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## ANRAN G1

# ANRAN 3600 PTZ 3G/4G LTE Solar Security Camera User Manual

Model: G1



## INTRODUCTION

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This manual provides comprehensive instructions for the setup, operation, and maintenance of your ANRAN 3600 PTZ 3G/4G LTE Solar Security Camera. Designed for outdoor security, this camera operates independently of Wi-Fi, utilizing 3G/4G LTE cellular networks for remote access and monitoring. Its solar panel ensures continuous power, making it ideal for locations without traditional power or internet infrastructure. Please read this manual thoroughly before using the product to ensure proper installation and optimal performance.

## WHAT'S INCLUDED

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Verify that all components are present in the package:



**Image:** All components included in the ANRAN G1 Solar Security Camera package. This includes the main camera unit, a solar panel for continuous charging, a USB charging cable, a wall mounting bracket, screws and wall plugs for installation, a SIM card for cellular connectivity, and a 32GB SD card for local storage.

- ANRAN 3600 PTZ 3G/4G LTE Solar Security Camera (Model G1)
- Solar Panel (integrated or separate, based on image it's separate but connected)
- Mounting Bracket and Screws
- USB Charging Cable
- SIM Card (pre-installed or included)

- 32GB SD Card (pre-installed or included)
- User Manual (this document)

## SETUP AND INSTALLATION

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Follow these steps to set up your ANRAN G1 camera:

### 1. Initial Charging and SIM/SD Card Insertion

1. **Charge the Camera:** Before first use, fully charge the camera's internal batteries using the provided USB cable and a 5V power adapter (not included). This ensures the camera has sufficient power for initial setup and operation, especially if solar charging is not immediately optimal.
2. **Insert SIM Card:** Locate the SIM card slot on the camera. Insert the provided 3G/4G LTE SIM card. Ensure it is inserted correctly according to the diagram near the slot. The camera relies on this SIM card for cellular data connectivity, as it does not use Wi-Fi.
3. **Insert SD Card:** Locate the SD card slot. Insert the provided 32GB SD card for local video storage. This card will store recordings triggered by motion detection or manual recording.



**Image:** The ANRAN G1 camera unit, showcasing its PTZ capabilities, alongside the solar panel, a 32GB SD card, and a 4G SIM card, which are essential for its operation.

## 2. App Download and Account Registration

1. **Download the App:** Search for the "ANRAN" app (or specified app name in packaging) on your smartphone's app store (iOS App Store or Google Play Store).
2. **Register Account:** Open the app and follow the on-screen instructions to register a new account.
3. **Add Device:** In the app, select "Add Device" or a similar option. Scan the QR code located on the camera or its packaging to pair the camera with your account. Follow any further prompts to complete the pairing process.

## 3. Mounting the Camera

Choose a suitable outdoor location for mounting. Consider the following:

- **Optimal Solar Exposure:** Position the solar panel where it receives maximum direct sunlight throughout the day to ensure continuous battery charging.
  - **Coverage Area:** Ensure the camera's field of view covers the desired monitoring area. The 3600 PTZ (Pan-Tilt-Zoom) functionality allows for flexible adjustment after mounting.
  - **Cellular Signal:** Verify that the chosen location has adequate 3G/4G LTE cellular signal strength for reliable connectivity.
  - **Security:** Mount the camera at a height that deters tampering while still providing a clear view.
1. **Mark Drilling Points:** Use the mounting bracket as a template to mark the drilling points on the wall or surface.
  2. **Drill Holes:** Drill holes at the marked points. Insert wall plugs if mounting on masonry or concrete.
  3. **Secure Bracket:** Attach the mounting bracket to the surface using the provided screws.
  4. **Attach Camera:** Securely attach the camera unit to the mounting bracket. Ensure the solar panel is connected and positioned for optimal sunlight.

# 4G Camera, 100% Wireless



**Image:** The ANRAN 4G LTE camera mounted on a tree, illustrating its completely wireless operation powered by the attached solar panel. This setup is ideal for remote locations without access to power outlets or Wi-Fi networks.

## OPERATING THE CAMERA

Once installed and connected, you can control and monitor your camera via the ANRAN mobile application.

