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> [G-Homa 2K Wireless Outdoor WiFi Battery Surveillance Camera User Manual](#)

G-Homa Batterie

G-Homa 2K Wireless Outdoor WiFi Battery Surveillance Camera User Manual

Model: Batterie (OBC1003P)

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your G-Homa 2K Wireless Outdoor WiFi Battery Surveillance Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This camera is designed to provide reliable security monitoring for both outdoor and indoor environments.

2. PRODUCT OVERVIEW

2.1 Components Included

The package contains the following items:

- Security Camera
- USB Charging Cable
- Mounting Bracket
- 4 Mounting Kits (screws and wall plugs)
- User Manual

Note: An SD card (up to 128GB) and solar panel are not included and must be purchased separately if desired.

2.2 Key Features

- **2K FHD Resolution & 110° Wide Angle Lens:** Enhanced video quality with 2K HD resolution and a 110° wide-angle view for comprehensive coverage.
- **Color Night Vision:** Dual light source for clear color night vision up to 65 feet (20 meters) in darkness.
- **100% Wireless & Rechargeable Battery:** Equipped with a 5200 mAh battery, offering up to 6 months of use (based on 20 daily 10-second recordings). Compatible with solar power for extended operation.
- **Two-Way Audio:** Allows for real-time communication with visitors via the mobile application.
- **PIR Motion Detection & Real-time Alerts:** Optimized PIR sensor detects human movement, sending instant video

notifications to your phone.

- **Smart AI Detection:** Advanced AI recognition for detecting people, vehicles, packages, and pets, reducing false alarms. Customizable detection zones.
- **Local & Cloud Storage:** Supports up to 128GB SD card storage (not included) and offers free cloud storage for 3 days.
- **IP65 Weatherproof:** Designed to withstand various weather conditions, including heavy rain, strong sun, and snow.
- **Remote Siren:** Ability to remotely activate a siren via the app to deter suspicious individuals.

2.3 Camera Components Diagram

Refer to the diagram below for an identification of the camera's main components.

