



User Guide

Outdoor Security Wi-Fi Camera Tapo C320WS

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About This Guide

This guide provides a brief introduction to the Outdoor Security Wi-Fi Camera and the Tapo app, as well as regulatory information.

Please note that features available in Tapo may vary by model and software version. Tapo availability may also vary by region or ISP. All images, steps, and descriptions in this guide are only examples and may not reflect your actual Tapo Camera experience.

Conventions

In this guide, the following convention is used:

Convention	Description
Blue	Key information appears in teal, including management page text such as menus, items, buttons and so on.
<u>Underline</u>	Hyperlinks are in teal and underlined. You can click to redirect to a website.
📌Note:	Ignoring this type of note might result in a malfunction or damage to the device.

More Info

- Specifications can be found on the product page at <https://www.tapo.com>.
- Our Technical Support and troubleshooting information can be found at <https://www.tapo.com/support/>.
- The setup video and waterproof cable attachments video can be found at <https://www.tp-link.com/support/setup-video/>.

Introduction

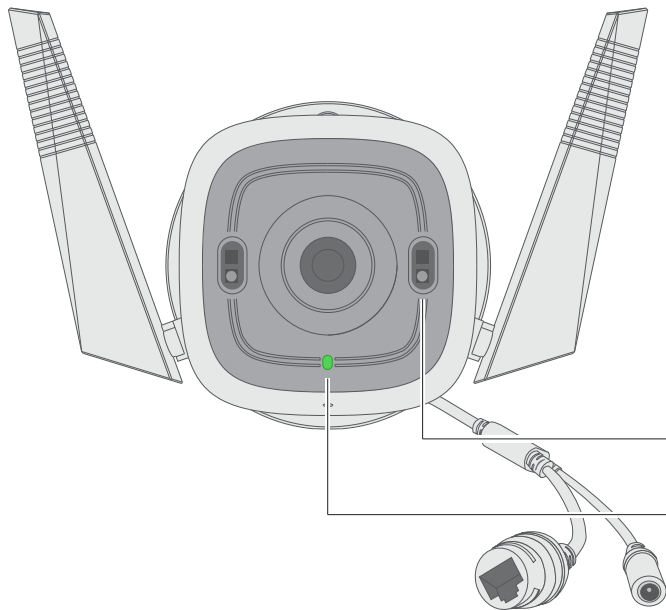
Tapo C320WS is a full-featured weatherproof security camera that you can access from anywhere. Receive instant notifications and check feeds when the motion is detected. Moreover, the automatic siren system will trigger light and sound to frighten away unwanted visitors after the camera detects motion. Day or night, rain or shine, the Tapo camera protects what you love most.

- **3MP High Definition** – Delivers high resolution video helping you never miss a detail.
- **Wired or Wireless Networking** – Connect the camera to your network through Ethernet or Wi-Fi for more flexible installation.
- **Weatherproof** – Helps Tapo C320WS perform well even in harsh environments with rain and dust.
- **Night Vision** – Provides a visual distance of up to 98 ft (30m) even in total darkness to always keep you safe.
- **Two-Way Audio** – Communicate with others with the built-in microphone and speaker.
- **Local Storage (up to 256 GB)** – Stores 3MP video directly to a local microSD card, offering convenient access to your video footage.

*microSD card needs to be purchased separately.

Appearance

Front Panel



Bottom Panel

MIC

MicroSD Card Slot

Insert a microSD card for local recording

RESET

Hold for 5 seconds to reset the camera

Speaker



■ **White Light LED** ■ **IR LED**

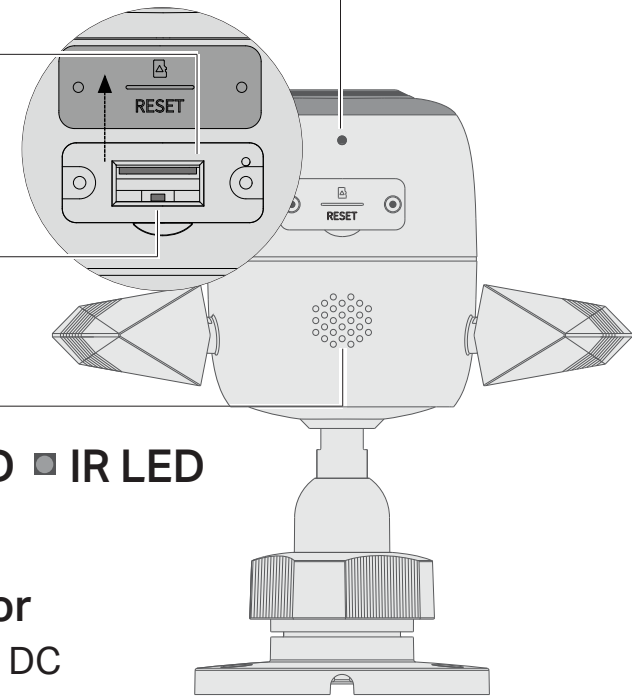
System LED

DC Power Connector

Used to connect to a 9V DC power adapter

Ethernet Port

Used to connect to a network device



System LED Description



Solid red	Starting up
Blinking red and green	Ready for setup
Blinking red slowly	Connecting to Wi-Fi
Solid amber	Connected to Wi-Fi
Solid green	Connected to TP-Link Cloud server
Blinking red quickly	Camera resetting
Blinking green quickly	Camera updating

Set Up Your Camera

Follow the steps below to get started with your new camera, or you can follow the setup video at <https://www.tp-link.com/support/setup-video/>.

