

Armorcope CQ1S

Armorcope 4G LTE Cellular Security Camera User Manual

Model: CQ1S | Brand: Armorcope

1. INTRODUCTION

Thank you for choosing the Armorcope 4G LTE Cellular Security Camera. This camera is designed for outdoor surveillance in locations without Wi-Fi or consistent electrical power, offering robust features like 2.5K resolution, 360° live view, and solar power. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance.

Key Features:

- **4G LTE Connectivity:** Operates independently of Wi-Fi, ideal for remote areas.
- **Solar Powered:** Equipped with a 5W solar panel and 13500mAh rechargeable battery for continuous operation.
- **2.5K Resolution & Color Night Vision:** Provides clear, sharp video day and night.
- **360° Panoramic View:** Offers 355° horizontal pan and 110° vertical tilt for comprehensive coverage.
- **Motion Detection & Two-Way Talk:** Instant alerts and real-time communication.
- **IP65 Weather-Resistant:** Designed to withstand various outdoor conditions.



Figure 1: Armorcope 4G LTE Cellular Security Camera with Solar Panel

2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- Armorcope 4G LTE Cellular Security Camera
- Solar Panel (integrated or separate, depending on model)
- Mounting Bracket
- Mounting Screws and Wall Anchors
- USB Charging Cable
- Quick Start Guide
- SIM Card (pre-installed or included)

3. SETUP GUIDE

3.1. SIM Card Installation

The camera requires a 4G LTE SIM card for cellular connectivity. A trial SIM card is typically included.

1. Locate the SIM card slot on the camera. This is usually protected by a rubber cover.
2. Carefully insert the Nano SIM card into the slot with the chip facing downwards, ensuring it clicks into place.
3. Close the rubber cover firmly to maintain weather resistance.



Figure 2: SIM Card Insertion

3.2. Solar Panel Connection & Initial Charge

The camera is powered by a solar panel and an internal battery.

1. Connect the solar panel cable to the charging port on the camera.
2. For first-time use, it is recommended to fully charge the camera's internal battery using the provided USB cable and a 5V/2A power adapter (not included) for approximately 8-10 hours.
3. Ensure the solar panel is positioned in an area that receives maximum direct sunlight throughout the day for optimal charging.

360-Degree Panoramic Field of View Coverage

Plug and Play, User Friendly



Figure 3: Solar Panel Connection

3.3. App Installation and Pairing

The camera is controlled via a mobile application (e.g., Yoosee App).

1. Download the recommended app (e.g., "Yoosee" or "Vicohome") from your smartphone's app store (Google Play Store for Android, Apple App Store for iOS).
2. Register for an account and log in.
3. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or manually entering its device ID.
4. Once paired, the camera's status indicator light will turn solid green, and you will see the live feed in the app.

4. OPERATING INSTRUCTIONS

4.1. Live View and PTZ Control

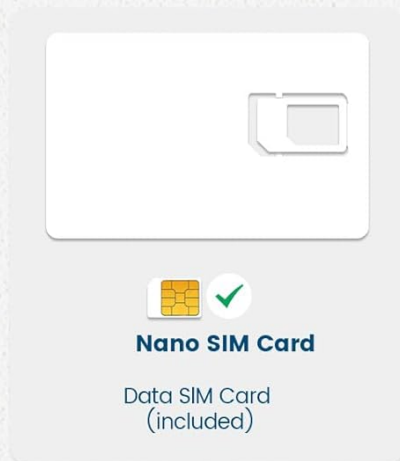
Access the live video feed and control the camera's movement through the app.

- Open the app and select your camera from the device list.
- The live video stream will appear.
- Use the on-screen joystick or directional arrows to pan (355° horizontal) and tilt (110° vertical) the camera for a full 360° view.

Cellular Data Plan

more convenient, more stable signal

Unlimited-30day	Unlimited-180day	Unlimited-360day	Unlimited-720day
\$19.99	\$99.99	\$189.99	\$299.99



Please Insert the chip in the downward direction and make it fully sink into the SiM card slot (it will have a slight clicking sound). Then the green indicator is continuing flashing, and you can add the camera.

