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› [Tapo](#) /

› Tapo C460 KIT 4K 8MP Battery Solar Security Camera Outdoor Wireless User Manual

Tapo Tapo C460 KIT

Tapo C460 KIT 4K 8MP Battery Solar Security Camera User Manual

Model: Tapo C460 KIT | Brand: Tapo

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Tapo C460 KIT 4K 8MP Battery Solar Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

The Tapo C460 KIT is an advanced outdoor wireless security camera system designed for superior clarity and ease of use. It features 4K 8MP resolution, starlight color night vision, AI detection capabilities, and is powered by a long-lasting battery supplemented by a solar panel for continuous operation.

PACKAGE CONTENTS

Verify that all components are present in your package:

- Tapo Camera
- Solar Panel
- Solar Panel Bracket
- USB Adapter Cable
- Magnetic Base
- Mounting Screws and Anchors
- Quick Start Guide

PRODUCT OVERVIEW



Figure 1: The Tapo C460 KIT, showing the security camera and its accompanying solar panel. The camera is white with a gold ring around the lens, and the solar panel is black.



Figure 2: An illustration highlighting key features of the Tapo C460 KIT, including 4K Ultra HD Live View, Continuous Solar Charging, Flexible Wire-Free Design, Adjustable Magnetic Base, Starlight Color Night Vision, Free Person/Vehicle/Pet Detection (AI), Robust Weatherproofing, and Local & Cloud Storage (up to 512GB).

The Tapo C460 KIT combines a high-resolution camera with a solar charging solution for continuous, wire-free surveillance. Its design allows for flexible installation and robust performance in various outdoor conditions.

SETUP

1. Charging the Camera

Before initial use, fully charge the camera's built-in 10,000mAh battery using the provided USB adapter cable. Connect the cable to the camera's charging port and a standard USB power adapter (not included). A full charge ensures optimal performance and battery life.

2. Downloading the Tapo App

The Tapo C460 KIT requires the Tapo app for setup and operation. Download the Tapo app from the Apple App Store or

Google Play Store. Create a Tapo account or log in if you already have one.

- Search for "Tapo" in your device's app store.
- Install the app and follow the on-screen instructions to create an account.

3. Adding the Camera to the Tapo App

1. Open the Tapo app and tap the "+" icon in the top right corner to add a new device.
2. Select your camera model (Tapo C460 KIT) from the list.
3. Follow the in-app instructions to connect the camera to your Wi-Fi network. Ensure you are connecting to a 5GHz Wi-Fi band for faster performance and reduced interference.
4. Once connected, name your camera and set its location.

4. Mounting the Camera and Solar Panel

The Tapo C460 KIT offers flexible installation options. The camera features a magnetic base for easy attachment to metallic surfaces or the included solar panel bracket. The solar panel can be installed combined with the camera or separately for optimal sun exposure.



Solar-Powered Peace of Mind

Enjoy lasting security and convenience, no wiring or the need for recharging.

tapo

Figure 3: The Tapo C460 KIT camera and solar panel mounted on an exterior wall, demonstrating the solar-powered operation. The solar panel is positioned to receive direct sunlight.



Figure 4: Two installation configurations for the Tapo C460 KIT. The top image shows the camera and solar panel combined as a single unit. The bottom image shows the camera and solar panel separated, connected by a cable, allowing for flexible placement to maximize sun exposure for the solar panel.

Combined Installation: Attach the camera directly to the solar panel bracket. Mount the bracket to a wall using the provided screws and anchors. Ensure the solar panel faces an area with ample direct sunlight.

Separated Installation: Use the 4m cable to connect the camera to the solar panel. Mount the camera in your desired surveillance location and the solar panel in a separate location that receives maximum direct sunlight. This flexibility ensures optimal charging.

For best solar charging performance, position the solar panel where it receives at least 45 minutes of direct sunlight daily. This can power the camera for a full day.

OPERATING THE CAMERA

Live View and Recording

Access the live feed of your camera through the Tapo app. The 4K 8MP resolution provides superior clarity, allowing for detailed monitoring.



4K Crystal-Clear Surveillance

Capture every detail with precision with 4K clarity. See more. See clearer. Stay secure.

tapo

Figure 5: A demonstration of the 4K crystal-clear surveillance capability of the Tapo C460 KIT, showing a vehicle in a driveway with a magnified inset highlighting the clarity of the license plate details.

Recordings are triggered by detected events. You can review recorded footage within the Tapo app. The camera supports 18x digital zoom for closer inspection of details.

