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› ANRAN 4G LTE Wireless Security Camera Outdoor User Manual

## ANRAN G1

# ANRAN 4G LTE Wireless Security Camera

USER MANUAL - MODEL G1

## 1. Introduction

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The ANRAN 4G LTE Wireless Security Camera (Model G1) is a state-of-the-art outdoor surveillance solution designed for areas without traditional WiFi or electrical power. Featuring a 2K resolution, solar power, and 4G LTE connectivity, this camera provides reliable security monitoring anywhere, anytime. Its pan-tilt capabilities, two-way audio, and advanced motion detection ensure comprehensive coverage and real-time interaction.



Figure 1.1: ANRAN 4G LTE Wireless Security Camera (Model G1) with included accessories.

## 2. What's in the Box

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Upon opening the package, please verify that all components are present and in good condition:

- ANRAN 4G LTE Wireless Security Camera
- Solar Panel
- Preloaded SIM Card (with 100MB trial data)
- 32GB Micro SD Card
- Mounting Bracket and Screws
- Instruction Manual (this document)

## 3. Specifications

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Feature	Specification
Model Number	G1
Video Capture Resolution	2K (3MP Effective Still Resolution)
Connectivity Protocol	Cellular (4G LTE)
Power Source	Solar Powered (9600mAh Battery)
Pan/Tilt Angle	355° Pan, 90° Tilt
Night Vision	Color Night Vision, IR Night Vision (50 Feet Range)
Storage	32GB Micro SD Card (Included), Cloud Storage (Optional)
Weather Resistance	IP66 Waterproof
Audio	2-Way Audio
Motion Detection	PIR Motion Detection with AI
Dimensions (L x W x H)	8 x 6 x 6 inches
Weight	3 Pounds

## 4. Setup and Installation

Follow these steps to set up your ANRAN 4G LTE Wireless Security Camera:

- 1. Insert SIM Card and SD Card:** Locate the card slot on the camera. Carefully insert the preloaded SIM card and the 32GB Micro SD card into their respective slots. Ensure they are correctly oriented.
- 2. Initial Charge (Optional but Recommended):** While the camera is solar-powered, it is recommended to fully charge the camera's internal battery using a 5V USB adapter before the first use, especially if solar exposure will be limited initially.
- 3. Mounting Location:** Choose an outdoor location that provides optimal solar exposure for the solar panel throughout the day. The camera should be mounted at a height that offers a clear view of the area you wish to monitor. Ensure the location is within range of a strong 4G LTE signal.
- 4. Install Mounting Bracket:** Use the provided screws and mounting bracket to securely attach the camera to a wall or other stable surface. The camera supports wall mount installation.
- 5. Adjust Solar Panel:** Position the solar panel to maximize direct sunlight exposure. The cable connecting the solar panel to the camera should be securely plugged in.

Figure 4.1: Camera and solar panel installation for continuous power.



Figure 4.2: Inserting the SIM and SD cards into the camera.

## 5. Operation

### 5.1. App Download and Setup

To operate your ANRAN camera, download the official ANRAN App from your smartphone's app store (available on Apple App Store and Google Play Store). Follow the in-app instructions to register an account and add your camera. The app will guide you through the initial pairing process using the camera's unique ID.

### 5.2. Live View and Remote Access

Once connected, you can access the live video feed from your camera anytime, anywhere via the ANRAN App. The app allows for real-time monitoring and playback of recorded footage.

### 5.3. Pan-Tilt Control

The camera features 355° horizontal pan and 90° vertical tilt capabilities. Use the controls within the ANRAN App to remotely adjust the camera's viewing angle, eliminating blind spots and providing comprehensive coverage of your monitored area.

## Continuous Solar Power Supply

Equipped with a solar panel and large-capacity battery, it can provide uninterrupted power supply for the camera all year round

 9600mAh    1 Sunny Day = 1 Week Working

Tip: Please choose to install solar panels in places that can receive as much light as possible



Figure 5.1: Remote pan and tilt control via the ANRAN App.

