

Tapo Tapo C560WS

Tapo 4K 8MP Wired Pan/Tilt Outdoor Security Camera C560WS User Manual

Brand: Tapo | Model: C560WS

PRODUCT OVERVIEW

The Tapo C560WS is an advanced, wired security camera designed for comprehensive outdoor surveillance. It offers ultra-clear 4K 8MP footage, intelligent AI detection, and flexible monitoring features to enhance your home or business security.

Key Features

- **4K Ultra HD Clarity:** Experience 4 times the resolution of standard 1080p for sharper images and finer details. Capture license plates, small objects, and more.
- **Pan/Tilt with Smart Motion Tracking:** Gain full control with 360° pan and 70° tilt, automatically following moving subjects. Ideal for home or business security.
- **18x Digital Zoom:** Zoom in without sacrificing detail. Capture sharp, magnified images to enhance surveillance.
- **Free AI Detection:** Reduce unnecessary alerts by being notified only when an unfamiliar face is detected. Also enables alerts for people, pets, vehicles, and loud sounds like barking – all with no fees.
- **Weather-Resistant Design:** IP65-rated design protects against heavy rain and dust for reliable 24/7 operation.
- **Secure Local Processing:** Get faster alerts and more accurate detections with on-device AI that keeps facial recognition and other sensitive data off the cloud, ensuring speed and privacy.
- **Adaptive Night Vision:** Choose between black-and-white IR, full-color with built-in spotlights and a starlight sensor, or smart auto mode that switches to color when motion is detected.
- **Dual-Band Wi-Fi Connectivity:** Supports both 5 GHz and 2.4 GHz Wi-Fi bands for range flexibility.
- **Flexible Storage Options:** Store recordings on a microSD card (up to 512GB, purchased separately) or subscribe to Tapo Care's cloud storage.
- **Cybersecurity Commitment:** Designed, built, and maintained with advanced security as a core requirement, adhering to CISA's Secure-by-Design pledge.

Detailed Description

The Tapo C560WS is an advanced, wired security camera that delivers ultra-clear 4K 8MP footage for versatile monitoring. Whether you're overseeing children playing outdoors, checking in on a package delivery, or clearly identifying visitors approaching your entryway, the powerful 18x digital zoom lets you focus on details without loss of clarity.

Intelligent, subscription-free AI provides tailored alerts by recognizing unrecognized faces, pets, vehicles, and barking sounds, processed securely and rapidly on-device to protect your privacy. Enjoy comprehensive surveillance with 340° pan and 70° tilt featuring smart motion tracking to follow subjects. Customize your monitoring by creating Privacy Zones and utilizing a physical lens-blocking Privacy Mode to completely guarantee your privacy.

Gain deeper insights through detailed recognition reports with easy face management and event retrieval. Day or night, the advanced starlight sensor ensures clear, vivid images even in low-light conditions. The camera operates reliably in temperatures from 32°F to 104°F and is powered by a 5V/2A power supply. Connects to both 2.4GHz and 5GHz Wi-Fi (802.11a/b/g/n) and is able to wall-mounted or affixed to the ceiling/roof.

4K Ultra HD: More Details for More Security

4K resolution has 4 times more pixels than 1080p. This results in greater image clarity, finer details, and a sharper picture. Capture license plates, smaller objects, and more with 4K.

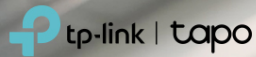


Comparison showing the superior clarity of 4K Ultra HD resolution over 1080p for capturing details.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- Tapo C560WS Camera ×1
- Power Adapter ×1
- Mounting Template ×1
- Mounting Bracket ×1
- Mounting Anchors ×4
- Mounting Screws ×4
- Bracket Screws ×2
- Waterproof Seal ×1
- Waterproof Cable Attachments ×1
- Quick Start Guide



Smarter, Safer 4K Security: Powered by On-Device AI.

Outdoor Pan/Tilt Security Wi-Fi Camera

Tapo C560WS



4K
Ultra HD



4K Ultra HD
Live View



Local Facial
Recognition



360° AI
Tracking



Free Person/
Pet/Vehicle Detection



Starlight Color
Night Vision



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



SD/ Cloud
Storage Options



Moderate
Installation

Image showing the Tapo C560WS camera and its various components, including mounting hardware and power adapter.

