

Techage CG6E

Techage CG6E Solar Security Camera User Manual

Model: CG6E

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Techage CG6E Solar Security Camera. Designed for outdoor use, this wireless camera system offers 2K high-definition video, AI motion detection, color night vision, two-way audio communication, and is built with an IP66 waterproof rating for reliable performance in various weather conditions. The integrated solar panel ensures continuous power, reducing the need for frequent battery recharges.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Techage Solar Security Camera (2 units)
- Solar Panel (2 units)
- Mounting Brackets and Screws
- USB Charging Cable
- User Manual (this document)



Image: Two Techage CG6E solar security cameras and two solar panels, illustrating the complete product package.

3. PRODUCT OVERVIEW

The Techage CG6E camera system is engineered for robust outdoor surveillance. Key features include:

- **2K Ultra HD Resolution:** Captures clear video footage with 1.5 times the clarity of standard 1080P cameras.
- **Solar-Powered Efficiency:** Equipped with an external solar panel for continuous battery charging, ensuring uninterrupted operation.
- **AI Motion Detection:** Advanced algorithms identify human movement, reducing false alerts and sending instant notifications.
- **Color Night Vision:** Dual LED spotlights enable full-color video recording even in low-light conditions.
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication through the camera.

- **IP66 Weatherproof:** Designed to withstand rain, snow, and extreme temperatures for year-round outdoor use.
- **Flexible Storage:** Supports local storage via a Micro SD card (up to 128GB, not included) and cloud storage options.

Image: An overview of the Techage CG6E camera highlighting its main features: long-lasting battery, free 3-day cloud storage, AI motion detection, and full-color night vision.

4. SETUP

4.1 App Installation

The Techage CG6E camera operates with the Vicohome app. Download the app from your device's app store:

- For iOS devices, search for "Vicohome" in the Apple App Store.
- For Android devices, search for "Vicohome" in the Google Play Store.

Follow the on-screen instructions to create an account and log in.



Image: A smartphone displaying the Vicohome app interface, indicating where to download the application.

4.2 Camera Pairing

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The camera does not support 5GHz Wi-Fi.
2. Open the Vicohome app and tap the "Add Device" or "+" icon.
3. Power on the camera. The camera will enter pairing mode, indicated by a specific LED light pattern or voice prompt.
4. Follow the app's instructions to scan the QR code on the camera or manually select the device.
5. Enter your Wi-Fi network password when prompted.
6. Once connected, the camera will confirm successful pairing, and you can name your device within the app.

4.3 Physical Installation

The camera and solar panel are designed for wall mounting.

1. **Choose a Location:** Select an outdoor location that provides the desired viewing angle and receives ample direct sunlight for the solar panel. Ensure the camera is within range of your 2.4GHz Wi-Fi network.
2. **Mount the Camera:** Use the provided mounting bracket and screws to securely attach the camera to

a wall or other stable surface. Adjust the camera angle for optimal coverage.

3. **Mount the Solar Panel:** Position the solar panel in a location that maximizes sun exposure throughout the day. Connect the solar panel cable to the camera's charging port.



Image: A Techage CG6E camera and its solar panel are shown mounted on an outdoor wall, illustrating a typical installation scenario.

5. OPERATING INSTRUCTIONS

5.1 Live View

Access real-time video feed from your camera through the Vicohome app. Simply select the desired camera from your device list to view its live stream.

5.2 Motion Detection Settings

The camera features advanced AI motion detection. You can customize settings within the Vicohome app:

- **Sensitivity:** Adjust the detection sensitivity to minimize false alerts.
- **Activity Zones:** Define specific areas within the camera's view where motion detection should be active, ignoring other areas.
- **AI Recognition:** The camera can differentiate between people, vehicles, packages, and pets, providing more relevant alerts.

- **Alerts:** Configure push notifications to your smartphone when motion is detected.

Multi-Alarms with Spotlight and Siren

Excellent Solution for Home Security



Image: A visual representation of the camera detecting motion near a doorway, triggering a spotlight, siren, and sending a notification to the Vicohome app.

5.3 Two-Way Audio

Utilize the two-way audio feature to communicate with individuals near the camera. Tap the microphone icon in the live view interface of the Vicohome app to speak, and the camera's speaker will broadcast your voice. You can also hear audio from the camera's location.

Real-Time Communication

Listen and Talk Anytime, Anywhere Through the App.



Image: A person inside a house communicating via the camera with another person outside, demonstrating the two-way audio function.

5.4 Night Vision Modes

The camera offers two night vision modes:

- **Color Night Vision:** When the built-in spotlights are activated (either manually or by motion detection), the camera captures full-color video in dark environments.
- **Infrared Night Vision:** With spotlights off, the camera uses infrared LEDs to provide clear black-and-white video in darkness.