**PS: Subscribe to a "Data Plan" within the "Yoosee" APP*



Figure 4: Live View and PTZ Control

4.2. Motion Detection and Alerts

The camera uses a PIR motion sensor to detect movement and send alerts.

- In the app settings, navigate to 'Motion Detection' or 'Alarm Settings'.
- Enable motion detection and adjust the sensitivity level (Low, Medium, High) as needed.
- You can set up notification preferences to receive push alerts on your mobile phone when motion is detected.
- Recorded events can be reviewed in the app's playback section.

4.3. Night Vision

The camera supports both infrared (IR) and color night vision.

- **Infrared Night Vision:** Automatically activates in low-light conditions, providing clear black and white images.
- **Color Night Vision:** Can be enabled in the app by activating the camera's spotlight, providing full-color images even in darkness.

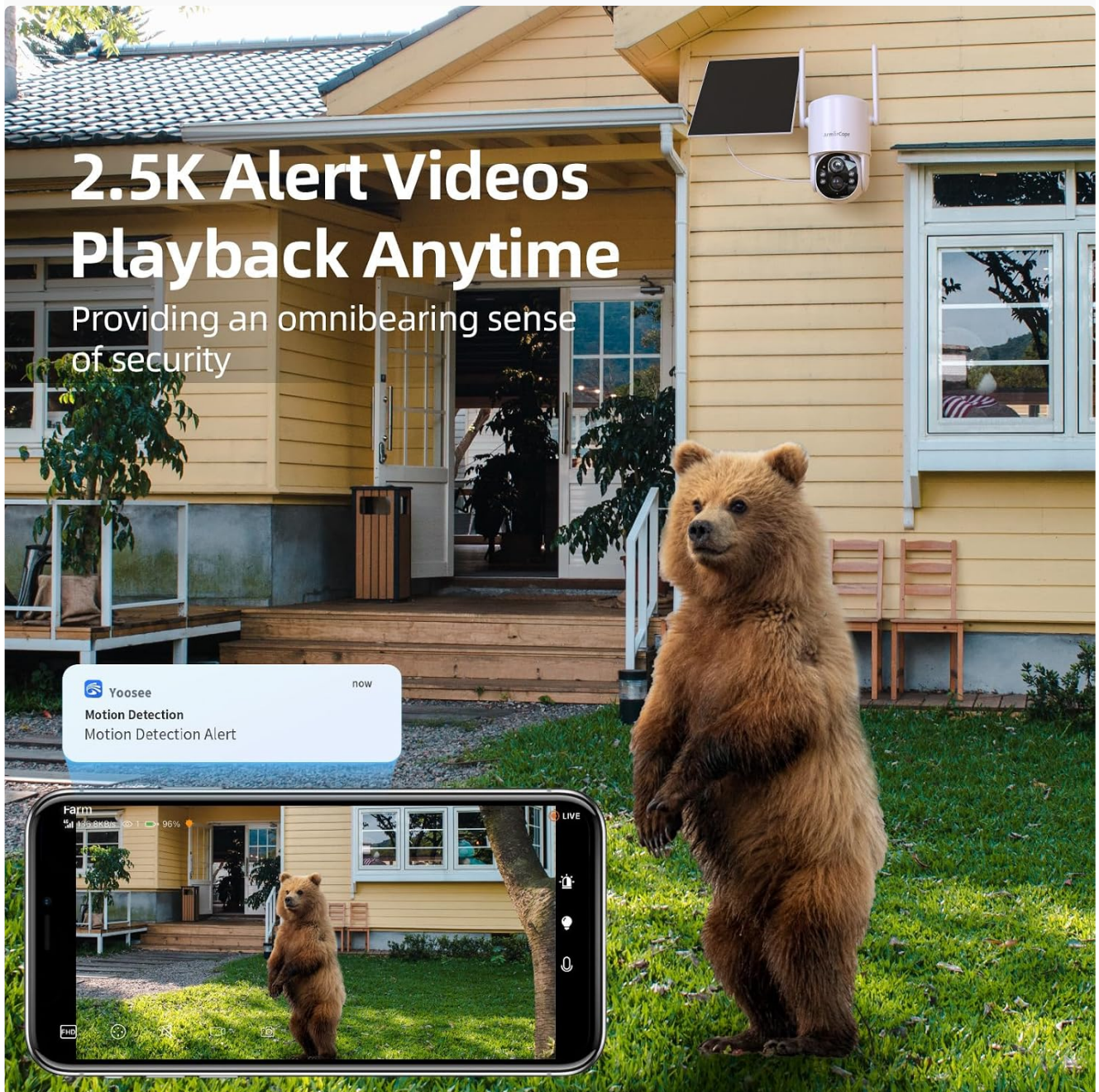


Figure 5: Color Night Vision in action

4.4. Two-Way Audio

Communicate with visitors or deter intruders using the built-in microphone and speaker.

- While in live view, tap the microphone icon in the app to speak through the camera.
- Tap the speaker icon to hear audio from the camera's surroundings.

4.5. Storage Options

The camera supports both local and cloud storage.

- **SD Card Storage:** Insert a microSD card (up to 256GB, not included) into the designated slot for local recording.

- **Cloud Storage:** A lifetime free 7-day rolling cloud storage (for single events up to 8 seconds) is often included with data plan subscriptions. Longer cloud storage plans may be available through the app.

4.6. Cellular Data Plans

To maintain continuous cellular connectivity, you will need an active data plan. The included SIM card typically comes with trial data, after which plans can be renewed via the app.

- Data plans are available for various durations (e.g., 15 days, monthly, annually) and data allowances.
- Check the app for current pricing and plan options.

5. MAINTENANCE

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

- **Cleaning:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, or debris. Avoid abrasive cleaners.
- **Solar Panel Efficiency:** Ensure the solar panel remains free from obstructions (e.g., leaves, snow) that could block sunlight and reduce charging efficiency.
- **Firmware Updates:** Check the app regularly for available firmware updates. Keeping the firmware updated ensures the camera has the latest features and security enhancements.
- **Environmental Protection:** While IP65 rated, avoid submerging the camera in water or exposing it to extreme temperatures beyond its operating range (-10°C to 45°C / 14°F to 113°F).