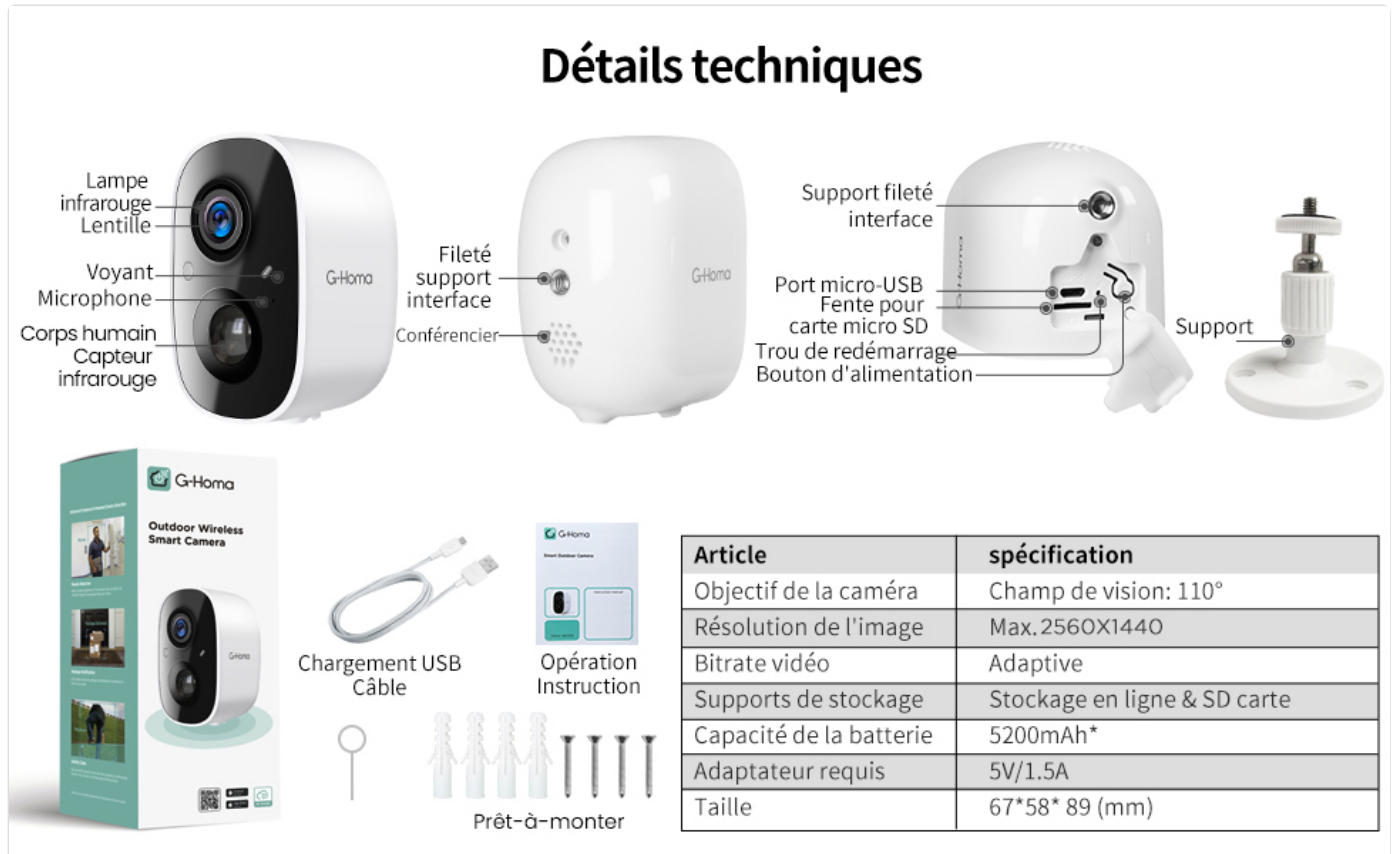


Figure 2.3.1: G-Homa Camera Component Diagram

This diagram illustrates the various parts of the G-Homa camera, including the lens, infrared lamp, microphone, speaker, and ports for charging and SD card insertion. The mounting support is also shown.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the camera using the provided USB charging cable. Connect the cable to the Micro-USB port on the camera and a standard 5V/1.5A USB power adapter (not included). The indicator light will show charging status.

3.2 App Download and Account Creation

Download the "Vicohome" application from your smartphone's app store (Google Play Store for Android or Apple App Store for iOS). Once installed, open the app and follow the on-screen instructions to create an account and log in.

3.3 Camera Pairing

1. Ensure your camera is fully charged and powered on.
2. In the Vicohome app, tap the "+" icon to add a new device.
3. Select your camera model from the list.
4. Follow the app's instructions to connect the camera to your 2.4GHz Wi-Fi network. You may need to scan a QR code displayed on your phone with the camera's lens.
5. Once connected, name your camera and complete the setup process.

3.4 Mounting the Camera

The camera comes with a mounting bracket and screws for easy installation. Choose a suitable location that provides the desired viewing angle and strong Wi-Fi signal. For outdoor installation, ensure the location offers protection from direct impact and allows for optimal solar panel charging if applicable.



Figure 3.4.1: Mounted G-Homa Camera

This image shows the G-Homa camera securely mounted to a wall, highlighting its compact design and suitability for outdoor use, even in wet conditions.

4. OPERATION

4.1 Live View and Two-Way Audio

Open the Vicohome app and select your camera to access the live view. From here, you can monitor your property in real-time. Use the microphone and speaker icons within the app to enable two-way audio communication with anyone near the camera.

