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VicoSafe CQ1

VicoHome CQ1 Solar Security Camera User Manual

Model: CQ1

INTRODUCTION

The VicoHome CQ1 Solar Security Camera is a versatile, wireless, and smart surveillance solution designed for both indoor and outdoor use. Featuring 2K HD video, advanced AI motion detection, and solar-powered efficiency, it provides continuous monitoring and enhanced security for your home or property. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your VicoHome CQ1 camera.



Figure 1: The VicoHome CQ1 Solar Security Camera with its accompanying solar panel, designed for outdoor use.

WHAT'S IN THE BOX

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

- 1 × VicoHome CQ1 Solar Wireless Security Camera
- 1 × 3W Solar Panel with Charging Cable
- 1 × Mounting Bracket & Screws
- 1 × Type-C USB Charging Cable
- 1 × Stand
- 1 × Quick Start Guide (not explicitly listed but implied for setup)

SETUP

The VicoHome CQ1 camera is 100% wire-free, making installation quick and easy.

1. Initial Charging & Solar Panel Placement

Before first use, it is recommended to fully charge the camera's built-in battery using the provided Type-C USB cable. For continuous power, mount the solar panel in a location that receives at least 2 hours of direct sunlight daily. This ensures the camera operates 365 days a year without manual recharging.



Figure 2: The solar panel provides continuous power to the camera, eliminating the need for frequent manual charging.

2. Mounting the Camera

1. Choose a suitable mounting location for the camera and solar panel. Ensure the camera has a clear view of the area you wish to monitor.
2. Use the provided mounting bracket and screws to securely attach the camera and solar panel to a wall or desired surface.
3. Connect the solar panel's charging cable to the camera.



Figure 3: Proper mounting of the camera and solar panel for optimal performance.

3. App Download and Wi-Fi Connection

1. Download the **VicoHome App** from your smartphone's app store (iOS or Android).
2. Open the app and follow the on-screen instructions to create an account and add your new camera.
3. Ensure your smartphone is connected to a **2.4GHz Wi-Fi network**. The VicoHome CQ1 camera only supports

2.4GHz Wi-Fi and is not compatible with 5GHz networks.

4. Follow the app's prompts to connect the camera to your home Wi-Fi network.

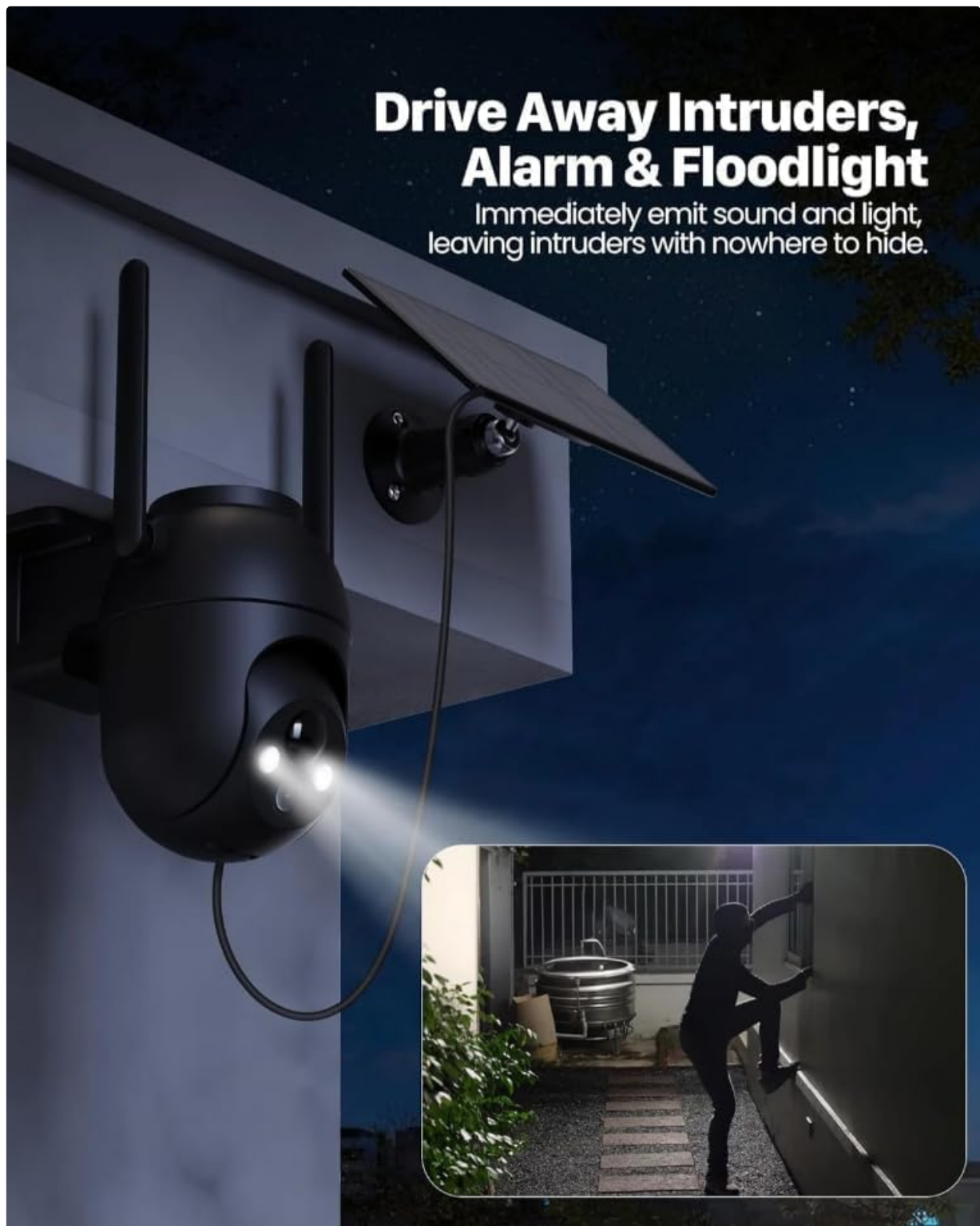
Important Note: If using a Micro SD card for local storage, please format the TF card on a computer first before inserting it into the camera.

