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› Tapo TP-Link Pan/Tilt Outdoor Wi-Fi Camera (Tapo C560WS) User Manual

## TP-Link Tapo C560WS

# Tapo TP-Link Pan/Tilt Outdoor Wi-Fi Camera (Tapo C560WS) User Manual

Model: Tapo C560WS

## INTRODUCTION

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This user manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Tapo TP-Link Pan/Tilt Outdoor Wi-Fi Camera, model Tapo C560WS. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

## PRODUCT OVERVIEW

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Image: Front view of the Tapo C560WS Pan/Tilt Outdoor Wi-Fi Camera.

## Key Features

- **4K 8MP Ultra-High Resolution:** Provides crystal-clear video with enhanced sensor, processor, and lens.
- **Starlight Color Night Vision:** F1.6 lens and spotlights ensure vibrant images in low light conditions.
- **360° Pan/Tilt Coverage:** Offers comprehensive surveillance with a wide field of view.
- **Free AI Detection & Tracking:** Local facial recognition, smart detection of people, pets, and vehicles, with automatic tracking.
- **IP66 Weatherproof Design:** Ensures reliable outdoor performance in various weather conditions.
- **Next-Gen Wi-Fi 6 Connectivity:** Dual-band Wi-Fi 6 for faster speeds, stronger connections, and stable performance.
- **Flexible Storage Options:** Supports local storage via microSD card (up to 512GB) and Tapo Care cloud service.
- **Two-Way Audio:** Allows for communication through the camera.
- **Alarm Functionality:** Integrated alarm for deterrence.

## 4K Live View Captures the Finer Details



## 360° AI Tracking



## Free AI Detection



People



Pets



Vehicles



Starlight  
Color Night  
Vision



Wi-Fi 6  
Connectivity:  
2.4GHz or  
5GHz Band



Local and  
Cloud  
Storage



24/7  
Continuous  
Monitoring

Image: Visual summary of key features including 4K live view, 360° AI tracking, free AI detection, starlight color night vision, Wi-Fi 6, local/cloud storage, and 24/7 continuous monitoring.

## Package Contents

- Tapo C560WS Pan/Tilt Outdoor Wi-Fi Camera
- Power Adapter
- Mounting Template
- Mounting Screws and Anchors
- Waterproof Seal
- Quick Start Guide

## Physical Components

The Tapo C560WS camera features a durable, weatherproof housing. Key components include the camera lens, infrared LEDs, spotlights, microphone, speaker, power port, and a reset button (typically located under a cover or near the

microSD card slot).

## SETUP

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### Before You Begin

- A stable Wi-Fi network (2.4 GHz or 5 GHz).
- A smartphone or tablet running iOS 10.0 or later, or Android 5.0 or later.
- The Tapo app, downloaded from the App Store or Google Play Store.
- A power outlet for the camera.

### Installation

1. **Choose a Location:** Select an outdoor location with a clear view and strong Wi-Fi signal. Ensure the camera is within reach of a power outlet.
2. **Mount the Camera:** Use the provided mounting template to mark drill holes. Secure the camera to the wall or ceiling using the screws and anchors.
3. **Connect Power:** Connect the power adapter to the camera and plug it into a power outlet. Ensure the connection is secure and protected from weather using the waterproof seal if necessary.

### App Setup

1. **Download the Tapo App:** Search for "Tapo" in your device's app store and install it.
2. **Create a TP-Link ID:** Open the Tapo app and sign up for a new TP-Link ID or log in if you already have one.
3. **Add Your Camera:** Tap the "+" icon in the app, select your camera model (Tapo C560WS), and follow the on-screen instructions to connect it to your Wi-Fi network.
4. **Configure Settings:** Once connected, you can customize settings such as camera name, recording preferences, and notification alerts.

# Wi-Fi 6



## Wi-Fi 6 Connectivity: 2.4GHz or 5GHz Band

tapo

Image: Diagram illustrating Wi-Fi 6 connectivity within a home environment, showing camera placement and dual-band (2.4GHz or 5GHz) network coverage.