Two-Way Audio for live communication

Superior Video quality with 3MP 2K Resolution

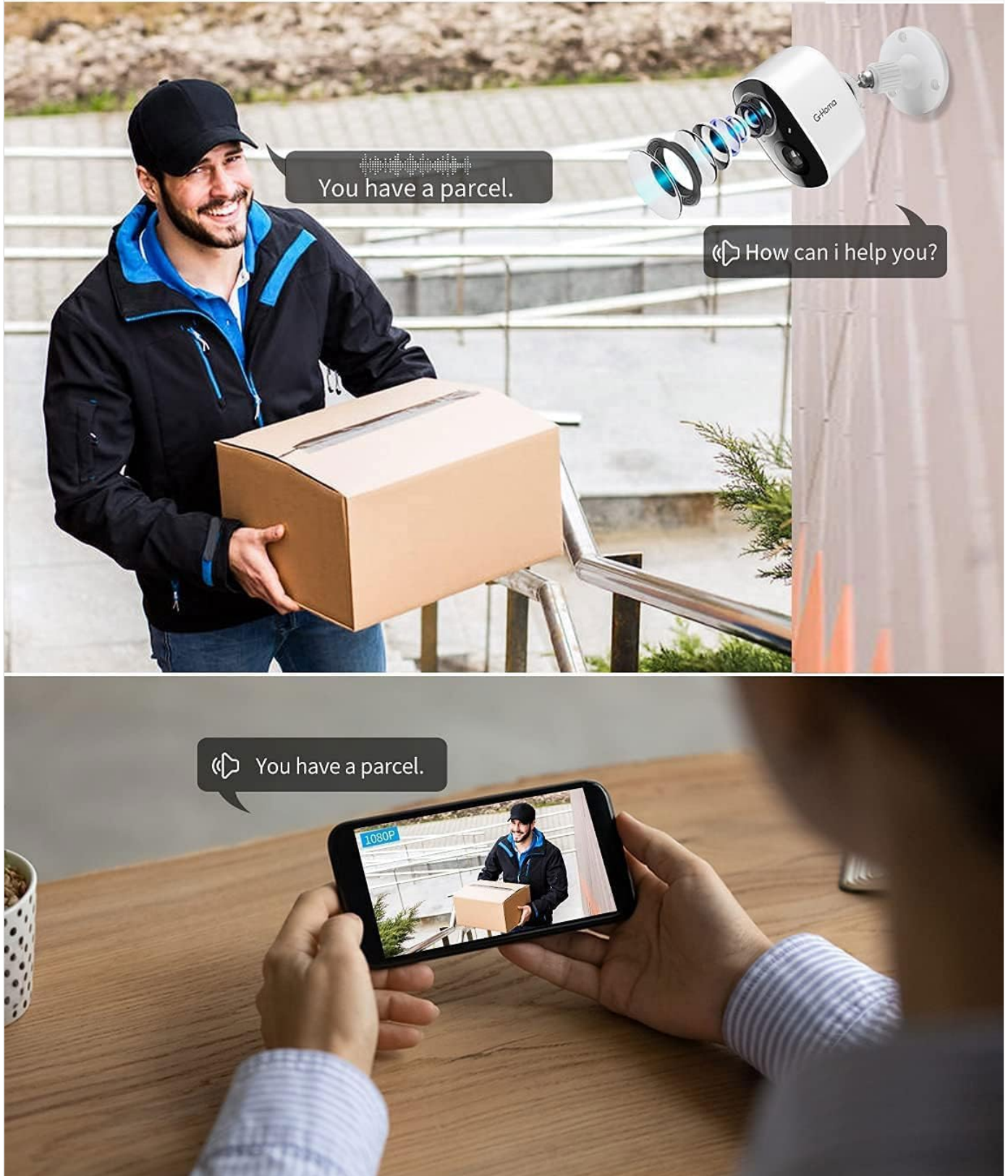


Figure 4.1.1: Two-Way Audio Communication

This image illustrates the two-way audio capability, allowing users to speak and listen through the camera via their mobile device, useful for interacting with visitors or delivery personnel.

4.2 Motion Detection and Alerts

The camera features an optimized PIR sensor for human motion detection. When motion is detected, the app will send a video notification to your phone. You can customize detection zones and sensitivity settings within the app to minimize false alarms.

PIR Motion Detection & Video Notification



 2:00 PM PIR Smart Detect Unusual Motion

-  Receive video alerts when motion is detected
-  Siren Alert
-  Motion detection is recorded as a video without missing any information

Figure 4.2.1: Motion Detection and Alerts

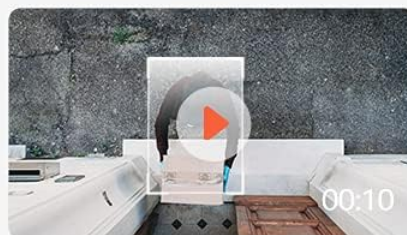
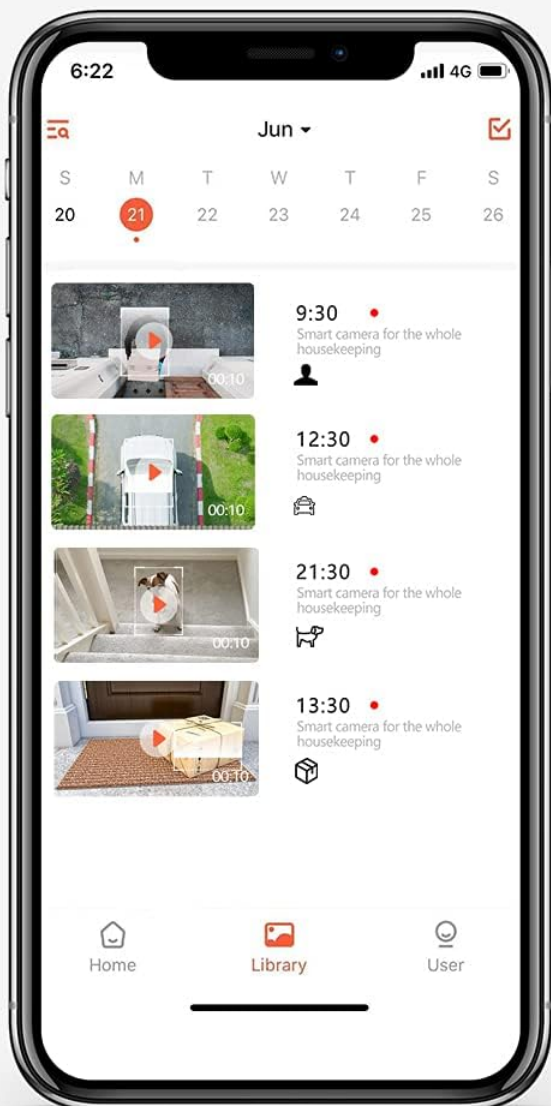
This image demonstrates how the camera detects motion and sends instant video alerts to your smartphone, along with the option to activate a siren.