### 5.4. Two-Way Audio

The built-in microphone and speaker enable two-way communication. You can listen to the environment around the camera and speak through the camera using the app, which is useful for deterring intruders or communicating with visitors.

## Sensitivity adjustable

Sensitivity level 1-10, choose according to your needs, reduce frequent interference

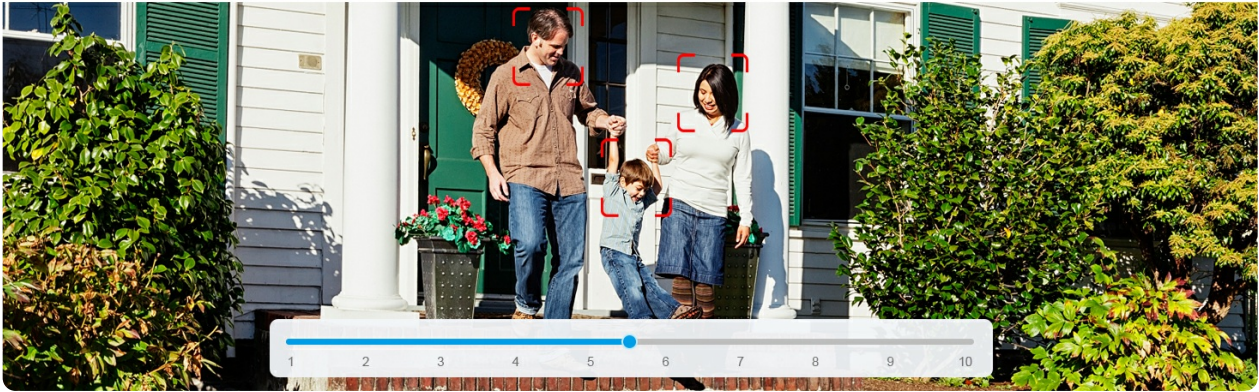


Figure 5.2: Using the two-way talk feature.

### 5.5. Motion Detection and Alerts

The camera utilizes advanced AI-powered PIR (Passive Infrared) motion sensing to accurately detect human and animal movement, significantly reducing false alarms. When motion is detected, you will receive instant notifications on your smartphone. You can customize detection zones, adjust sensitivity levels (1-10), and set alert schedules within the app. The camera can also trigger a built-in siren and spotlights to deter intruders.



Figure 5.3: Real-time alerts and notification settings.

### 5.6. Night Vision

The camera provides clear 2K HD resolution day and night. It supports both vivid color night vision, enabled by its spotlights, and traditional infrared (IR) night vision for discreet monitoring in low-light conditions up to 50 feet.