SETUP GUIDE

1. 1. Prepare for Installation

Before mounting, ensure you have a stable Wi-Fi connection (2.4 GHz or 5 GHz) at the desired installation location. If using a microSD card for local storage (up to 512GB, sold separately), insert it into the camera's slot before mounting for easier access.



Front view of the Tapo C560WS camera, showing its dome design and lens.

2. 2. Download the Tapo App

Search for "Tapo" in your mobile device's app store (Google Play Store for Android or Apple App Store for iOS) and download the official Tapo app. Create a Tapo account or log in if you already have one.

3. 3. Power On the Camera

Connect the provided power adapter to the camera and plug it into a power outlet. Wait for the camera's LED indicator to show it's ready for setup (refer to the Quick Start Guide for specific LED status meanings).

4. 4. Add Camera to Tapo App

Open the Tapo app, tap the "+" icon to add a new device, and select your camera model (Tapo C560WS). Follow the in-app instructions to connect the camera to your Wi-Fi network. The app supports Bluetooth onboarding for an easier setup process.

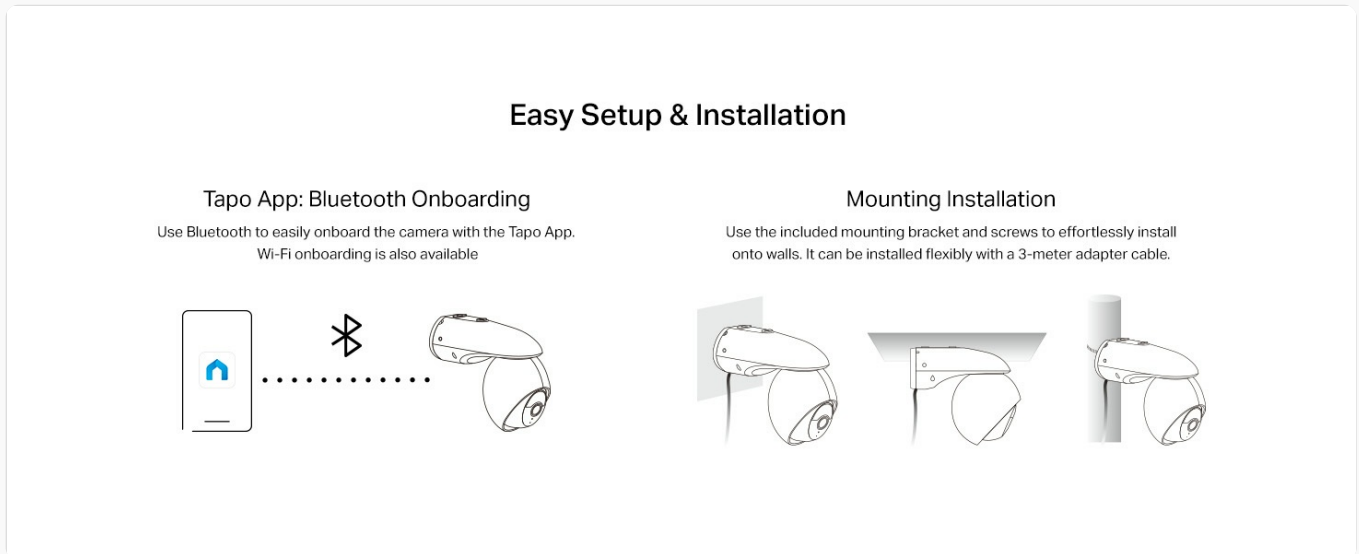


Diagram illustrating the easy setup process via the Tapo app and various mounting options.

5. 5. Mount the Camera

Use the included mounting template to mark drill holes on your wall or ceiling. Secure the mounting bracket using the provided anchors and screws. Attach the camera to the mounting bracket. Ensure the waterproof cable attachments are properly used for outdoor installations to protect connections.

OPERATING INSTRUCTIONS

• Live View and Pan/Tilt Control

Access the live feed from your camera through the Tapo app. Use the on-screen controls to pan (rotate horizontally up to 360°) and tilt (rotate vertically up to 70°) the camera lens to adjust your viewing angle. The camera supports an Upgraded Panoramic Patrol Mode for scheduled scans.



The camera's panoramic patrol mode provides wide area coverage.