### Live View and PTZ Control

- Open the ANRAN app and select your camera from the device list.
- The app will display the live video feed from the camera.
- Use the on-screen controls to pan (rotate horizontally up to 3550), tilt (rotate vertically up to 900), and optically

zoom the camera's lens to adjust the viewing angle.

# 360° QHD Panoramic View



355°Pan &  
90°Tilt



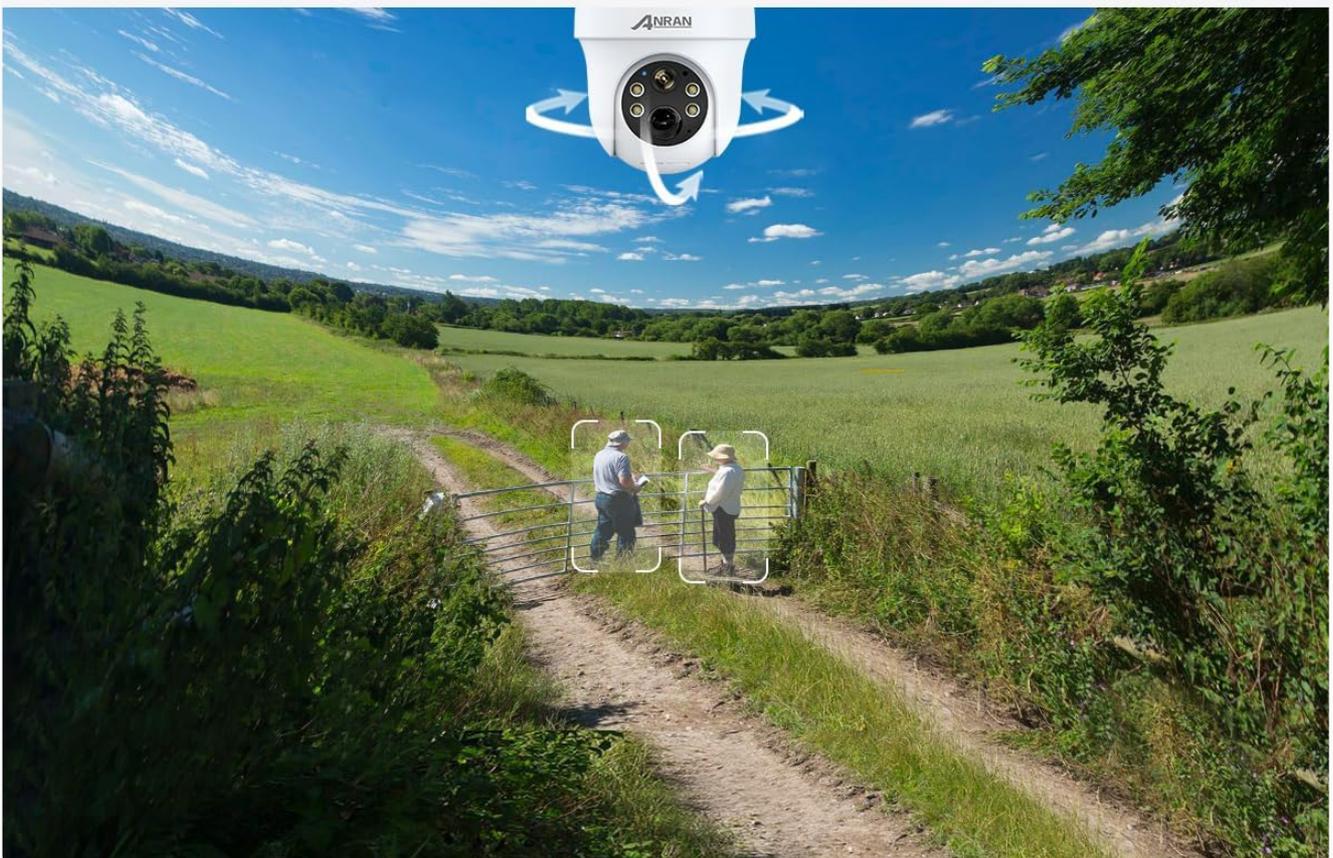
PIR



2-Way  
Audio



IP66  
Weatherproof



**Image:** This graphic highlights the ANRAN camera's 3600 QHD panoramic view, achieved through 3550 pan and 900 tilt functionality. It also features PIR motion detection, two-way audio communication, and an IP66 weatherproof rating, ensuring robust outdoor performance.

