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> Armorcope Set of 2 Wireless 2K HD Solar Security Cameras, 360° PTZ View for Home Security, Color Night Vision with Spotlight, Two-Way Audio, Motion Alarm

Armorcope CQ1S

Armorcope Wireless 2K HD Solar Security Camera User Manual

Model: CQ1S
Brand: Armorcope

1. PRODUCT OVERVIEW

The Armorcope CQ1S is a wireless 2K HD solar-powered security camera designed for outdoor surveillance. This camera system offers a 360° PTZ (Pan-Tilt-Zoom) view, color night vision with an integrated spotlight, two-way audio communication, and advanced motion detection capabilities. Its solar power feature ensures continuous operation without the need for constant recharging or wired power connections, making it ideal for various outdoor environments.



Figure 1.1: Armorcope CQ1S Solar Security Cameras (Set of 2)

This image displays two Armorcope CQ1S cameras, each equipped with a solar panel for continuous power. The cameras are designed for outdoor installation, providing comprehensive surveillance.

2. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and in good condition. The standard package for the Armorcope CQ1S (Lot de 2) includes:

- 2 x Armorcope CQ1S Wireless 2K HD Solar Security Cameras
- 2 x Solar Panels (integrated or separate, depending on model variant)
- 2 x Mounting Brackets and Screws
- 1 x USB Charging Cable (for initial charge, if needed)
- 1 x User Manual (this document)
- 1 x Quick Start Guide

Note: An SD card for local storage is not included and must be purchased separately if desired.

3. SETUP AND INSTALLATION

3.1 Initial Charging (Optional)

While the camera is solar-powered, it is recommended to fully charge the internal battery using the provided USB cable before the first use, especially if installing in an area with limited initial sunlight.

3.2 App Installation and Account Creation

The Armorcope CQ1S camera operates with the **Vicohome** application. Download the Vicohome app from your smartphone's app store (iOS App Store or Google Play Store). Follow the on-screen instructions to create an account and log in.

3.3 Camera Pairing and Wi-Fi Connection

1. Open the Vicohome app and tap "Add Device" or the "+" icon.
2. Select the Armorcope CQ1S camera model from the list.
3. Power on the camera. The camera will enter pairing mode (indicated by a specific LED light pattern or voice prompt).
4. Connect your smartphone to a **2.4 GHz Wi-Fi network**. *Note: 5G Wi-Fi networks are not supported.*
5. Follow the app's instructions to scan the QR code displayed on your phone with the camera lens, or enter your Wi-Fi credentials manually.
6. Once connected, the camera will confirm successful pairing.

3.4 Physical Installation

Choose a suitable outdoor location for installation, ensuring the solar panel receives adequate direct sunlight throughout the day. The camera is designed for wall mounting.

- Mark the drilling points using the mounting bracket as a template.
- Drill holes and insert wall anchors if necessary.
- Secure the mounting bracket to the wall using the provided screws.
- Attach the camera to the mounting bracket.
- Adjust the angle of the solar panel to maximize sun exposure.

Solar Wireless Charging



Figure 3.1: Solar Wireless Charging Setup

This image illustrates the camera mounted on a wall, with its solar panel connected and positioned to efficiently capture sunlight for continuous wireless charging.

4. OPERATING INSTRUCTIONS

4.1 Live View and PTZ Control

Access the live video feed through the Vicohome app. The camera features a 355° horizontal pan and 100° vertical tilt range, allowing for comprehensive area coverage. Use the directional controls within the app to adjust the camera's viewing angle.



Figure 4.1: All-Round Full View (PTZ)

This image demonstrates the camera's extensive pan and tilt capabilities, providing a wide, comprehensive view of the monitored area, controllable via the mobile application.

4.2 2K HD Resolution and Color Night Vision

The camera records in Full HD 2K resolution, providing clear and detailed video footage during both day and night. The advanced color night vision technology, enhanced by the integrated spotlight, ensures vivid and accurate colors even in low-light conditions.