Step 1. Download Tapo App

Get the [Tapo](#) app from the Apple App Store or Google Play, or by scanning the QR code below.

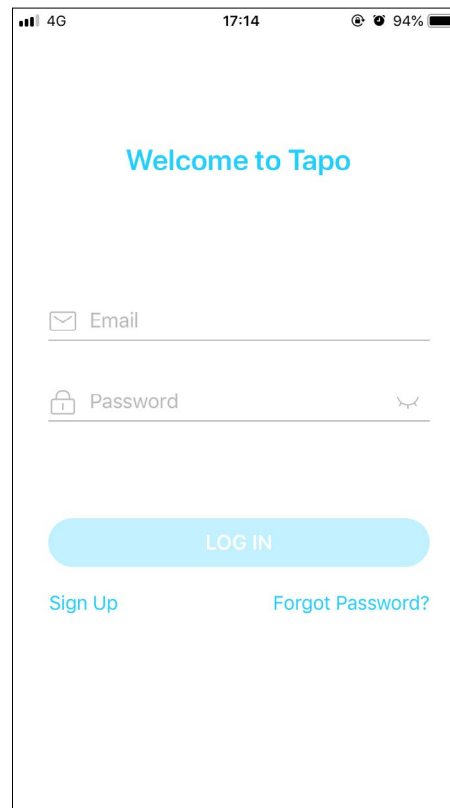


OR



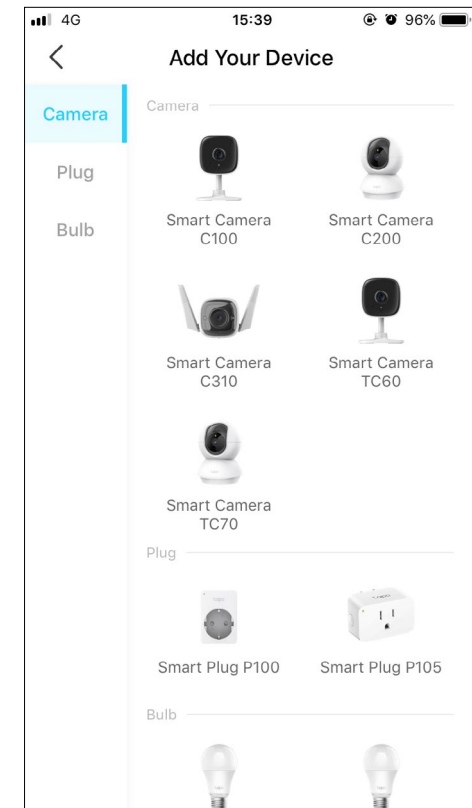
Step 2. Log In

Open the app, and log in with your TP-Link ID. If you don't have an account, create one first.



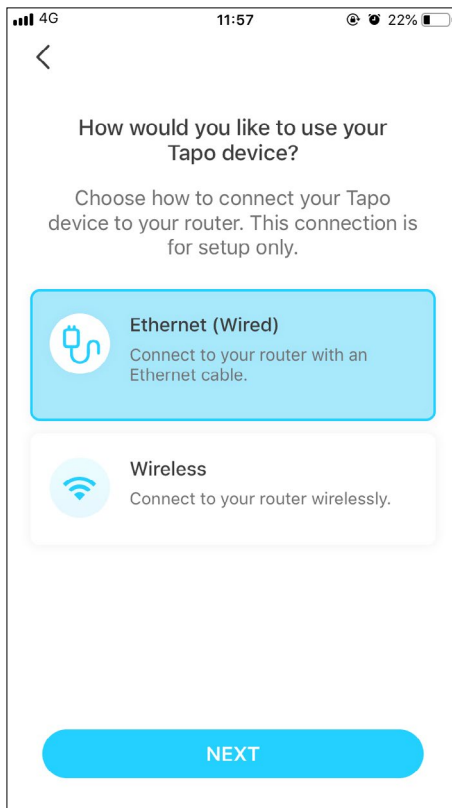
Step 3. Add Your Camera

Tap the ⊕ button in the app and select your model.



Step 4. Configure Camera

Follow app instructions to set up your camera via wired or wireless connection, and add it to your home network.

