ANRAN G1

ANRAN G1 4G LTE Cellular Solar Security Camera User Manual

Model: G1

1. INTRODUCTION

The ANRAN G1 4G LTE Cellular Solar Security Camera is a 100% wireless outdoor surveillance solution designed for locations without Wi-Fi or electrical power. Featuring 3MP 2K resolution, color night vision, 3600 live view, PIR motion detection, and two-way talk, it provides comprehensive security. This camera comes with a pre-installed SIM card and SD card, offering a convenient and self-sufficient monitoring system.

2. PACKAGE CONTENTS

Please verify that all items are included in your package:

- 1X ANRAN G1 PTZ Camera
- 1X Solar Panel (pre-attached or separate, depending on model variant)
- 1X Pre-installed 4G LTE SIM Card
- 1X Pre-installed SD Card
- Mounting accessories (screws, wall anchors, mounting bracket)
- USB Charging Cable
- User Manual

3. SETUP GUIDE

3.1 Physical Installation

The ANRAN G1 camera is designed for outdoor wall mounting. Ensure the solar panel is installed in a location that receives maximum direct sunlight throughout the day for optimal charging.

Figure 3.1: Camera and solar panel mounted on an outdoor wall.

Avoid facing the camera lens directly into the sun to prevent overexposure and ensure clear image quality.

Figure 3.2: Camera mounted on a tree, demonstrating flexible placement.

3.2 SIM Card and SD Card Installation

The camera comes with a pre-installed 4G LTE SIM card and a 32GB SD card for local storage. Ensure they are properly seated before initial use. The SIM card supports 4G LTE networks from T-Mobile and AT&T.

Figure 3.3: Location of SIM and SD card slots.

3.3 App Download and Device Pairing

Download the ANRAN app from your smartphone's app store (available on iOS and Android). Follow the in-app instructions to add your device:

1. Open the ANRAN app and create an account or log in.
2. Tap 'Add Device' and select '4G Camera'.
3. Press and hold the device power button to start the camera. Ensure the SIM card is inserted and activated.
4. Wait for the red light to blink, indicating it's ready to connect.
5. Scan the QR code located on the camera using your phone's camera within the app. A tone will be heard upon successful scan.
6. Follow the remaining prompts to complete the connection.

Your browser does not support the video tag.

Video 3.1: Step-by-step guide on connecting your ANRAN 4G LTE Cellular Security Camera to the app.

Video 3.2: Overview of the ANRAN 3/4G LTE Cellular Solar Security Camera features and setup.

4. OPERATING INSTRUCTIONS

4.1 Live View and 3600 Control

Access the live feed through the ANRAN app. The camera offers a 3600 panoramic view with 3550 pan and 900 tilt capabilities, ensuring no blind spots. Use the on-screen controls in the app to remotely adjust the camera's viewing angle.
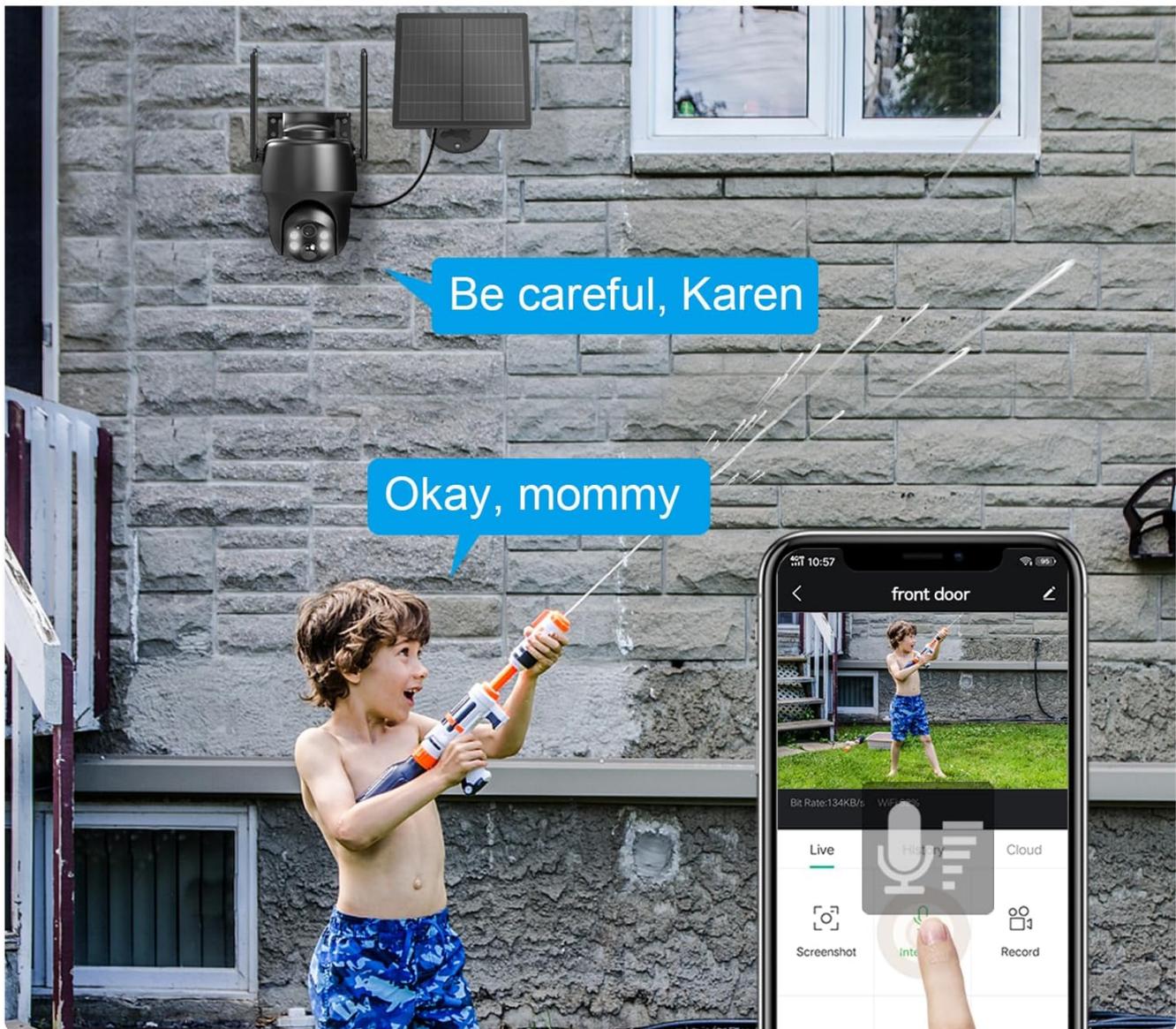