4.3 PIR Motion Detection and Alarm

Equipped with PIR (Passive Infrared) sensors, the camera accurately detects human motion, minimizing false alarms from insects or swaying branches. When motion is detected, you will receive instant notifications on your smartphone. The camera can also activate a sound-light alarm to deter intruders.

Support Cloud Storage and Local SD Card



Cloud Storage
Free 3 Days Mode



SD Card
Up to 128GB



Figure 4.2: Motion Detection and Sound-Light Alarm

This image illustrates the camera's motion detection feature, showing how it identifies human presence and triggers an alert, along with the option for a sound and light alarm.

4.4 Two-Way Audio

The built-in microphone and speaker enable two-way communication. You can listen to what's happening around the camera and speak through the camera to communicate with visitors or deter unwanted individuals, directly from your smartphone.

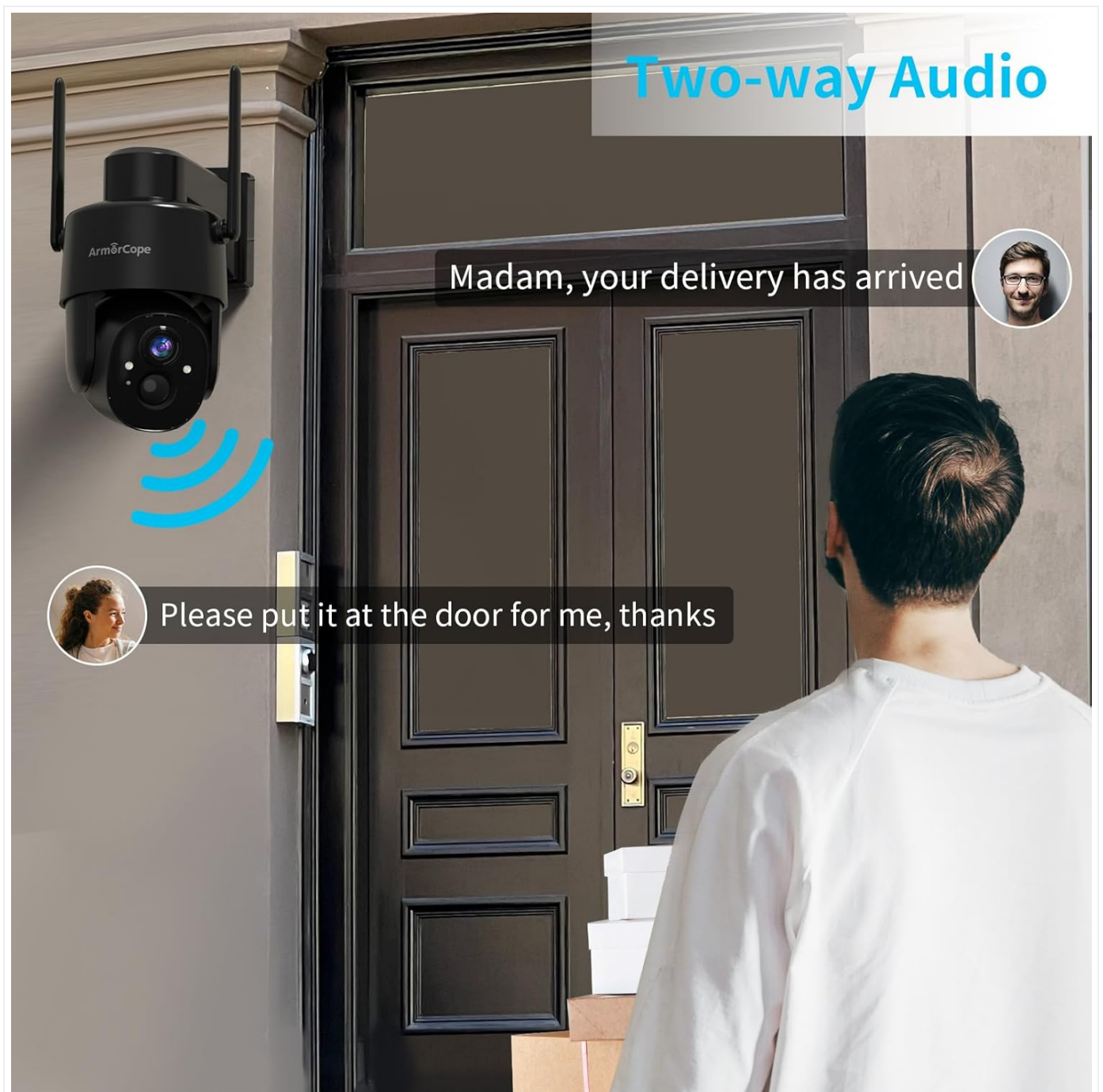


Figure 4.3: Two-Way Audio Communication

This image demonstrates the two-way audio functionality, allowing users to communicate remotely with individuals near the camera, such as delivery personnel.

4.5 Video Storage Options

The Armorcope CQ1S offers flexible storage solutions for recorded events:

- **Local SD Card Storage:** Supports up to a 128GB Micro SD card (not included). Insert the SD card into the designated slot on the camera.
- **Cloud Storage:** A free 3-day cloud storage plan for event videos is available. Paid subscription plans for extended cloud storage are also offered through the Vicohome app.



Figure 4.4: Cloud and Local SD Card Storage

This image highlights the camera's dual storage capabilities, supporting both cloud-based recording and local storage via a Micro SD card for event footage.

5. MAINTENANCE

5.1 Weather Resistance

The Armorcope CQ1S camera has an IP65 waterproof rating, making it resistant to dust and water jets. It is designed to operate reliably in various weather conditions, including rain and snow, within a temperature range of -15.6 °C to 55 °C (4 °F to 131 °F).



Figure 5.1: IP65 Weather Resistant Design

This image illustrates the camera's robust IP65 weather-resistant construction, ensuring reliable operation in diverse environmental conditions such as rain, snow, and dust.

5.2 Solar Panel Cleaning