4.3 Smart AI Recognition

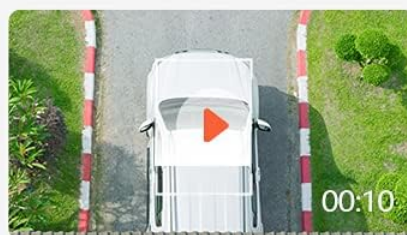
Leverage the camera's AI capabilities to differentiate between people, vehicles, packages, and pets. This feature helps in receiving only relevant notifications. You can also define custom privacy detection zones to focus monitoring on specific areas.

Smart AI Recognition, More Smart, More Security

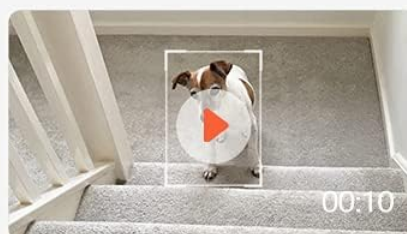
Person, Vehicle, Pets, Package Detection Reduce False Alert
More AI features are on the way.



Person
Detection



Vehicle
Detection



Pets
Shot



Package Deliver
Notification



Figure 4.3.1: Smart AI Recognition

This image highlights the camera's advanced AI features, capable of distinguishing between different types of motion, such as people, vehicles, and pets, and allowing for customized detection zones.

4.4 Night Vision Modes

The camera supports both infrared (black and white) and color night vision. Color night vision is activated when the

spotlight is on, providing clearer details in low-light conditions.



Figure 4.4.1: Day & Night Color Display

This image demonstrates the camera's ability to provide clear visuals both during the day and at night, with options for color night vision when the spotlight is active, and infrared mode when it's off.

4.5 Video Playback and Storage

Recorded videos can be accessed via the Vicohome app. The camera supports local storage on a Micro SD card (up to 128GB, not included) and offers 3 days of free cloud storage. You can review past events and download footage as needed.

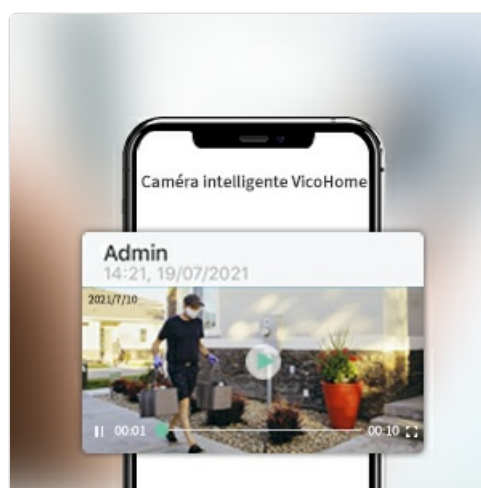


Figure 4.5.1: Video Playback

This image shows the video playback interface on the Vicohome app, allowing users to review recorded events.

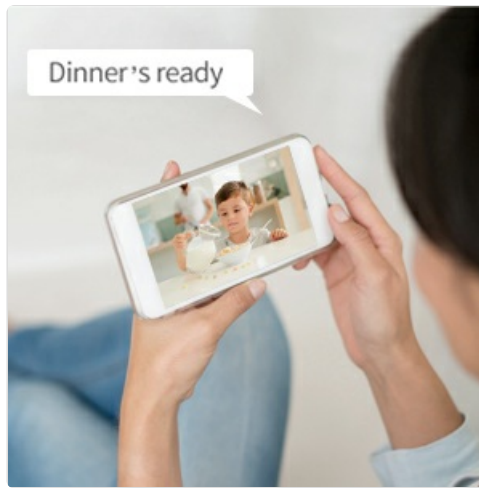


Figure 4.5.2: Remote Live View

This image demonstrates the ability to view live camera feeds remotely from a smartphone.