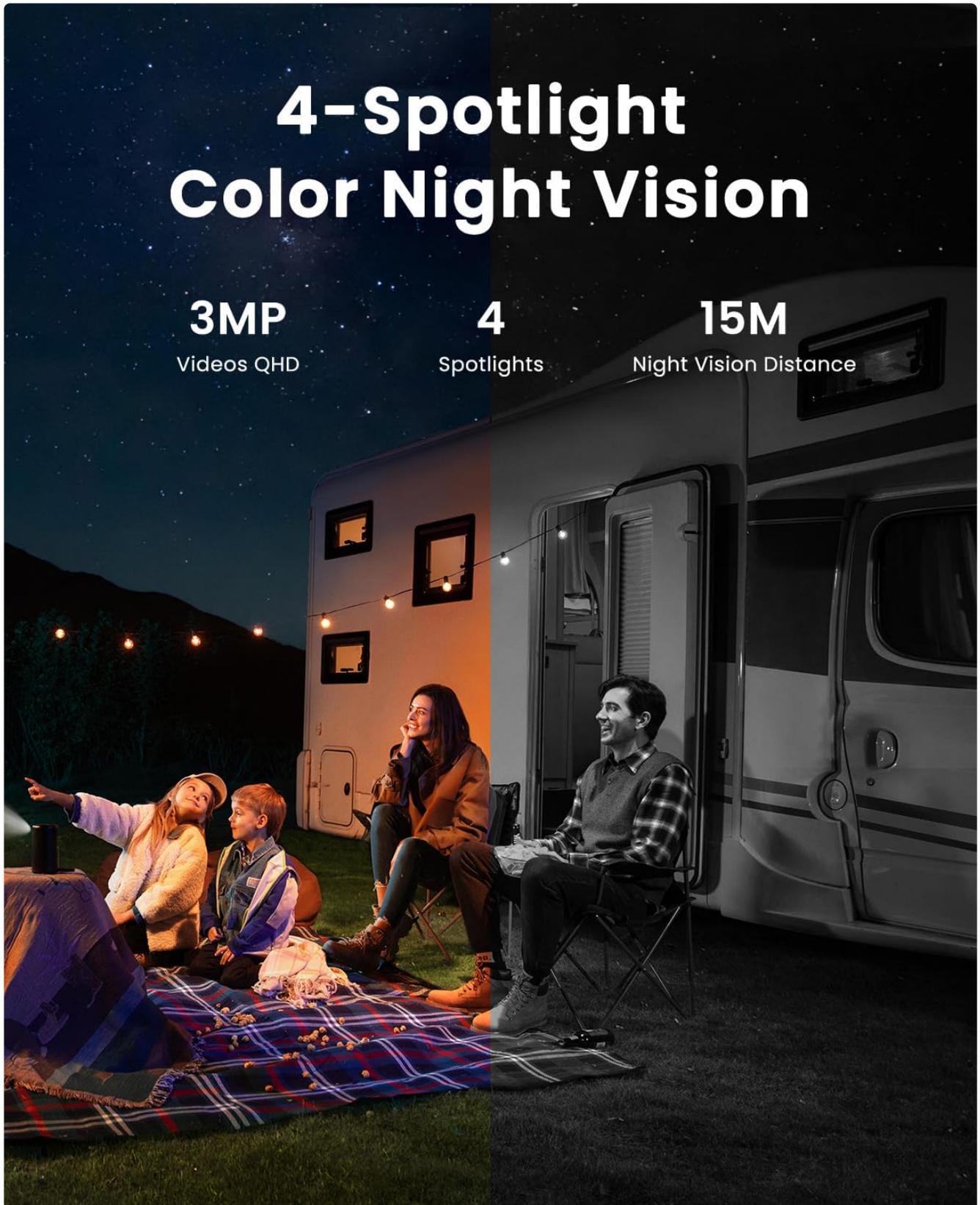
## Motion Detection and Alerts

- The camera features PIR (Passive Infrared) motion detection to identify human and animal movement.
- Configure motion detection sensitivity and alert settings within the app.
- When motion is detected, the camera will automatically record video to the SD card and send push notifications

to your smartphone.