To ensure optimal charging efficiency, periodically clean the surface of the solar panel to remove any dust, dirt, or debris that may accumulate. Use a soft, damp cloth for cleaning.

5.3 Battery Life

The camera is powered by a rechargeable Lithium-ion battery (included). With sufficient sunlight exposure, the solar panel continuously charges the battery, allowing for uninterrupted operation. In periods of low sunlight, the battery will sustain camera function.

6. TROUBLESHOOTING

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4 GHz. Check Wi-Fi signal strength at the

camera's location. Restart your router and the camera.

- **No motion detection alerts:** Verify that motion detection is enabled in the Vicohome app settings. Adjust PIR sensitivity if necessary. Ensure there are no obstructions blocking the sensor.
- **Poor video quality:** Check your Wi-Fi connection stability. Ensure the camera lens is clean and free from smudges or dirt.
- **Battery not charging:** Ensure the solar panel is clean and receiving direct sunlight for several hours daily. Check the connection between the solar panel and the camera.
- **Two-way audio issues:** Check microphone and speaker permissions for the Vicohome app on your smartphone. Ensure volume levels are adequate.

7. SPECIFICATIONS

Feature	Specification
Model Number	CQ1S
Brand	Armorcope
Color	Black (Lot de 2)
Number of Items	2
Wireless Communication Technology	Wi-Fi (2.4 GHz only)
Form Factor	Dome
Viewing Angle	360 Degrees (PTZ: 355° Horizontal, 100° Vertical)
Installation Type	Wall Mount
Power Source	Solar Powered / Battery Powered (6 Watts)
Item Dimensions (L x W x H)	10.16 x 10.16 x 15.24 cm (4 x 4 x 6 inches)
Item Weight	1.78 kilograms (3.92 lbs)
Battery	1 Lithium-ion (included)
Special Features	Waterproof (IP65), Color Night Vision, Two-Way Audio, Motion Detection, Spotlight
Compatible Devices	Alexa, Android
Video Recording Resolution	2K
Recommended Uses	Outdoor Security, Indoor Security

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your product packaging or visit the official Armorcope website. While specific spare parts availability information is not provided, general product support can be obtained through the manufacturer's customer service channels.

For app-related issues, please contact Vicohome app support directly.



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