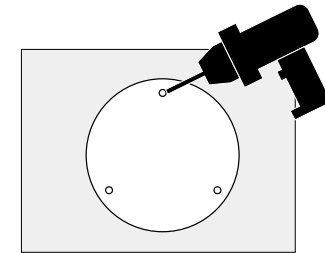


Step 5. Place Camera

Place your camera on a flat surface, or install it on a wall or ceiling with the provided mounting template and screws.

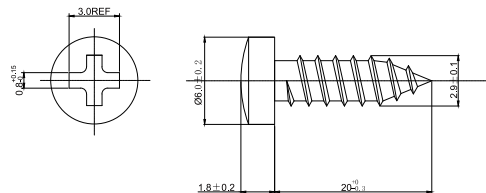
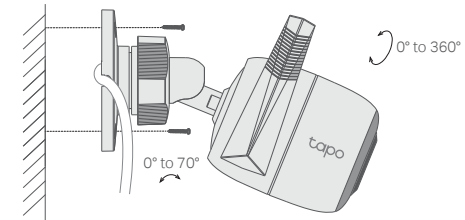
1. Drill Holes

Stick the mounting template to the desired mounting place. Drill 3 screw holes according to the template.



2. Mount Camera

Insert three anchors into the holes and use the screws to affix the camera over the anchors.

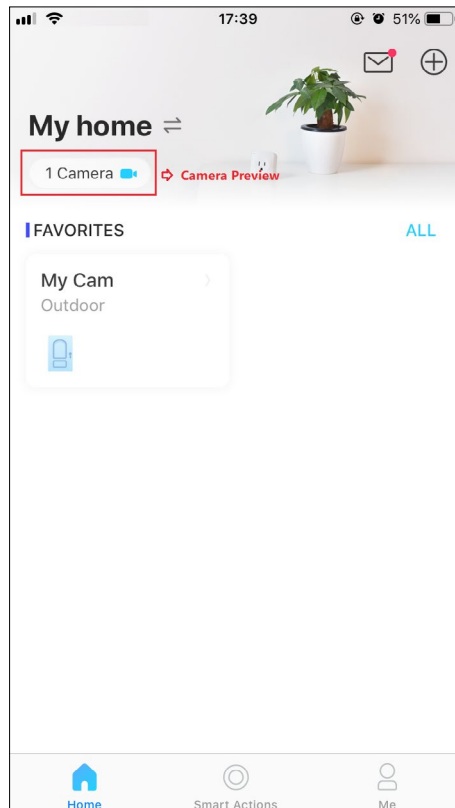


Main Camera Controls

After you successfully set up the camera, you will see your camera listed on the home page. You can view and manage your camera from anywhere at any time with the Tapo app.

Home Page

This page lists all your cameras you've added and you can view them directly and manage them easily. Tap the camera or go to [Camera Preview](#) > [Manage](#) to enter the [Live View](#) page.



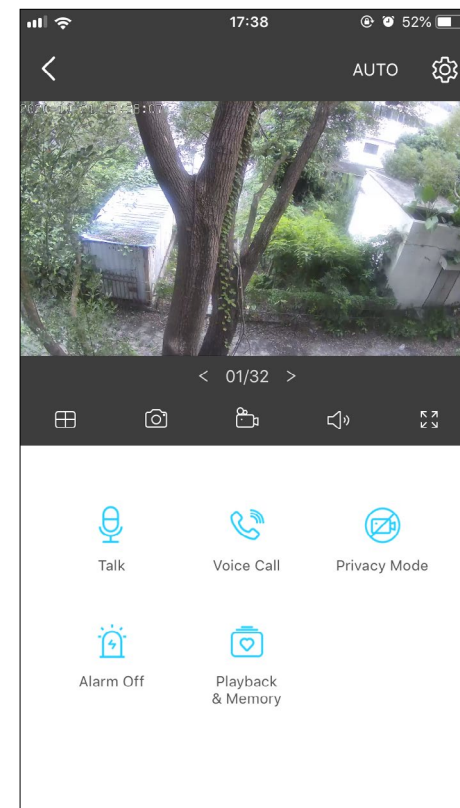
Live View

[Talk](#) or [Voice Call](#): Communicate with loved ones


[Privacy Mode](#): Enable to temporarily shut down the surveillance for privacy

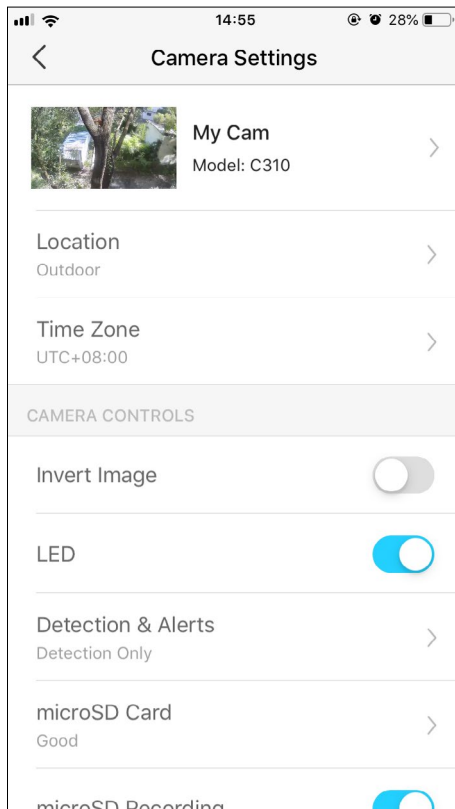
[Alarm On/Off](#): Turn on to get noticed when motion detected