- **Smart Motion Tracking and Digital Zoom**

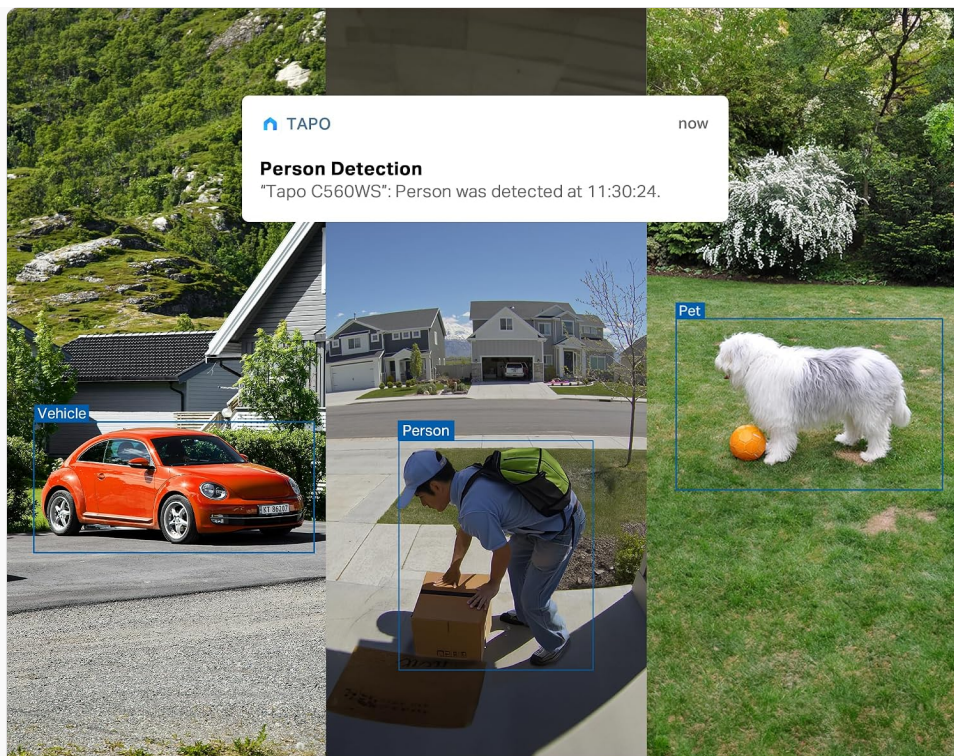
Enable Smart Motion Tracking in the app settings. The camera will automatically detect and follow moving subjects within its field of view. Utilize the 18x digital zoom feature to get closer details on specific areas of interest during live view or playback.



The camera's 360° AI tracking feature automatically zooms in and follows moving subjects.

- **AI Detection and Alerts**

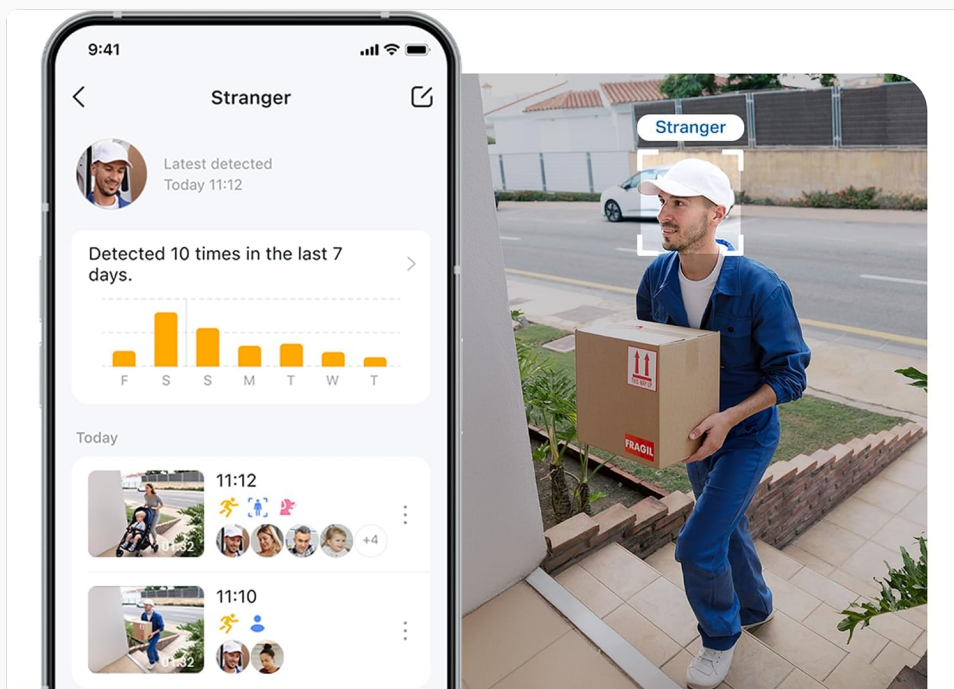
Configure AI detection settings for people, pets, vehicles, and facial recognition within the Tapo app. You can set custom notifications to be alerted only when specific events occur, such as an unfamiliar face being detected. This helps reduce unnecessary alerts.