Figure 4.1: App interface for 3600 pan and tilt control.

4.2 Two-Way Audio

The camera features a built-in microphone and speaker, enabling real-time two-way communication. From the live view in the app, tap the intercom icon to speak through the camera and hear responses.

4.3 Motion Detection and Smart Alerts

Equipped with a smart infrared PIR motion detection sensor, the camera accurately identifies people, animals, and

moving objects, minimizing false alarms. Upon detection, the AI PIR sensor triggers real-time alerts and sends notifications to your phone. You can customize detection sensitivity and define specific alarm areas within the app.

Figure 4.2: The ANRAN G1 camera, capable of advanced motion detection.

4.4 Night Vision Capabilities

The ANRAN G1 provides clear surveillance day and night. It features 2K HD picture quality, 1.5 times clearer than 1080P. With a 3MP CMOS sensor and 4x digital zoom, it offers excellent IR night vision and 2K color night vision, enabled by four powerful spotlights, capturing detailed moments in low-light conditions.

Figure 4.3: Demonstrating 2K Color Night Vision and Infrared Night Vision.

5. MAINTENANCE

5.1 Battery and Solar Charging

The camera is equipped with a 9600mAh rechargeable battery and a 3W solar panel, providing up to 365 days of uninterrupted power with adequate sunlight. Ensure the solar panel is clean and free from obstructions to maximize charging efficiency. No manual recharging is typically needed under normal sunny conditions.

5.2 Weather Resistance

The ANRAN G1 has an IP66 weather-resistant rating, making it suitable for various outdoor weather conditions. Periodically check the camera and solar panel for any debris or dirt buildup and clean gently with a soft, damp cloth.

6. TROUBLESHOOTING

If you encounter issues with your ANRAN G1 camera, please refer to the following common troubleshooting steps:

- **No Connection/Offline:** Ensure the SIM card is correctly inserted and activated. Check the cellular signal strength in the camera's location. Verify the camera has sufficient battery power.
- **Poor Video Quality:** Ensure the camera lens is clean. Check for any obstructions in the camera's field of view. Verify adequate lighting for night vision.
- **Motion Detection Issues:** Adjust the detection sensitivity in the app. Ensure the alarm area is correctly configured.
- **Battery Draining Quickly:** Ensure the solar panel receives sufficient direct sunlight. Reduce the frequency of live view access or motion events if possible.

For more detailed troubleshooting or persistent issues, please contact ANRAN customer support.

7. SPECIFICATIONS

Feature	Detail
Model Name	G1
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Protocol	Cellular
Video Capture Resolution	2K (3MP)
Viewing Angle	360 Degrees (3550 Pan, 900 Tilt)
Night Vision Range	65 Feet
Special Feature	2-Way Audio, PIR Motion Sensor, Color Night Vision, IP66 Weatherproof
Battery Capacity	9600mAh
Solar Panel Wattage	3W
Included Components	1X ANRAN G1 PTZ Camera, SIM Card, SD Card
Product Dimensions	1 x 1 x 0.99 inches
Item Weight	2.48 pounds

8. WARRANTY AND SUPPORT

ANRAN offers a **2-year warranty** for the G1 camera. If you encounter any problems or require technical assistance,

please do not hesitate to contact our professional technical and after-sales team. We are committed to providing high-quality service and will respond to your inquiries within 24 hours on weekdays.

For support, please visit the official ANRAN website or refer to the contact information provided in your product packaging.