[Playback & Memory](#): Check all recordings and saved moments



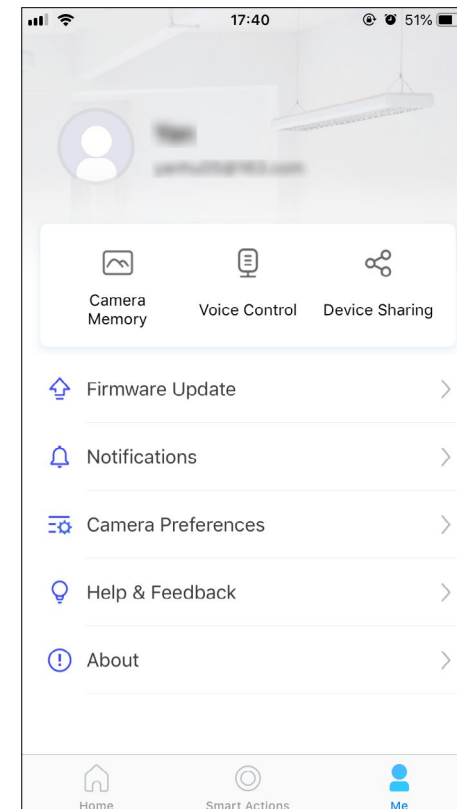
Camera Settings

On [Live View](#) page, tap  to enter the [Camera Settings](#) page. You can change the settings of your camera to meet various needs, such as change your camera name, customize detection settings and recording schedules, turn on or off notifications, set activity zones, etc.



Me

On this page, you can edit your account, quickly check the memorable moments you saved, or find the FAQs of using smart camera and basic info related to the Tapo app.

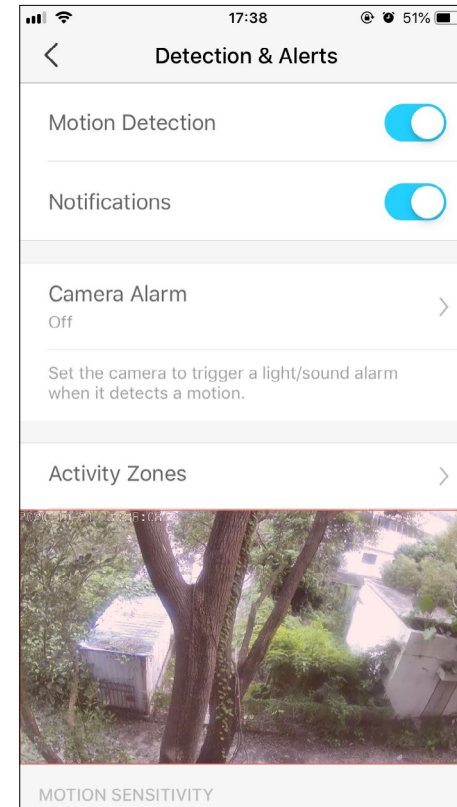
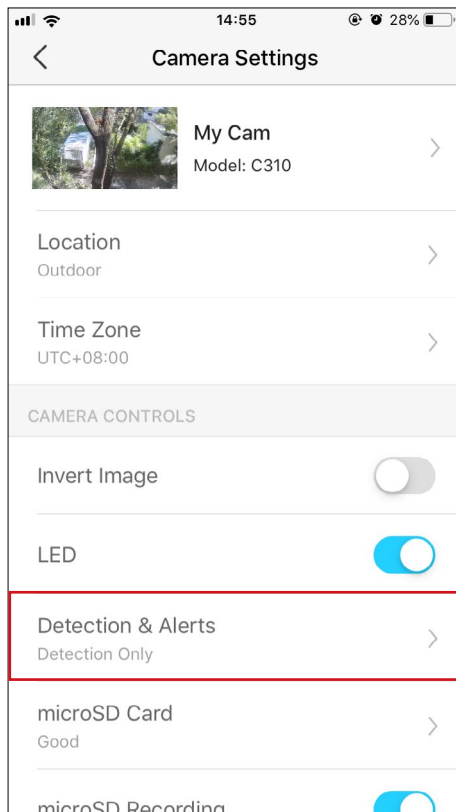