Free AI Detections

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The camera offers free AI detections for people, vehicles, and pets, providing relevant alerts.

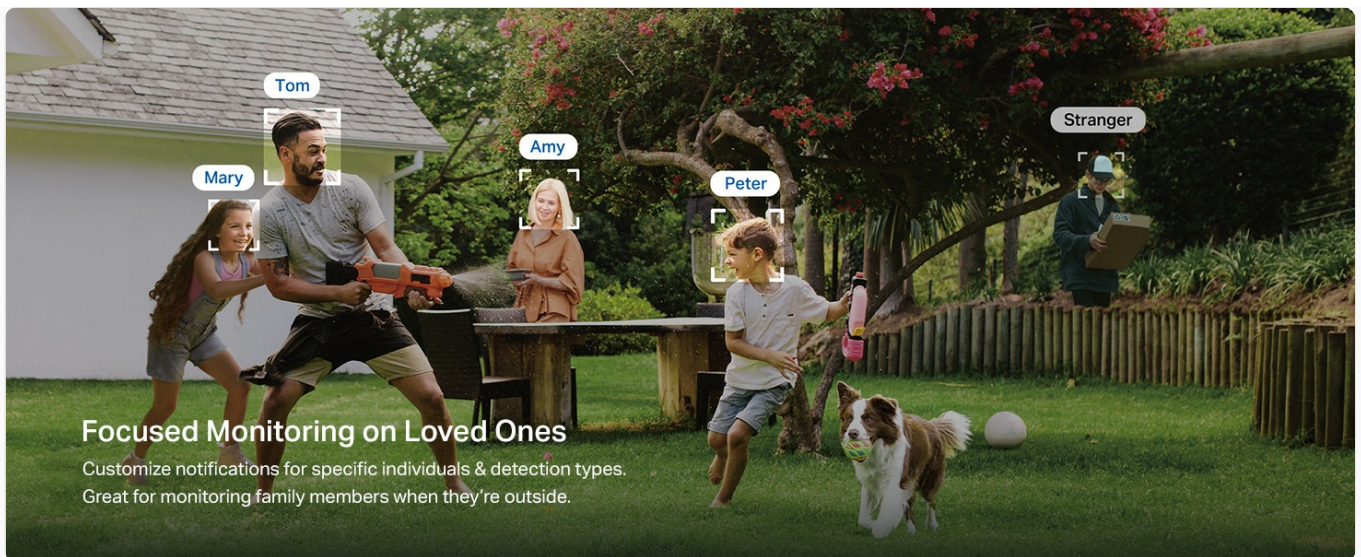


Facial Recognition

Allows custom notifications to alert you only when an unrecognized face is detected.

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The facial recognition feature allows custom notifications for unrecognized faces.



Customize notifications for specific individuals and detection types, ideal for monitoring family members.

Notifications That Matter

Facial recognition allows custom notifications to alert you only when an unrecognized face is detected. Reduce overall notifications to the ones that matter.



Facial recognition allows custom notifications to alert only when an unrecognized face is detected, reducing overall notifications.