### OPERATING THE CAMERA

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#### Live View and Controls

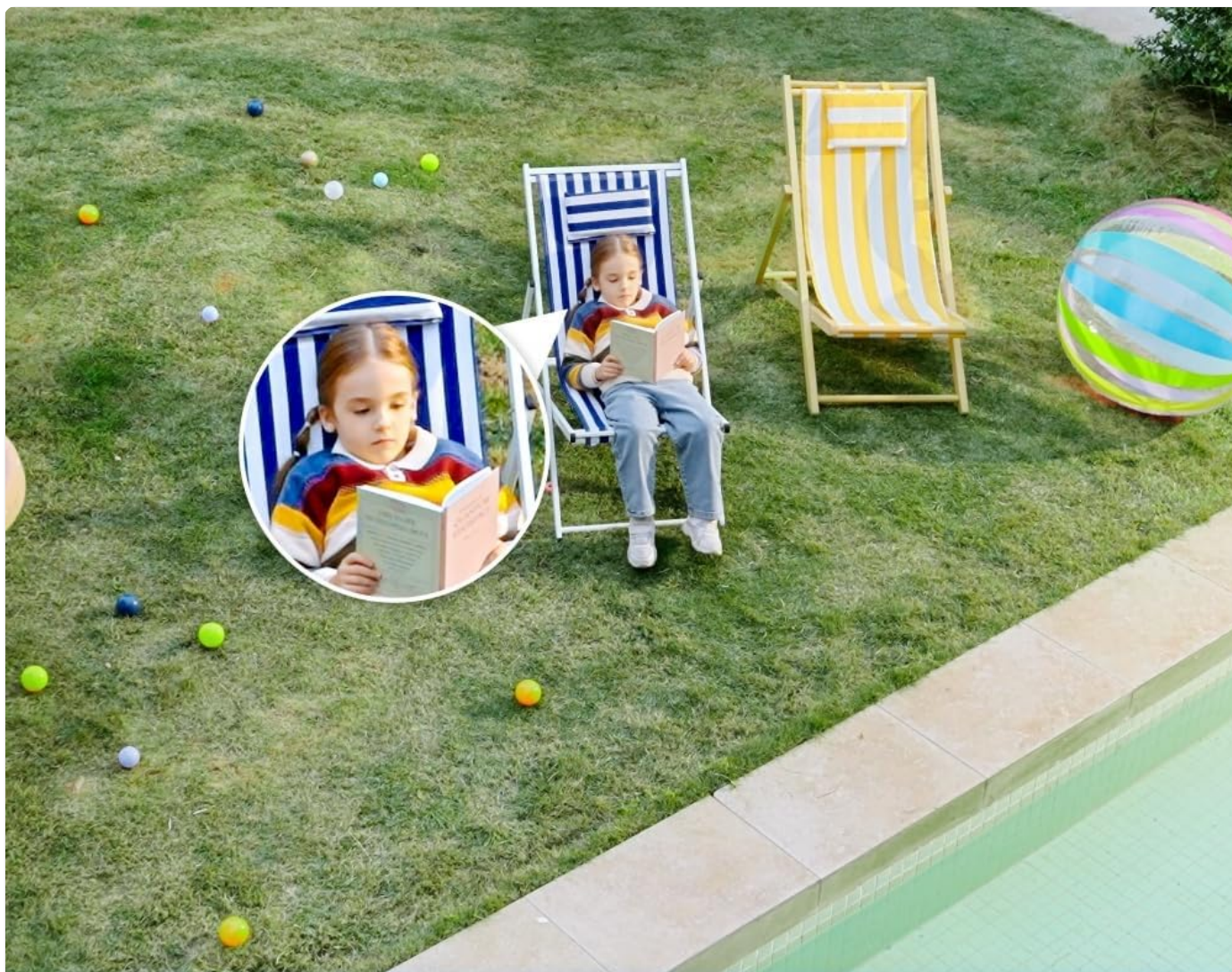
Access the live feed of your camera through the Tapo app. You can use the on-screen controls to pan (move horizontally) and tilt (move vertically) the camera for a 360° view of your surroundings. The app also allows for digital zoom to see finer details.



Upgraded Panoramic Patrol Mode

tapo

Image: Overhead view demonstrating the 360° panoramic patrol capability of the Tapo C560WS camera in an outdoor setting.