Motion Detection

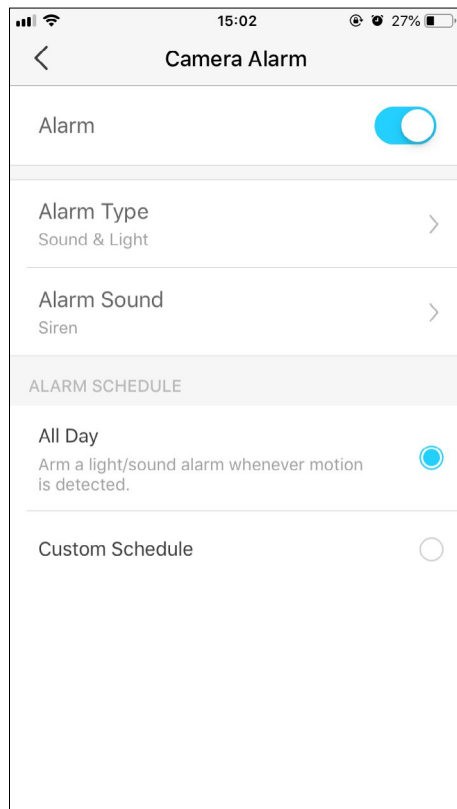
With motion detection, the Tapo app alerts you of activity that matters and sends notifications straight to you when motion detected. Insert a microSD card to record the clips when motion detected. Otherwise, you can only receive the notifications.

■ **Note:** Initialize the SD card on the app before using it.

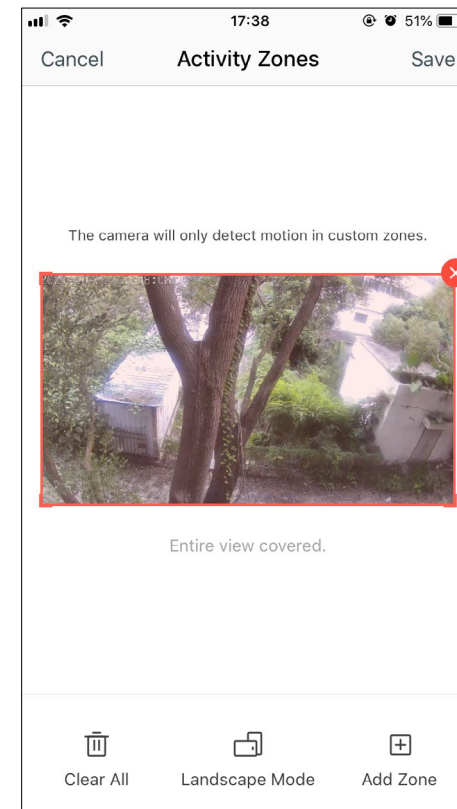
1. Go to [Camera Settings](#) page and tap [Detection & Alerts](#) to customize its current detection settings.
2. On the [Detection & Alerts](#) page, enable the [Motion Detection](#) function. It's recommended to enable the [Notifications](#) function to receive motion detection messages.



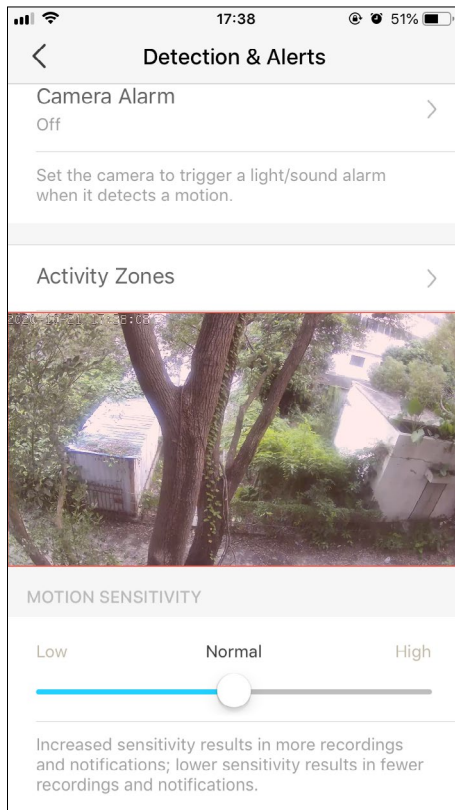
3. Customize **Camera Alarm** settings. Choose **Alarm Type** (Sound/Light) and **Alarm Sound** (Siren/Tone), and set **Alarm Schedule** as needed.