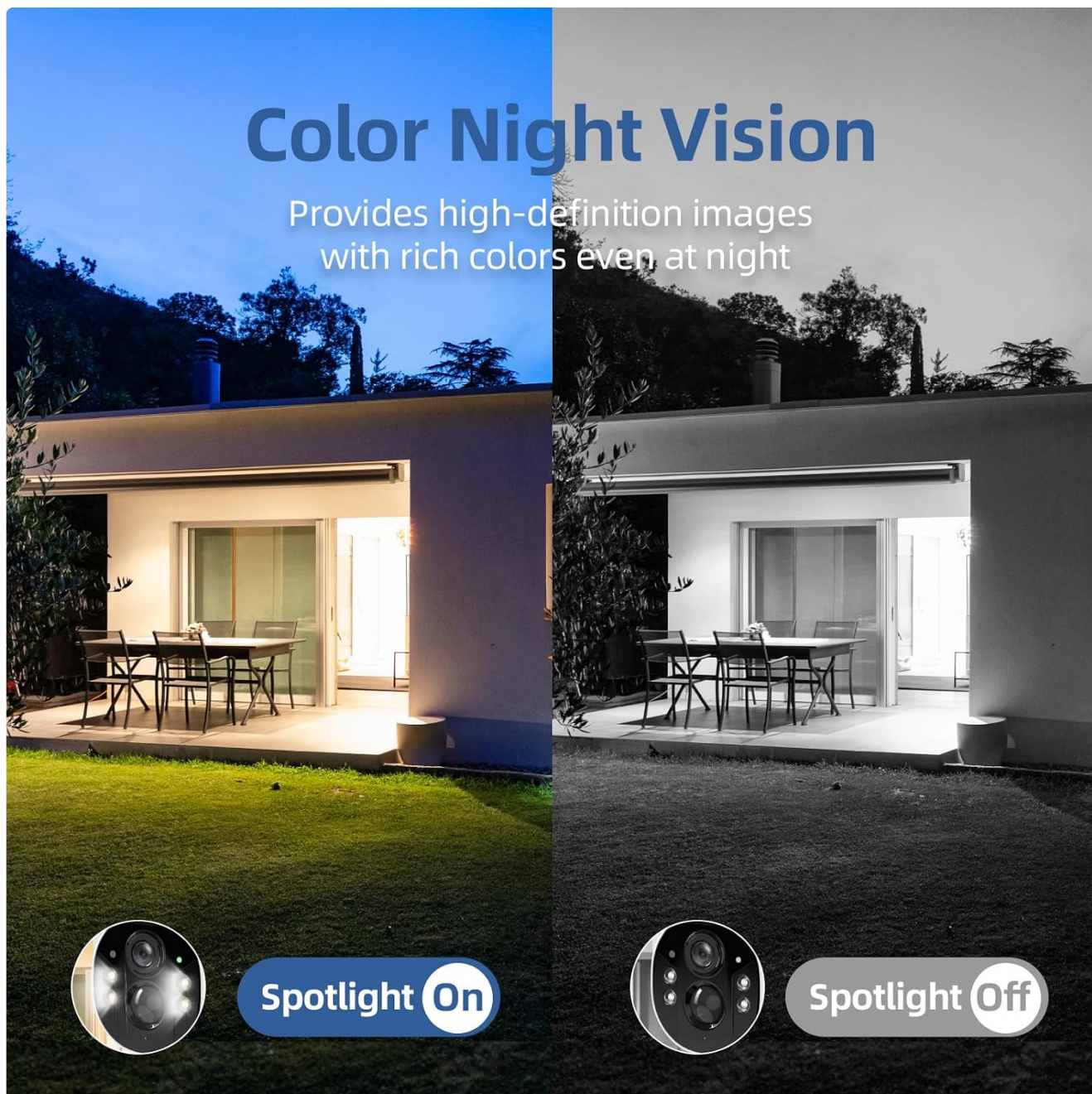


Figure 6: IP65 Weather Resistance

6. TROUBLESHOOTING

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

Problem	Possible Solution
Camera not powering on.	Ensure the battery is charged. Connect the camera to a power adapter via USB for initial charging. Verify solar panel connection and sunlight exposure.
No live view in the app.	Check SIM card insertion and ensure it has an active data plan. Verify cellular signal strength in the camera's location. Restart the camera and the app.
Motion alerts not received.	Ensure motion detection is enabled in the app settings and sensitivity is adjusted. Check app notification permissions on your phone.
Poor video quality.	Clean the camera lens. Ensure adequate lighting for optimal image quality, especially at night. Check cellular signal strength.

Problem	Possible Solution
Two-way audio not working.	Ensure microphone and speaker permissions are granted to the app on your phone. Check volume settings in the app and on your phone.
Camera frequently disconnects.	Relocate the camera to an area with stronger 4G LTE signal. Ensure the solar panel is providing sufficient power.

7. SPECIFICATIONS

Feature	Detail
Model Name	CQ1S-W
Connectivity Technology	Wireless (4G LTE)
Power Source	Solar Powered (5W Solar Panel, 13500mAh Battery)
Video Capture Resolution	2.5K (2560x1440)
Pan/Tilt Range	355° Horizontal, 110° Vertical
Night Vision	Color Night Vision, Infrared Night Vision
Storage Options	MicroSD Card (up to 256GB), Cloud Storage
Weather Resistance	IP65
Operating Temperature	14°F to 113°F (-10°C to 45°C)
Dimensions	7 x 5 x 8 inches
Weight	2.64 pounds
Included Components	Camera, SIM Card (trial), Mounting Accessories

8. WARRANTY AND SUPPORT

Armorcope products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official Armorcope website. If you require technical assistance, have questions about product features, or need to report an issue, please contact Armorcope customer support through the contact information provided on the product packaging or the official website. Please retain your proof of purchase for warranty claims.