iOS) or Google Play Store (Android).
2. Open the app and follow the on-screen instructions to create a new user account.

## 3.3 Camera Pairing

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The camera does not support 5GHz Wi-Fi.
2. In the ANRAN app, tap the '+' icon to add a new device.
3. Select your camera model and follow the in-app prompts to connect the camera to your Wi-Fi network. This typically involves scanning a QR code displayed on your phone with the camera lens.

## 3.4 Mounting the Camera

1. Choose a suitable outdoor location for installation. Ensure the solar panel receives direct sunlight for several hours daily.
2. Use the provided mounting bracket, screws, and wall plugs to securely attach the camera to a wall or other stable surface.
3. Adjust the camera's angle to cover your desired surveillance area.
4. Connect the solar panel cable to the camera's charging port.

# 4. OPERATING INSTRUCTIONS

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## 4.1 Live View and Pan/Tilt Control

Open the ANRAN app and select your camera to access the live view. Use the on-screen controls to pan the camera horizontally (355°) and tilt it vertically (90°) to adjust the viewing angle.

## 4.2 Two-Way Audio

In the live view interface, tap the microphone icon to enable two-way audio. You can speak through your phone, and your voice will be projected through the camera's speaker. Tap the speaker icon to listen to audio from the camera's vicinity.

## 4.3 Night Vision Modes

The camera supports multiple night vision modes, configurable within the app:

- **Infrared Mode:** Standard black and white night vision using IR LEDs.
- **Color Mode:** Utilizes built-in spotlights to provide full-color video in low-light conditions.
- **Alarm Mode:** Activates spotlights and siren upon motion detection at night.

### Infrared Mode



### Color Mode



### Alarm Mode



## Three Night Vision Modes

Image: Visual examples of the camera's Infrared, Color, and Alarm night vision modes, demonstrating how each mode appears in low-light conditions.

### 4.4 Motion Detection and Alerts

Configure motion detection sensitivity and alert preferences in the app settings. When human motion is detected, the camera can send instant push notifications to your smartphone and activate the smart siren and spotlights.

### 4.5 Recording and Playback

Recordings are stored on the Micro SD card (if installed) or in the cloud (if subscribed). Access recorded footage through the app's playback feature. You can review events by date and time.

## All-in-One APP to Secure Your Home



Custom Siren



Footage Playback



Instant Alert Push



Multi-User Sharing



Remote Access & Live View

Image: The ANRAN mobile application interface, showcasing features such as custom siren settings, footage playback, instant alert push notifications, multi-user sharing, and remote live view access.

## 5. MAINTENANCE

- **Solar Panel Cleaning:** Regularly clean the surface of the solar panel with a soft, damp cloth to ensure maximum sunlight absorption and charging efficiency. Dust, dirt, or snow can reduce its effectiveness.
- **Lens Cleaning:** Gently wipe the camera lens with a microfiber cloth to remove any smudges or dirt that may affect image clarity.
- **Battery Performance:** In extremely cold temperatures (below -25°C), the battery's charging efficiency and overall performance may be reduced. If the camera loses power in such conditions, it may require temporary removal for indoor charging.
- **Firmware Updates:** Check the ANRAN app periodically for firmware updates. Keeping your camera's firmware updated ensures optimal performance and security.

## 6. TROUBLESHOOTING

- **Camera Not Connecting to Wi-Fi:**

- Ensure your Wi-Fi network is 2.4GHz.
- Check Wi-Fi signal strength at the camera's location.
- Restart your router and the camera.
- Perform a factory reset on the camera and attempt pairing again.

- **Solar Panel Not Charging:**

- Verify the solar panel is clean and free from obstructions.
- Ensure the solar panel cable is securely connected to the camera.
- Confirm the solar panel receives adequate direct sunlight.
- In very cold weather, battery charging may be limited.

- **Blurry Image Quality:**

- Clean the camera lens.
- Check for condensation inside the lens (if applicable, contact support).
- Ensure the camera is focused correctly (if adjustable).

- **Frequent Disconnections:**

- Improve Wi-Fi signal strength (e.g., use a Wi-Fi extender).
- Reduce interference from other electronic devices.

## 7. SPECIFICATIONS

Feature	Specification
Model Name	N20W1495
Mounting Type	Wall Mount

Feature	Specification
Video Capture Resolution	1080p
Color	White
Wireless Communication Technology	Wi-Fi (2.4GHz)
Form Factor	Dome
Material	Metal
Item Dimensions (L x W x H)	16 x 13.5 x 21.8 Centimetres
Water Resistance Level	Waterproof (IP65)
Item Weight	1.01 kg
Type of Bulb	Infrared
Special Features	Night Vision, PIR Human Detection, Smart Siren, Spotlights, 2-Way Talk
Power Source	Battery Powered, Solar Powered
Compatible Devices	Smartphone, Tablet (Android, iPhone)

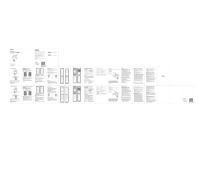
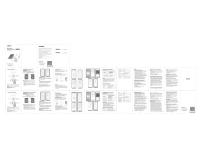
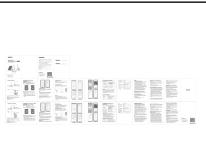
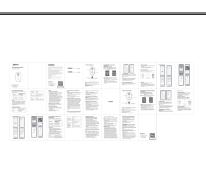
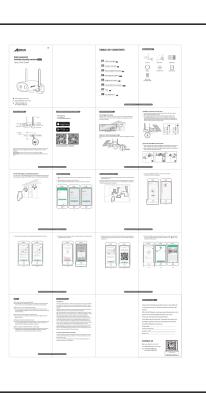
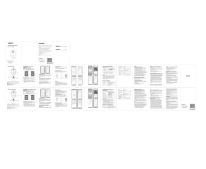
## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

The ANRAN N20W1495 Outdoor Solar Security Camera comes with a one-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

### 8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact ANRAN US-based support via phone or email. Contact details can be found on the official ANRAN website or within the ANRAN mobile application.

	<p><a href="#"><b>ANRAN Solar Security Cameras: User Guide and Specifications</b></a></p> <p>Comprehensive guide for ANRAN Solar Security Cameras, covering setup, features, and specifications for wireless outdoor surveillance.</p>
	<p><a href="#"><b>ANRAN Solar Security Camera Outdoor User Manual</b></a></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><a href="#"><b>ANRAN S01/S02 Wireless Security Camera User Guide and Setup</b></a></p> <p>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.</p>
	<p><a href="#"><b>ANRAN 2K Wireless Outdoor Security Camera User Guide</b></a></p> <p>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.</p>
	<p><a href="#"><b>ANRAN S02 Solar Powered Wireless Security Camera Quick Start Guide</b></a></p> <p>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.</p>
	<p><a href="#"><b>ANRAN 3MP Solar Security Camera: Quick Start Guide</b></a></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>