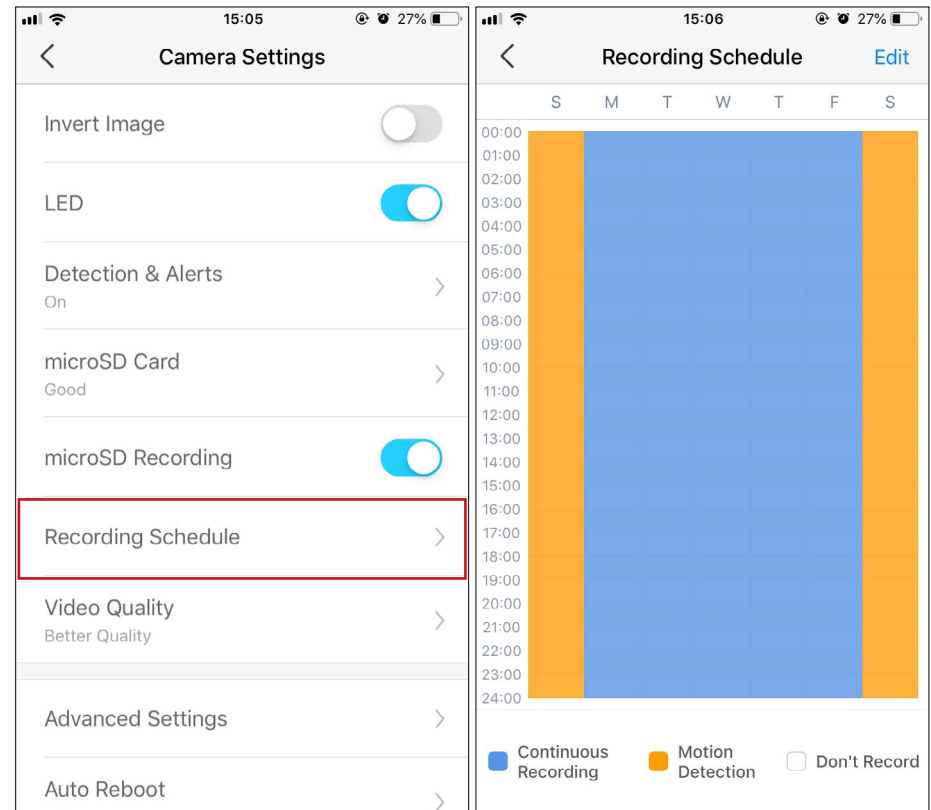
4. Customize **Activity Zones** and the camera will only detect motion in custom zones. Entire view is covered by default.




5. Adjust [Motion Sensitivity](#) (Low/Normal/High) as needed. Increased sensitivity results in more recordings and notifications.

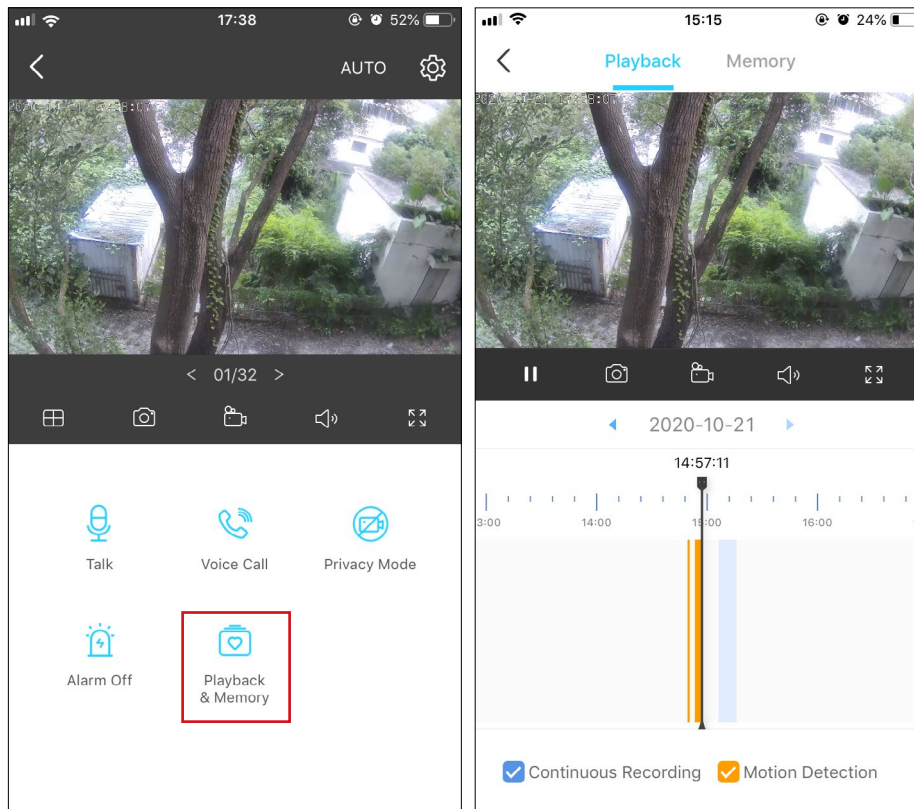


6. After editing the detection settings for the camera, you can set the [Recording Schedule](#) for the motion detection.