4K: Unmatched Clarity,  
Extended Range

tapo

Image: Example of 4K video clarity, showing a detailed view of a person reading outdoors, highlighting the camera's ability to capture fine details.

## Recording and Storage

- **MicroSD Card Storage:** Insert a microSD card (up to 512GB, not included) into the camera's designated slot for continuous or event-based recording.
- **Tapo Care Cloud Storage:** Subscribe to Tapo Care for cloud-based video storage, offering additional security and accessibility.
- **Playback:** View recorded footage directly from the Tapo app, with options to filter by event or time.

## Night Vision Modes

The Tapo C560WS features Starlight Color Night Vision, which utilizes a sensitive sensor and F1.6 aperture to capture full-color video in low-light conditions. Integrated spotlights can also illuminate the scene for enhanced clarity.



Starlight Color Night Vision

tapo

Image: Split view demonstrating the difference between traditional IR night vision (monochrome) and Starlight Color Night Vision (full color) in a low-light outdoor setting.

## AI Detection and Tracking

The camera's built-in AI provides intelligent detection capabilities:

- **People Detection:** Identifies human figures to reduce false alarms.
- **Pet Detection:** Recognizes pets, useful for monitoring animal activity.
- **Vehicle Detection:** Distinguishes vehicles from other moving objects.
- **Facial Recognition:** Locally processes and identifies familiar faces, allowing for customized alerts and reduced notifications for known individuals.
- **AI Tracking:** Automatically follows detected subjects to keep them in frame.



Image: Scene depicting facial recognition in action, with labels identifying familiar individuals and a "Stranger" in an outdoor family setting, demonstrating local AI processing.

## Two-Way Audio

Utilize the integrated microphone and speaker to communicate with individuals near the camera, or to deter unwanted visitors.

## Alarm Functionality

Configure the camera to trigger an audible alarm and/or flashing lights upon detection of motion or specific AI events, providing an active deterrent.

## MAINTENANCE

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### Cleaning

Periodically clean the camera lens and housing with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the camera's surface or lens.

## Firmware Updates

Ensure your camera's firmware is always up to date. The Tapo app will notify you of available updates. Firmware updates often include performance improvements, new features, and security enhancements.

## Storage Management

If using a microSD card, regularly check its status in the Tapo app. You may need to format the card periodically to maintain optimal recording performance. For cloud storage, manage your subscription and storage limits through the Tapo Care service.

## TROUBLESHOOTING

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### Common Issues

- **Camera Offline:** Check power connection, Wi-Fi signal strength, and router status. Try restarting the camera and your router.
- **Poor Video Quality:** Ensure the lens is clean. Check Wi-Fi signal strength. Adjust camera placement if interference is suspected.
- **Motion Detection Not Working:** Verify detection settings in the Tapo app. Ensure motion detection zones are correctly configured.
- **MicroSD Card Not Recording:** Check if the card is inserted correctly. Format the card in the app. Ensure the card is not full or corrupted.

### Resetting the Camera

If the camera is unresponsive or you are experiencing persistent issues, you may need to perform a factory reset. Locate the reset button (refer to the quick start guide for exact location), press and hold it for approximately 5 seconds until the camera's LED indicator changes, then release. This will restore the camera to its default settings.

## SPECIFICATIONS

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Feature	Detail
Model	Tapo C560WS
Video Capture Resolution	4K (8MP)
Color	White
Dimensions (L x W x H)	21.5 x 19.6 x 9.9 cm
Item Weight	830 g
Indoor/Outdoor Usage	Outdoor
Connectivity Protocol	Wi-Fi (Dual-band Wi-Fi 6)
Mounting Type	Wall Mount

Feature	Detail
Included Components	Power Adapter
Storage	MicroSD (up to 512GB), Cloud (Tapo Care)
Weather Resistance	IP66

## WARRANTY AND SUPPORT

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### Warranty Information

The Tapo C560WS camera comes with an industry-leading **2-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. This warranty covers defects in materials and workmanship under normal use.

### Technical Support

For any technical assistance, questions, or issues not covered in this manual, TP-Link offers **24/7 technical support**. Please visit the official TP-Link support website or contact their customer service hotline for assistance.

For more information, visit: [TP-Link Support](#)