## Color Night Vision

- The camera is equipped with 4 spotlights to provide full-color night vision up to 15 meters (approximately 49 feet).
- This feature activates automatically in low-light conditions, offering clear and detailed surveillance even at night.



# 4-Spotlight Color Night Vision

**3MP**  
Videos QHD

**4**  
Spotlights

**15M**  
Night Vision Distance

**Image:** This image demonstrates the effectiveness of the ANRAN camera's 4-spotlight color night vision, capable of providing clear, full-color video up to 15 meters in low-light conditions. The camera captures 3MP QHD videos, ensuring high-quality footage day and night.

## Two-Way Audio

- Utilize the built-in microphone and speaker for two-way communication.
- From the app, you can listen to audio from the camera's location and speak through the camera's speaker.

## Video Playback and Storage

- Recorded videos are stored on the 32GB SD card.
- Access and playback recorded footage directly from the ANRAN app.
- The camera supports loop recording, automatically overwriting the oldest footage when the SD card is full.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your camera.

- **Solar Panel Cleaning:** Periodically clean the surface of the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption for efficient charging.
- **Camera Lens Cleaning:** Gently wipe the camera lens with a microfiber cloth to remove smudges or dirt that might affect image clarity. Avoid abrasive materials.
- **Battery Health:** While the solar panel provides continuous charging, monitor the battery level via the app. If the camera is in a shaded area for extended periods, occasional manual charging via the USB port may be necessary.
- **SD Card Management:** Although the camera supports loop recording, it is recommended to periodically back up important footage and format the SD card through the app to maintain its performance.
- **Firmware Updates:** Check the ANRAN app regularly for firmware updates. Updates can improve performance, add new features, or fix bugs. Follow the app's instructions for any available updates.

## TROUBLESHOOTING

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If you encounter issues with your ANRAN G1 camera, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Camera is offline / No live view	<b>Check Cellular Signal:</b> Ensure the camera is in an area with strong 3G/4G LTE signal. <b>Check SIM Card:</b> Verify the SIM card is correctly inserted and has an active data plan. <b>Check Battery:</b> Ensure the camera battery is charged. Check solar panel for obstructions. <b>Restart Camera:</b> Power off and on the camera if possible.
Poor image quality	<b>Clean Lens:</b> Wipe the camera lens with a soft cloth. <b>Check Resolution Settings:</b> Ensure the app is set to display the highest resolution (3MP QHD). <b>Lighting Conditions:</b> Ensure adequate lighting for optimal daytime performance. For night vision, ensure spotlights are not obstructed.
Motion detection not working	<b>Check Settings:</b> Verify motion detection is enabled in the app and sensitivity is adjusted correctly. <b>PIR Range:</b> Ensure objects are within the PIR detection range. <b>Obstructions:</b> Clear any obstructions in front of the PIR sensor.

Problem	Possible Cause / Solution
SD card not recording / full	<p><b>Check SD Card:</b> Ensure the SD card is properly inserted and not damaged.</p> <p><b>Format SD Card:</b> Format the SD card via the app.</p> <p><b>Loop Recording:</b> Confirm loop recording is enabled if you want older footage to be overwritten.</p>

## SPECIFICATIONS

Feature	Detail
Model	G1
Resolution	3 MP (2K QHD)
Field of View	360 Degrees (Pan: 3550, Tilt: 900)
Zoom Type	Optical Zoom
Connectivity	3G/4G LTE Cellular (SIM card required, No Wi-Fi)
Power Source	Solar Powered, Battery Powered (2 Lithium Ion batteries included)
Battery Voltage	5 Volts
Wattage	10 watts
Night Vision	Color Night Vision (4 Spotlights, up to 15m)
Audio	2-Way Audio
Motion Detection	PIR Motion Detection
Storage	32GB SD Card (included), supports loop recording
Weatherproof Rating	IP66
Mounting Type	Wall Mount
Dimensions (L x W x H)	7.95 x 7.56 x 2.76 inches
Weight	2.44 pounds
Compatible Devices	Smartphone (Android, iOS)
Recommended Use	Outdoor Security