7. On the [Live View](#) page, tap  to find all recordings. The orange sections are recordings for motion detection.

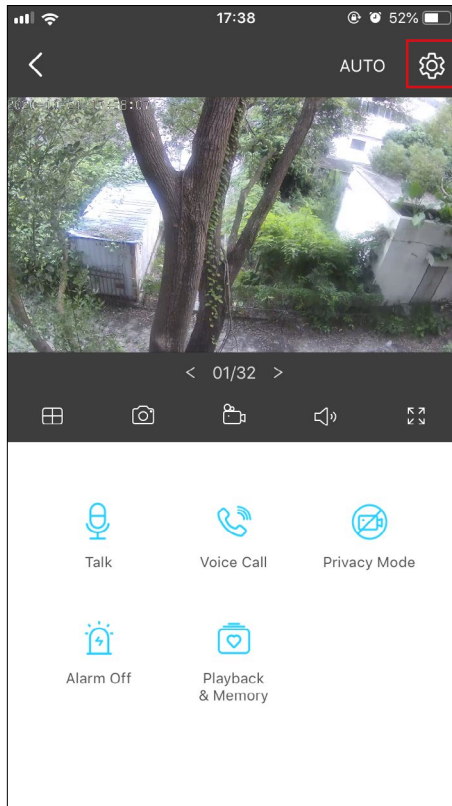
Note: The microSD card is needed for recordings. Initialize the SD card on the app before using it.



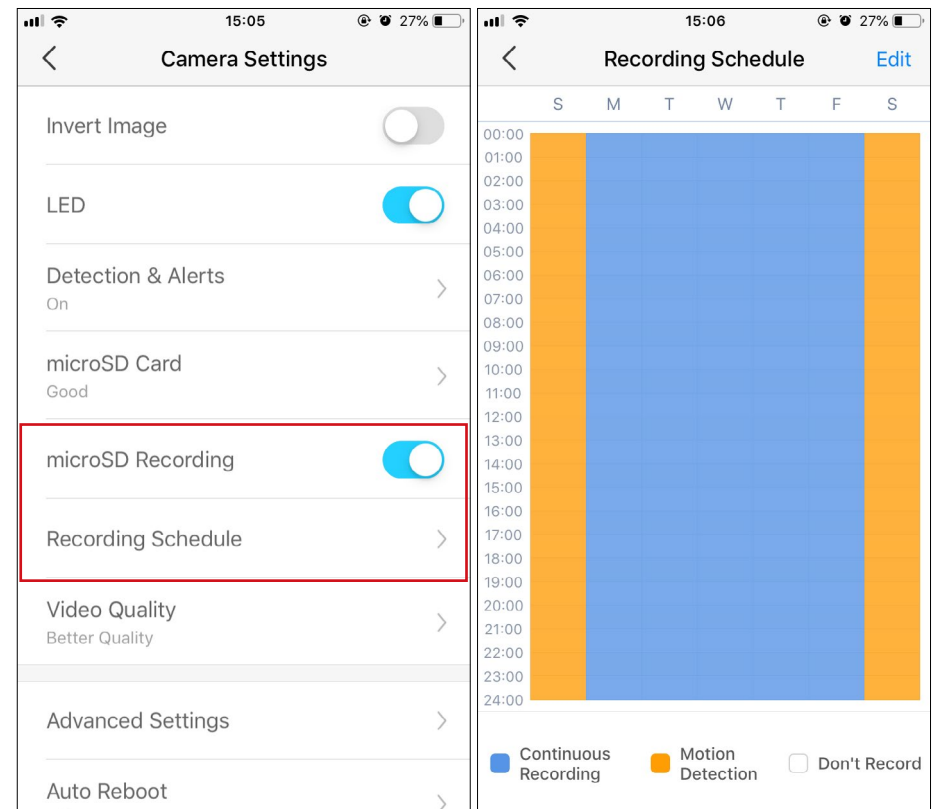
24-hour Recordings


The microSD card is needed for 24-hour recording and it's suggested to initialize the SD card on the app before using it.