Night Vision

The Tapo C460 KIT features Starlight Color Night Vision, enabled by an F1.6 lens, starlight sensor, and built-in spotlights. This technology allows the camera to capture vivid, full-color images even in low-light conditions, enhancing night safety.

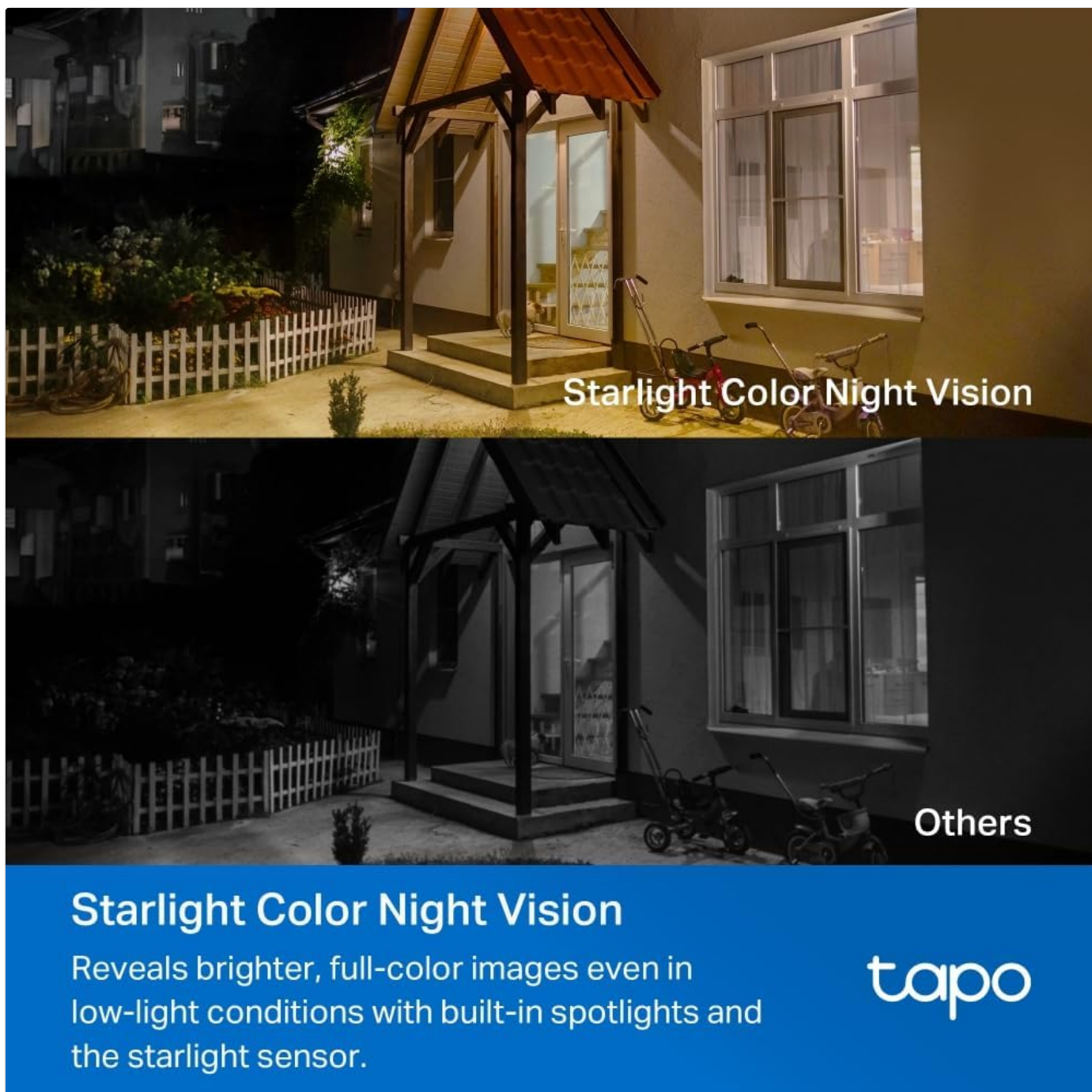


Figure 6: A comparison demonstrating the effectiveness of Starlight Color Night Vision. The top image shows a scene at night with full color and clarity provided by the Tapo C460 KIT, while the bottom image, labeled "Others," shows a typical black and white or less clear night vision view of the same scene.