# 2K HD Resolution Day and Night

Capturing exciting moments, real-time monitoring

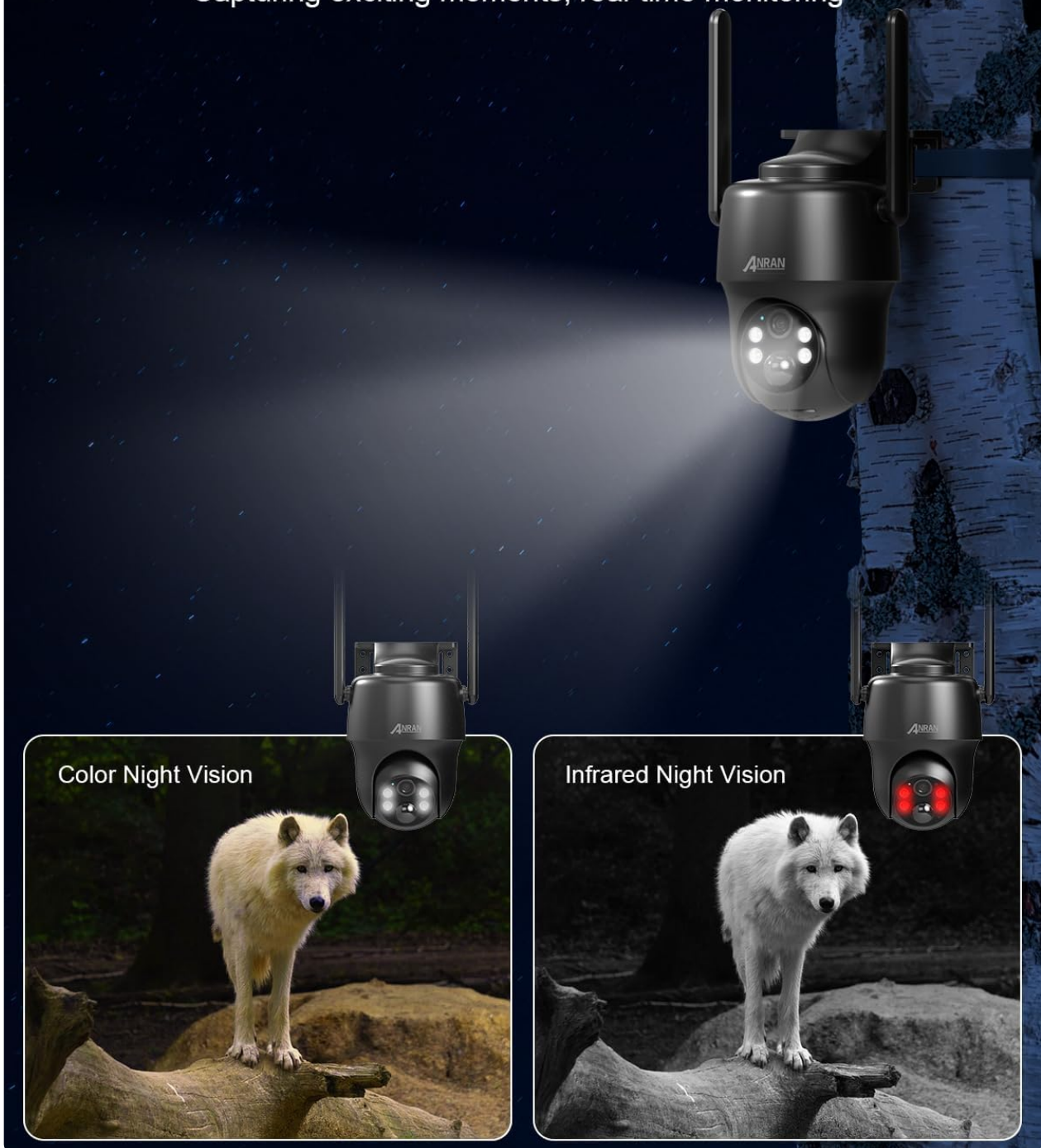


Figure 5.4: Color Night Vision vs. Infrared Night Vision.

## 5.7. Recording and Storage

Video footage is recorded onto the included 32GB Micro SD card. The camera also supports cloud storage options for enhanced data security and accessibility. The 4x digital zoom function allows you to easily see distant details in recorded or live footage.

## Real-Time Two-Way Talk

Listen and talk back in real time via the built-in microphone and speaker

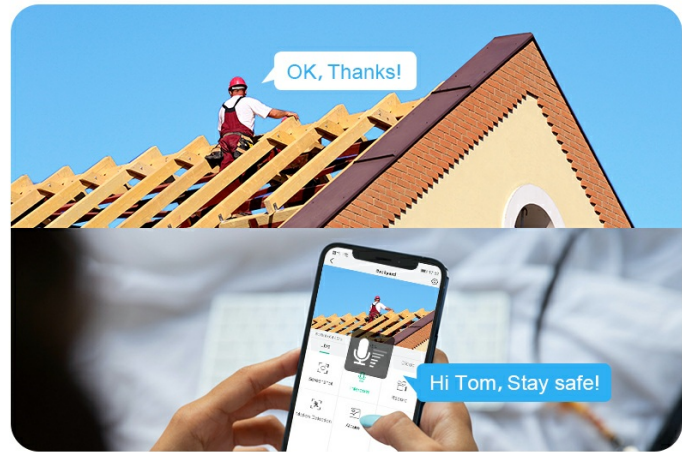


Figure 5.5: Zoom function to capture details.