Figure 4.5.3: Digital Zoom Functionality

This image illustrates the digital zoom feature available within the app, allowing users to magnify details in the live or recorded video.



Figure 4.5.4: Multi-Device Monitoring

This image shows the capability to monitor multiple G-Homa cameras simultaneously from a single smartphone interface.



Figure 4.5.5: User Sharing and Multi-Device Access

This image illustrates the feature allowing multiple users to access and share camera feeds, enhancing family security.

5. MAINTENANCE

5.1 Battery Management

The camera is powered by a 5200 mAh rechargeable lithium-ion battery. Battery life can vary based on usage (e.g., frequency of motion detection, live view access). To maximize battery life, consider purchasing a compatible solar panel (not included) for continuous charging. Regularly check the battery level in the Vicohome app and recharge as needed.



Figure 5.1.1: Solar Charging Option

This image shows the G-Homa camera connected to an optional solar panel for continuous power, extending battery life and reducing the need for manual recharging.

5.2 Weather Resistance

The camera is rated IP65 weatherproof, meaning it is protected against dust ingress and low-pressure water jets from any direction. It is designed to operate effectively in various outdoor conditions, including rain, sun, and snow. However, avoid submerging the camera in water.

Ready For Any Weather



IP65
Waterproof



-4°F~140°F



Burning sun

Figure 5.2.1: IP65 Weatherproof Design

This image demonstrates the camera's robust IP65 rating, ensuring its durability and functionality in diverse weather conditions, from rain to intense sunlight.

5.3 Cleaning

To maintain optimal performance, periodically clean the camera lens and body. Use a soft, dry cloth to wipe away dust

and smudges. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the ports. Do not use harsh chemicals or abrasive cleaners.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password, camera too far from router, 5GHz Wi-Fi network.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router or use a Wi-Fi extender. The camera only supports 2.4GHz Wi-Fi.
Frequent false alarms	High motion sensitivity, objects like trees or shadows causing triggers, pets.	Adjust motion detection sensitivity in the app. Utilize AI detection to filter out non-human motion. Set up custom detection zones to exclude busy areas.
SD card not recording or recognized	SD card not formatted, incompatible card, faulty card.	Format the SD card within the Vicohome app. Ensure the SD card is Class 10 or higher and up to 128GB. Try a different SD card.
Poor image/video quality at night	Obstructions in front of lens, insufficient ambient light for color night vision.	Clean the camera lens. Ensure there are no obstructions. If color night vision is desired, ensure the spotlight is enabled or there is sufficient ambient light.
Short battery life	Frequent motion events, extensive live view usage, cold weather.	Reduce motion detection sensitivity or frequency. Limit live view access. Consider purchasing a solar panel for continuous charging. Battery performance can be reduced in extreme cold.

7. SPECIFICATIONS

Feature	Specification
Video Recording Resolution	2K
Color	White
Number of Items	1
Number of Channels	2
Wireless Communication Technology	Wi-Fi
Form Factor	Bullet
Effective Video Resolution	3 Megapixels
Viewing Angle	110 degrees
Night Vision Range	10 Meters (approx. 33 feet)

Feature	Specification
Material	Plastic
Voltage	5 Volts
Power	5 Watts
Dimensions (L x W x H)	10.2 x 5.1 x 5.1 centimeters (approx. 4.02 x 2.01 x 2.01 inches)
Special Features	Motion Detector
Model	Batterie (OBC1003P)
Battery Composition	Lithium-ion (2 Lithium-polymer batteries included)
Manufacturer Warranty	3 years
Recommended Product Uses	Outdoor Security
Connectivity Technology	Wireless
Indoor/Outdoor Use	Outdoor
Compatible Devices	Smartphone
Power Source	Battery Powered / Solar Powered (not included)
Connectivity Protocol	WiFi
Controller Type	Vicohome

8. WARRANTY AND SUPPORT

8.1 Manufacturer's Warranty

The G-Homa 2K Wireless Outdoor WiFi Battery Surveillance Camera comes with a **3-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. This warranty covers defects in materials and workmanship under normal use.

8.2 Customer Support

G-Homa is committed to 100% customer satisfaction. For any questions, technical assistance, or support needs, please utilize the following resources:

- **Professional After-Sales Technical Team:** Access support through the Vicohome app or G-Homa's official channels.
- **Online Feedback:** Submit your queries directly through the app's feedback section.
- **Quick Response:** Expect timely responses to your support requests.
- **In-App Live Chat:** For immediate assistance, use the live chat feature within the Vicohome application.

For more information, visit the official G-Homa website or contact their customer service directly.



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