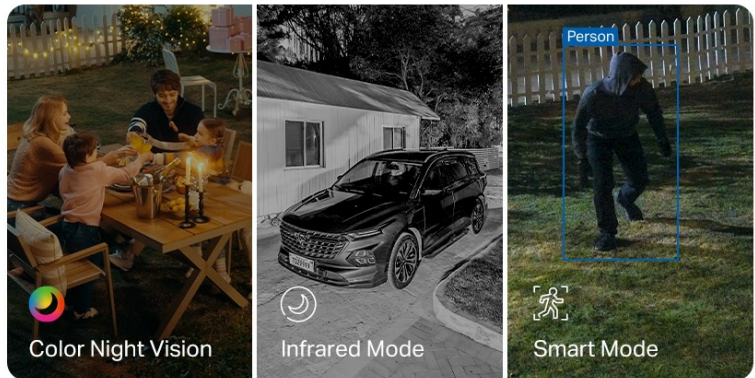
• Night Vision Modes

The camera offers versatile night vision options:

- **Infrared Mode:** Provides clear black-and-white video in low-light conditions.
- **Full-Color Mode:** Utilizes built-in spotlights and a starlight sensor to capture full-color video even in very dim environments.
- **Smart Auto Mode:** Automatically switches to color night vision when motion is detected, combining the benefits of both modes.

Versatile Night Vision Modes

Choose from vibrant full-color with spotlights, discreet black-and-white infrared, or an automatic Smart Mode based on AI detection for optimal clarity in any nighttime scenario.



Comparison of Color Night Vision, Infrared Mode, and Smart Mode for versatile nighttime monitoring.

• Privacy Zones and Mode

Define specific areas within the camera's view as Privacy Zones to exclude them from recording. The camera also features a physical lens-blocking Privacy Mode for complete privacy when needed.

Create Custom Activity Zones

Precisely define specific areas within the camera's field of view that you deem important, ensuring you only receive notifications when motion or events are detected within those designated areas.



Precisely define specific areas within the camera's field of view that you deem important for notifications.

Maintain Privacy: Define Hidden Zones

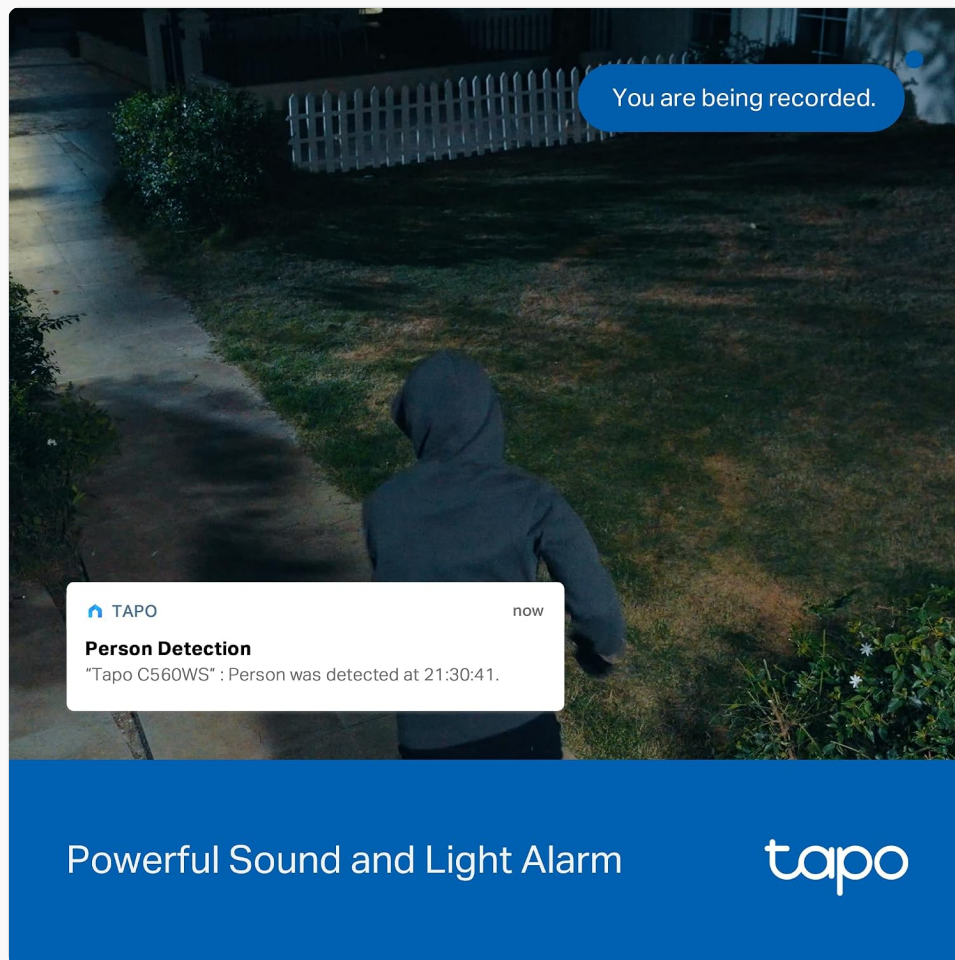
Protect your personal space by creating custom privacy zones. Exclude sensitive areas from recordings and live views, giving you complete control over what is captured.