Color Night Vision

Night Views Come to Life With Clear, Vivid Colors

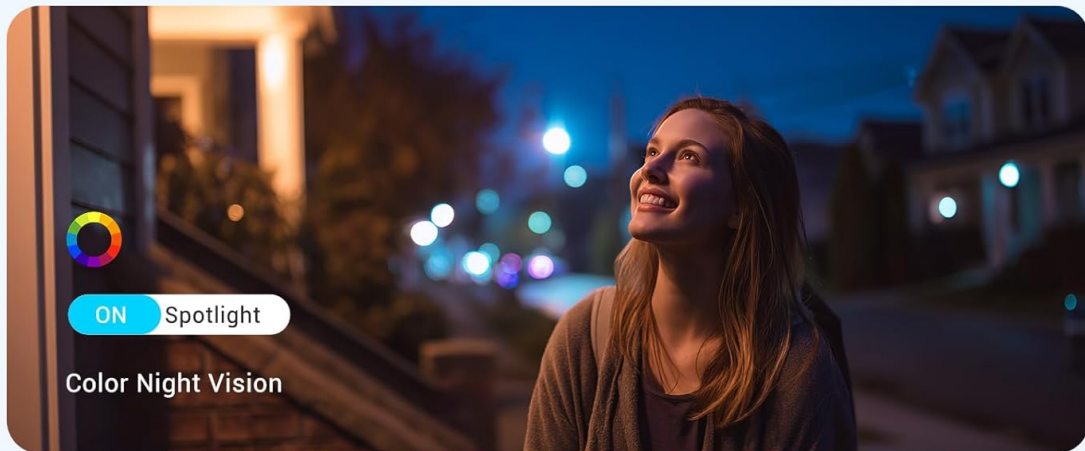


Image: A comparison showing the difference between color night vision (spotlight on) and infrared night vision (spotlight off) in a dark setting.

5.5 Storage Options

Your camera supports two storage methods:

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot on the camera for local recording.
- **Cloud Storage:** The Vicohome app offers a free 3-day rolling event recording cloud storage. Optional premium cloud plans are available for extended storage and advanced features.

SD Card & Cloud Storage

Supports Cloud and SD Card Storage for Flexible Backup

 **Up to 128GB
Micro SD Card**
(Not included)

 **Free 3-Day Loop
Cloud Storage**
(No Hidden Fee)



Image: A close-up of the camera highlighting the Micro SD card slot and illustrating cloud storage functionality.

5.6 Sharing Access

You can share camera access with family members or trusted individuals through the Vicohome app. This allows multiple users to view live feeds and receive alerts.

6. MAINTENANCE

6.1 Battery Charging and Solar Panel Placement

The solar panel is designed to keep the camera battery charged. Ensure the solar panel is positioned to receive maximum direct sunlight daily. If the camera's battery level drops significantly due to prolonged cloudy weather or insufficient sunlight, you may need to temporarily charge the camera using the provided USB cable.

6.2 Cleaning

Periodically clean the camera lens and the surface of the solar panel with a soft, damp cloth to ensure optimal performance. Avoid using harsh chemicals or abrasive materials.

6.3 Firmware Updates

The Vicohome app will notify you of available firmware updates. It is recommended to keep your camera's

firmware updated to ensure the latest features, security enhancements, and bug fixes.

7. TROUBLESHOOTING

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz. Check Wi-Fi signal strength at the camera's location. Restart your router and the camera.
- **Frequent false alerts:** Adjust motion detection sensitivity and configure activity zones within the Vicohome app to focus on relevant areas.
- **Poor night vision:** Ensure the camera lens is clean. Check if the spotlights are enabled for color night vision.
- **Battery not charging:** Verify the solar panel is connected correctly and receives sufficient direct sunlight. Clean the solar panel surface.
- **No cloud recording:** Confirm your cloud storage subscription status. The free plan offers 3-day rolling event recording.

For further assistance, refer to the in-app help section or contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Name	CG6E
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Technology	Wireless (Wi-Fi 2.4GHz only)
Video Capture Resolution	2K (1440p)
Night Vision Range	33 Feet
Water Resistance Level	IP66 Waterproof
Two-Way Audio	Yes
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
Compatible Devices	Smartphone (via Vicohome app)
Product Dimensions	6 x 3.49 x 7.5 inches
Item Weight	2.09 pounds

9. WARRANTY AND SUPPORT

Techage provides free technical support for its products. For warranty information or to contact support, please refer to the contact details provided within the Vicohome app or visit the official Techage website.

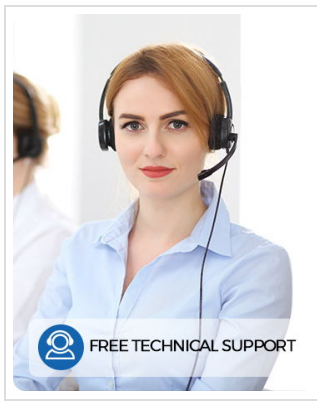

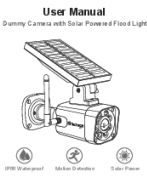




Image: A customer support representative, symbolizing the availability of technical assistance.

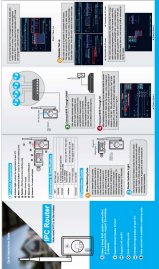
Related Documents - CG6E

	<p>Techage WiFi AI Camera User Manual - Setup, Features, and Usage</p> <p>Comprehensive user manual for the Techage WiFi AI Camera. Learn how to set up, connect, and use its features like AI detection, two-way talk, and remote viewing on smartphones, web browsers, and PC software.</p>
	<p>Techage Dummy Camera with Solar Powered Flood Light User Manual</p> <p>User manual for the Techage Dummy Camera with Solar Powered Flood Light, detailing product features, testing procedures, optimal installation, technical specifications, and warranty information.</p>
	<p>Techage LED</p> <p>Techage LED IP66</p>
	<p>Techage WiFi AI Camera User Manual: Setup, Features, and PC Software Guide</p> <p>Comprehensive user manual for the Techage WiFi AI Camera. Learn how to set up, connect to the iCsee app, use PC software (VMS), and explore advanced features like AI detection and flood lights. Includes product details and troubleshooting.</p>



[Techage PT 817 WiFi AI Camera User Manual and Setup Guide](#)

Comprehensive user manual for the Techage PT 817 WiFi AI Camera, covering setup, features, app usage, and PC software integration. Learn about humanoid detection, two-way audio, and remote monitoring.



[Techage IPC Router R4S-2 Quick Start Guide](#)

A quick guide to setting up and using the Techage IPC Router R4S-2, enabling wired NVR systems to support wireless IP cameras and extend Wi-Fi transmission range.