OPERATING THE CAMERA

The VicoHome App provides full control and monitoring capabilities for your CQ1 camera.

1. Real-time Monitoring and PTZ Control

- Open the VicoHome App to view live 2K HD video from your camera.
- Utilize the Pan-Tilt-Zoom (PTZ) controls within the app to remotely adjust the camera's viewing angle. The camera can rotate 350° horizontally and 115° vertically, providing 360° coverage.



Drive Away Intruders, Alarm & Floodlight

Immediately emit sound and light,
leaving intruders with nowhere to hide.

Figure 4: Remote PTZ control allows you to monitor every corner of your property.

2. AI Motion Detection and Alerts

- The camera features an upgraded PIR infrared sensor with AI-powered detection, designed to identify people and reduce false alarms from non-human movements.
- Receive instant motion alerts and push notifications on your smartphone when activity is detected.
- Customize security zones and scheduling options within the app to tailor detection to your needs.



Figure 5: Instant alerts keep you informed of detected motion events.

3. Two-Way Audio and Alarm Features

- The built-in speaker and microphone enable two-way audio communication. You can speak to visitors or warn trespassers directly through the app.
- When motion is detected, the camera can activate a loud alarm sound and flashing light to deter intruders. This feature can be configured in the app.

Tell You What's Happening

Pick up the motion and push alerts to you.



Figure 6: Engage in two-way communication with individuals near the camera.



Figure 7: The camera's alarm and floodlight features can deter unwanted visitors.

4. Night Vision

Equipped with infrared LEDs, the camera provides clear night vision up to 65ft, ensuring surveillance even in low-light or no-light conditions.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your VicoHome CQ1 camera.

1. Cleaning

- Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, or debris. Avoid

abrasive cleaners.

- Ensure the solar panel is free from obstructions (e.g., leaves, snow) that could block sunlight.

2. Battery Care

- The camera's battery is designed to be continuously charged by the solar panel. Ensure the solar panel receives adequate sunlight.
- If the camera is used in an area with limited sunlight, occasional manual charging via the USB cable may be necessary.

3. Weather Resistance

The VicoHome CQ1 camera is IP65 waterproof, meaning it is protected against dust and low-pressure water jets. While designed for outdoor use, extreme weather conditions may still impact performance or require additional protection.



Figure 8: The IP65 rating ensures the camera's durability against various weather conditions.

TROUBLESHOOTING

If you encounter issues with your VicoHome CQ1 camera, refer to the following common problems and solutions:

- **Camera Not Powering On/Low Battery:**
 - Ensure the solar panel is clean and receiving direct sunlight.
 - Connect the camera to the USB charging cable for a few hours to fully charge the internal battery.

- **Cannot Connect to Wi-Fi:**

- Verify your Wi-Fi network is 2.4GHz. The camera does not support 5GHz Wi-Fi.
- Ensure the camera is within range of your Wi-Fi router.
- Restart your router and the camera.
- Double-check the Wi-Fi password entered in the VicoHome App.

- **Frequent False Alarms:**

- Adjust the motion detection sensitivity settings in the VicoHome App.
- Configure specific detection zones to exclude areas with frequent non-human movement (e.g., trees swaying).
- Ensure the PIR sensor is clean and unobstructed.

- **Poor Video Quality:**

- Check your Wi-Fi signal strength at the camera's location. A weak signal can affect streaming quality.
- Clean the camera lens.
- Ensure there are no obstructions in the camera's field of view.

- **Two-Way Audio Not Working:**

- Ensure the microphone and speaker permissions are enabled for the VicoHome App on your smartphone.
- Check the volume settings on your phone and within the app.

- **SD Card Not Recording:**

- Ensure the Micro SD card is correctly inserted.
- Format the SD card on a computer before inserting it into the camera.
- Check the recording settings in the VicoHome App.

For further assistance, please refer to the VicoHome App's help section or contact customer support.

SPECIFICATIONS

Feature	Detail
Model Name	Wireless Camera CQ1 - Solar panel
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Battery Powered (1 Lithium Polymer battery included)
Connectivity Protocol	Wi-Fi (2.4GHz only)
Controller Type	VicoHome App
Mounting Type	Wall Mount
Video Capture Resolution	1296p (2K FHD)
Color	White
Included Components	Security camera*1, 3W Solar Panel*1, Mounting Screw*1, Stand*1, Type-C USB Cable*1
Material	Plastic

Feature	Detail
Voltage	5 Volts (DC)
Product Dimensions (L x W x H)	3.15 x 1.57 x 4.33 inches
Item Weight	1.87 pounds (850 Grams)
Flash Memory Type	Micro SDHC (up to 128 GB)
Field Of View	110 Degrees
Low Light Technology	Night Color
Alert Type	Motion Only (AI-powered)
Video Capture Format	MP4
Special Features	2-Way Audio, HD Resolution, IP65 Waterproof, Night Vision, PTZ 360° Coverage

WARRANTY AND SUPPORT

VicoSafe products are designed for reliability and performance. For specific warranty details, please refer to the documentation included with your purchase or contact VicoSafe customer support directly.

Customer Support

If you have any questions, require technical assistance, or encounter issues not covered in this manual, please:

- Consult the help section within the VicoHome App for FAQs and troubleshooting guides.
- Contact VicoSafe customer service through the contact information provided on the product packaging or the official VicoSafe website.