Illustration of defining hidden zones to protect personal space and exclude areas from recording.

- **Two-Way Audio and Alarm**

Use the built-in microphone and speaker to communicate with visitors or deter unwanted guests directly through the Tapo app. The camera also features a powerful sound and light alarm to deter intruders.



The camera can activate a powerful sound and light alarm to deter unwanted activity.

- **Storage and Playback**

Recordings can be stored locally on a microSD card (up to 512GB) or via the Tapo Care cloud service (subscription required). Use the Smart Playback feature in the app to view detailed event records and quickly find moments of interest.



Local and Cloud Storage

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The camera supports both local storage via microSD card and cloud storage options.

Smart Playback

View smart play back with detailed face and event records. Quickly find moments of interest by choosing event type or sliding the timeline.



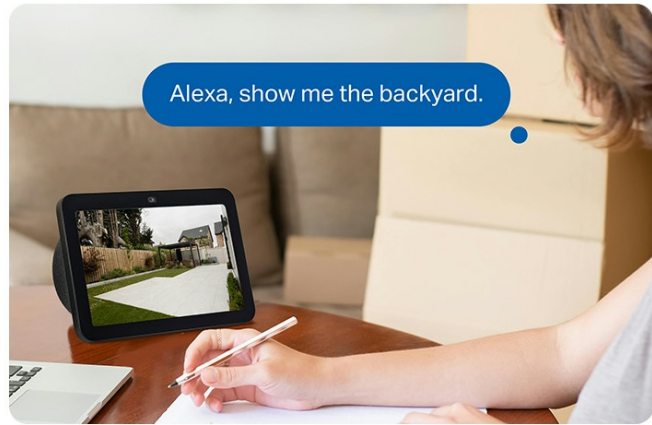
Smart Playback allows viewing detailed event records and easy navigation through the timeline.

• Smart Home Integration and Sharing

The Tapo C560WS works with Amazon Alexa and Google Home. Use voice commands to view your camera feed on compatible smart displays. You can also easily share access to your Tapo devices with loved ones through the app.

Pair with Smart Assistants

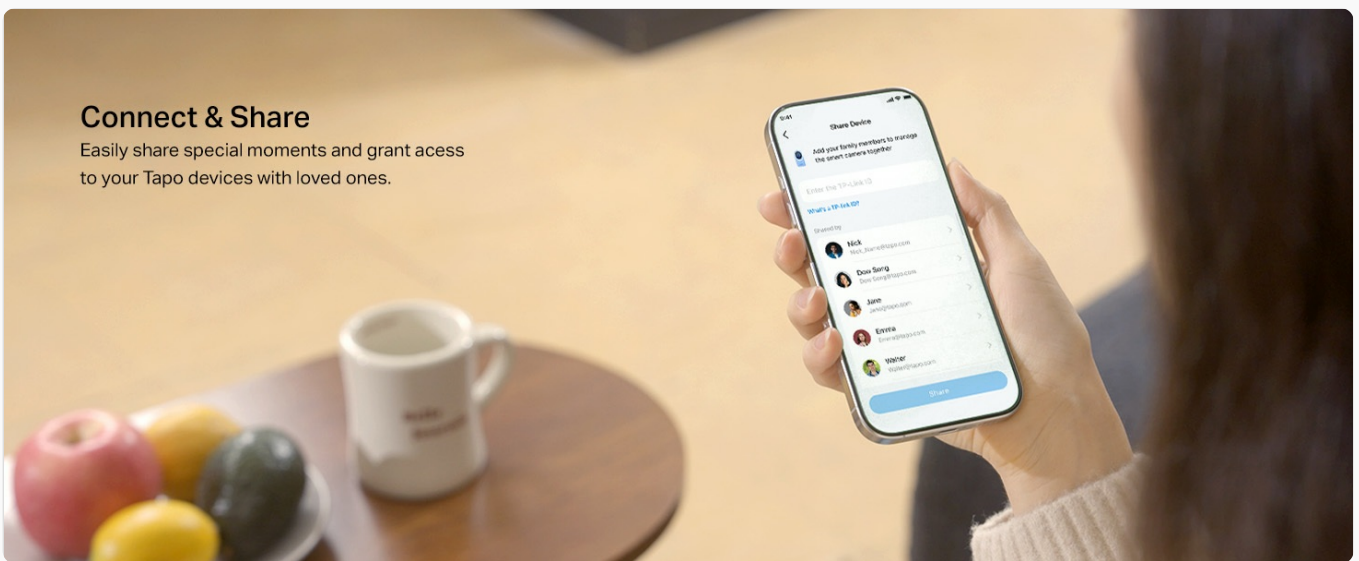
Use voice commands with Amazon Alexa and Google Assistant for hands-free control.