### 5.8. Multi-User and Multi-Camera Viewing

The ANRAN App allows you to share camera access with family and friends (up to 5 users can watch simultaneously). You can also add up to 20 security cameras to the ANRAN Cam app to monitor different locations simultaneously, viewing up to 4 scenarios at once.



Figure 5.6: Simultaneous monitoring of multiple locations.

## 6. Cellular Data Plans

The camera comes with a preloaded SIM card and 100MB of free trial data. After the trial period, you can choose from flexible data plans to ensure continuous connectivity. The camera is compatible with T-Mobile and AT&T networks.

- Unlimited 30-day plan: \$15.99
- Unlimited 90-day plan: \$43.99
- Unlimited 1-year plan: \$159.99

These plans only work with the included SIM card.

## Real-time Alerts & Notification

 Siren Warning

 Spotlights Warning

 Siren & Spotlights Warning



Figure 6.1: Available cellular data plans.

## 7. Maintenance

To ensure optimal performance and longevity of your ANRAN camera, consider the following maintenance tips:

- **Solar Panel Cleaning:** Periodically clean the surface of the solar panel to remove dust, dirt, or debris that may obstruct sunlight and reduce charging efficiency. Use a soft, damp cloth.
- **Firmware Updates:** Check the ANRAN App regularly for available firmware updates. Keeping the camera's firmware updated ensures you have the latest features, security enhancements, and bug fixes.
- **Physical Inspection:** Occasionally inspect the camera and mounting bracket for any signs of wear, damage, or loose connections, especially after severe weather conditions.

## 8. Troubleshooting

If you encounter issues with your ANRAN 4G LTE Wireless Security Camera, refer to the following common troubleshooting steps:

- **No Signal/Offline:**
  - Ensure the SIM card is correctly inserted and activated with an active data plan.
  - Check the 4G LTE signal strength in the camera's location via the app. Relocate the camera if the signal is weak.
  - Restart the camera by powering it off and on.
- **Battery Not Charging/Low Power:**
  - Verify the solar panel is clean and receiving direct sunlight for several hours daily.
  - Ensure the solar panel cable is securely connected to the camera.
  - Consider temporarily charging the camera via USB if prolonged cloudy weather occurs.
- **False Motion Alerts:**
  - Adjust the motion detection sensitivity level in the app (lower sensitivity for fewer alerts).
  - Define specific detection zones to exclude areas with frequent irrelevant movement (e.g., busy roads, swaying trees).
  - Set an alert schedule to only receive notifications during specific times.

- **Two-Way Audio Issues:**

- Ensure your smartphone's microphone and speaker are enabled and not muted.
- Check the camera's audio settings in the app.
- Verify network connectivity for both the camera and your smartphone.

For more detailed troubleshooting or issues not listed here, please refer to the support section within the ANRAN App or contact ANRAN customer support.

## 9. Warranty and Support

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ANRAN is committed to providing high-quality products and excellent customer service. Your ANRAN 4G LTE Wireless Security Camera comes with a standard warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official ANRAN website.

ANRAN offers multi-channel customer support, including email, phone, and live chat, available 24/7. Our dedicated team is ready to assist you with any questions or concerns regarding your product.



Figure 9.1: ANRAN After-Sales Service.

For support, please visit the ANRAN Store on Amazon or contact us directly through the methods provided in the product packaging or on our official website.