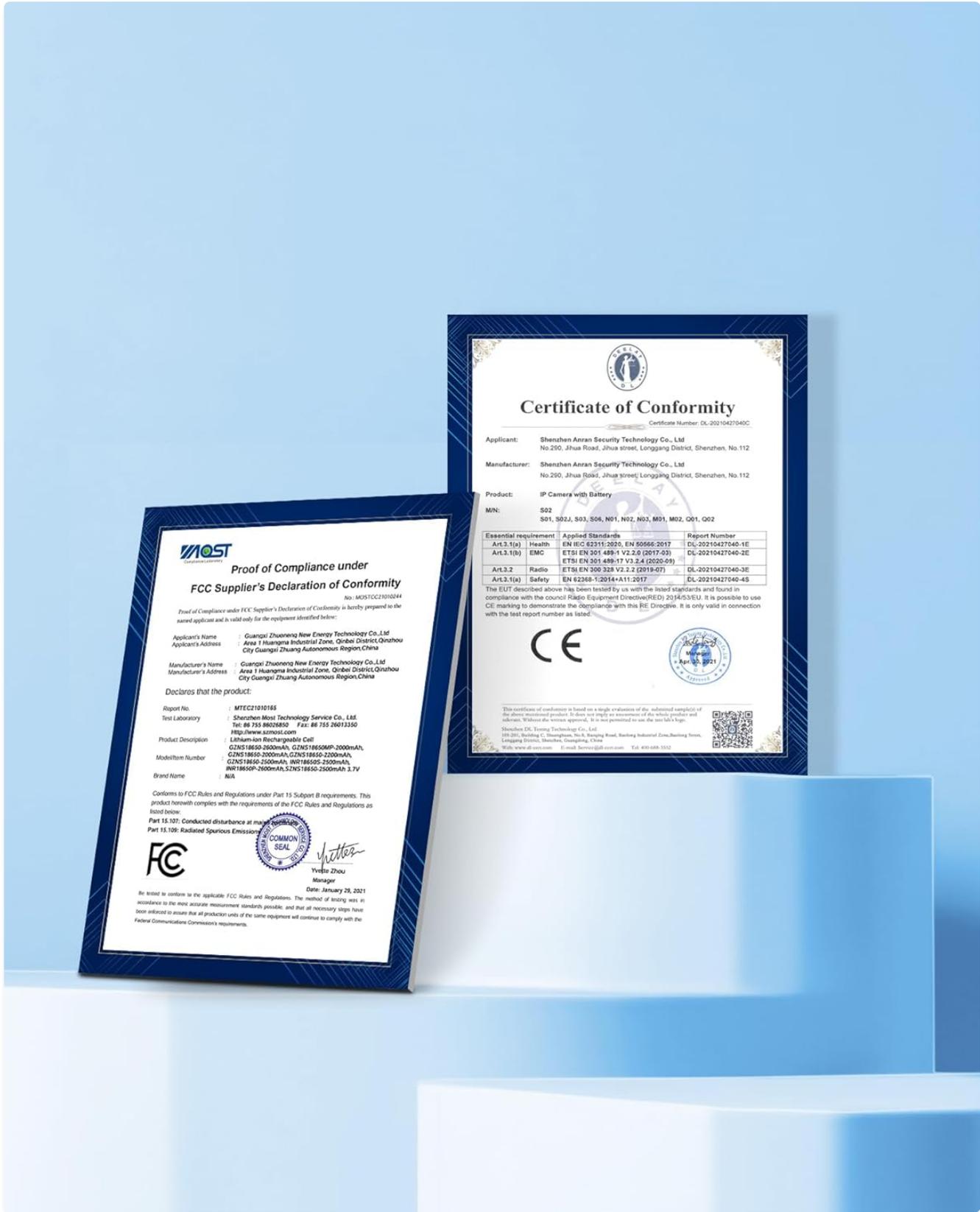
*Note: Specifications are subject to change without prior notice.*

## WARRANTY AND SUPPORT

ANRAN products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official ANRAN website. Keep your purchase receipt as proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or any inquiries regarding your ANRAN G1 camera, please

contact ANRAN customer service through the contact information provided on their official website or within the ANRAN mobile application.



**Image:** Documents displaying the FCC Declaration of Conformity and CE Certificate of Conformity, indicating that the ANRAN camera meets relevant regulatory standards for safety and electromagnetic compatibility.

This manual is for informational purposes only. ANRAN assumes no responsibility for any errors or omissions that may appear in this document.