AI Detection and Notifications

The camera's smart AI technology can detect people, pets, vehicles, general movement, line-crossing, and tampering attempts. When an event is detected, you will receive instant live notifications on your smartphone via the Tapo app.

- Configure detection zones and sensitivity settings within the Tapo app to customize alerts.
- If an intruder attempts to tamper with or move the camera, it will sound an alarm, and you will receive an immediate notification.

Two-Way Audio

Utilize the built-in microphone and speaker for clear two-way communication. This feature allows you to interact with visitors or deter intruders directly through the Tapo app from anywhere.

Voice Control Integration

The Tapo C460 KIT is compatible with Google Assistant and Amazon Alexa. Manage your security system hands-free using simple voice commands. Refer to the Tapo app for instructions on linking your camera with these smart home platforms.

Storage Options

The camera offers flexible storage solutions:

- **Local Storage:** Insert a microSD card (up to 512 GB, sold separately) into the camera's slot for secure local storage of recordings.
- **Cloud Storage:** Subscribe to Tapo Care cloud service for additional storage needs and enhanced security. A free month trial is typically included.

MAINTENANCE

Cleaning the Camera and Solar Panel

Regularly clean the camera lens and the surface of the solar panel to ensure optimal performance. Use a soft, damp cloth to wipe away dust and dirt. Avoid using harsh chemicals or abrasive materials that could damage the surfaces.

Battery Management

While the solar panel provides continuous charging, monitor the battery level via the Tapo app. If the camera is installed in an area with insufficient sunlight, occasional manual charging may be required using the USB adapter cable.

Firmware Updates

Keep your camera's firmware updated to ensure the latest features, security enhancements, and bug fixes. The Tapo app will notify you when new firmware updates are available. Follow the in-app instructions to perform updates.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi.	Incorrect Wi-Fi password, camera too far from router, 2.4GHz/5GHz band issue.	Verify Wi-Fi password. Move camera closer to router. Ensure you are connecting to a 5GHz network if available, or the correct 2.4GHz network.
Poor image quality.	Dirty lens, low light conditions, network bandwidth issues.	Clean the camera lens. Ensure sufficient lighting or verify Starlight Color Night Vision is active. Check your Wi-Fi signal strength.
Battery not charging or draining quickly.	Insufficient sunlight on solar panel, high detection frequency, extreme temperatures.	Reposition solar panel for more direct sunlight. Reduce detection sensitivity or frequency in the app. Ensure operating within recommended temperature range.
No notifications received.	App notification settings disabled, phone's notification settings, network issues.	Check notification settings in the Tapo app and your phone's system settings. Ensure stable internet connection.
Lag in live view or recorded footage.	Weak Wi-Fi signal, network congestion.	Improve Wi-Fi signal strength (e.g., with an extender). Reduce network traffic. Ensure 5GHz Wi-Fi is used if available.

For further assistance, refer to the FAQ section within the Tapo app or visit the Tapo support website.

SPECIFICATIONS

Feature	Detail
Model	Tapo C460 KIT
Video Capture Resolution	4K (8MP)
Night Vision Range	Up to 49 Feet (15 meters) with Starlight Color Night Vision
Viewing Angle	134 Degrees
Frame Rate	15 frames per second
Wireless Communication	Wi-Fi (supports 5GHz band)
Power Source	Solar Powered, 10,000mAh Rechargeable Battery
Water Resistance Level	IP66 (Weatherproof)
Storage Options	MicroSD card (up to 512 GB), Tapo Care Cloud Storage
Special Features	2-Way Audio, AI Detection (Person, Pet, Vehicle, Motion, Line-crossing, Tampering), Starlight Color Night Vision, Magnetic Base, Alexa/Google Assistant Compatibility
Dimensions (L x W x H)	11.5 x 21.3 x 9.8 cm (approx.)
Weight	471 g (approx.)

Note: Specifications are subject to change without notice.

WARRANTY AND SUPPORT

Warranty Information

Tapo products typically come with a limited warranty. Please refer to the warranty card included in your product packaging or visit the official Tapo website for detailed warranty terms and conditions specific to your region.

Technical Support

For technical assistance, product inquiries, or troubleshooting not covered in this manual, please contact Tapo Customer Support:

- **Website:** Visit the official Tapo support website (e.g.,www.tapo.com/support) for FAQs, firmware downloads, and contact information.
- **Tapo App:** Access support resources directly through the Tapo app's Help or Support section.

When contacting support, please have your product model number (Tapo C460 KIT) and purchase information ready.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question