The camera can be paired with smart assistants like Amazon Alexa and Google Home for voice control.

Connect & Share

Easily share special moments and grant access to your Tapo devices with loved ones.



Easily share special moments and grant access to your Tapo devices with loved ones.

MAINTENANCE

• Cleaning the Camera

Regularly clean the camera lens and body with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners that could damage the surface or lens coating.

• Firmware Updates

Keep your camera's firmware updated through the Tapo app. Firmware updates often include performance improvements, new features, and security enhancements.

• Weather Protection

While the camera is IP66-rated for weather resistance, ensure all cable connections are properly sealed, especially for outdoor installations, to prevent water ingress.



The camera's IP66 rating ensures protection against dust and heavy rain, as shown in various weather conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline/Cannot connect to Wi-Fi	Weak Wi-Fi signal, incorrect Wi-Fi password, camera too far from router, router issues.	• Ensure camera is within Wi-Fi range. • Verify Wi-Fi password in the Tapo app. • Restart your router and the camera. • Try setting up the camera closer to the router initially.
No recordings on microSD card	SD card not inserted correctly, card not formatted, card full, recording settings disabled.	• Check if the microSD card is properly inserted. • Format the SD card via the Tapo app. • Ensure continuous recording or motion detection recording is enabled in settings. • Check if the SD card is full; consider replacing or backing up data.
Motion detection alerts not received	Detection sensitivity too low, activity zones not set correctly, app notifications disabled.	• Adjust motion detection sensitivity in the Tapo app. • Review and reconfigure activity zones. • Ensure app notifications are enabled for the Tapo app on your phone.
Poor image quality	Dirty lens, low light conditions, network bandwidth issues.	• Clean the camera lens gently. • Ensure adequate lighting for optimal image quality, especially at night. • Check your internet speed and Wi-Fi signal strength.

SPECIFICATIONS

Feature	Detail
Model Name	Tapo C560WS
Indoor/Outdoor Usage	Indoor, Outdoor
Video Capture Resolution	4K (8MP Effective Still Resolution)
Connectivity Technology	Wired, Wireless (Wi-Fi 2.4 GHz & 5 GHz)
Power Source	Corded Electric (5V/2A power supply)
Controller Type	Amazon Alexa, Android, Google Assistant, Tapo App
Mounting Type	Wall Mount
Special Features	2-Way Audio, HD Resolution, Local Recording, Motion Sensor, Night Vision, Pan/Tilt, AI Detection (Person/Vehicle/Pet/Facial)
Storage Options	microSD Card (up to 512GB), Cloud Storage (Tapo Care)

Feature	Detail
Water Resistance Level	IP66 Weatherproof
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Dimensions (L x W x H)	8.27 x 6.3 x 5.71 inches
Item Weight	12.3 ounces
Manufacturer	TP-Link
UPC	840460601214

WARRANTY AND SUPPORT

For detailed warranty information, technical support, and frequently asked questions, please visit the official Tapo support website. You can find contact information and resources for troubleshooting and product assistance there.

Manufacturer: TP-Link

Online Support: [Visit Tapo Support Website](#)

Legal Disclaimer: microSD Card purchased separately. Subscribe for cloud storage through the Tapo Care page on the Tapo site. Scanning and cruising times are limited every day.

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This manual is for informational purposes only. Specifications are subject to change without notice.

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