1. On the [Live View](#) page, tap  to enter the [Camera Settings](#) page.

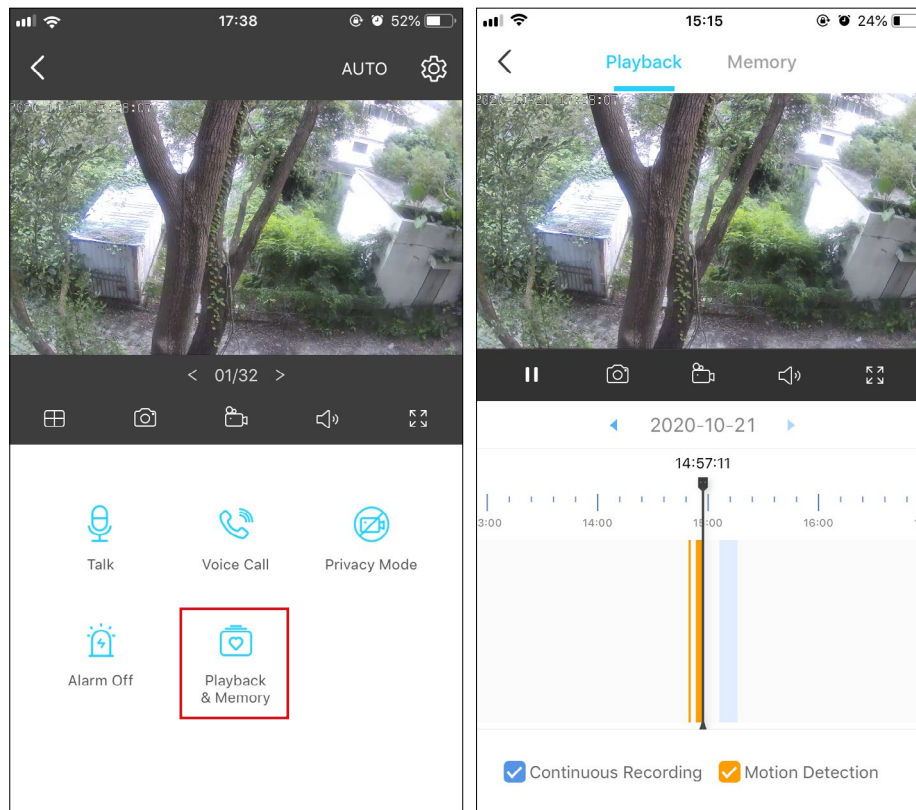


2. Toggle on to enable the [microSD Recording](#) function and set the [Recording Schedule](#) for [Continuous Recording](#) (24-hour Recording) as needed.




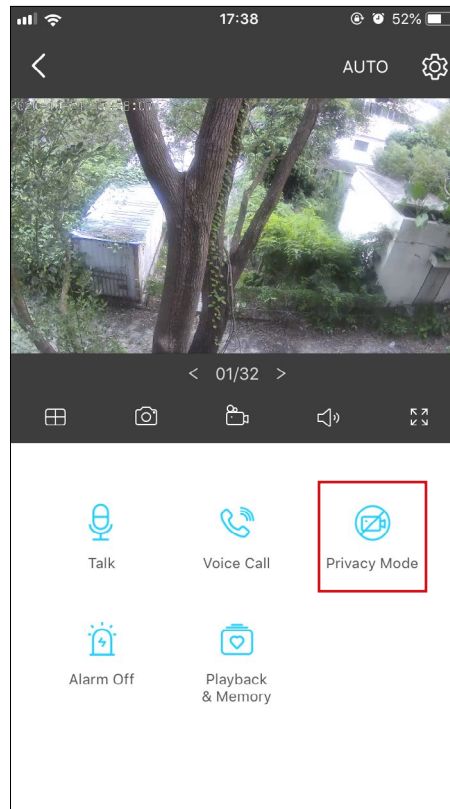
3. On the [Live View](#) page, tap  to find all recordings. The blue sections mean continuous recording.

Note: The microSD card is needed for recordings. Initialize the SD card on the app before using it.



Privacy Mode

On the [Live View](#) page, tap  to enable the Privacy Mode. When enabled, streaming and recording functions will be temporarily disabled to protect your privacy.



CE Mark Warning



Model number : Tapo C320WS
Adaptor : T090060-2C1

This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

OPERATING FREQUENCY (the maximum transmitted power)

2412MHz—2472MHz (20dBm)

EU Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at <https://www.tp-link.com/en/ce>

RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.

Restricted to indoor use.

Canadian Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage;
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)

Korea Warning Statements:

당해 무선설비는 운용중 전파혼신 가능성이 있음.

NCC Notice

注意!

依據 低功率電波輻射性電機管理辦法

LP0002低功率射頻器材技術規範_章節3.8.2

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

安全諮詢及注意事項

- 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。
- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。

- 請不要私自打開機殼，不要嘗試自行維修本產品，請由授權的專業人士進行此項工作。

限用物質含有情況標示聲明書

設備名稱：Outdoor Security Wi-Fi Camera				型號（型式）：Tapo C320WS		
Equipment name				Type designation (Type)		
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ⁺⁶)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供應器	○	○	○	○	○	○
其他及其 配件	—	○	○	○	○	○
備考 1. “超出 0.1 wt %” 及 “超出 0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值 Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.						
備考 2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.						
備考 3. “—” 係指該項限用物質為排除項目。 Note 3: The “—” indicates that the restricted substance corresponds to the exemption.						




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що передбачені чинними законодавчими актами України.






Safety Information

- Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended
- Do not use the device where wireless devices are not allowed.
- Adapter shall be easily accessible.
-  Use only power supplies which are provided by manufacturer and in the original packing of this product. If you have any questions, please don't hesitate to contact us.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

Explanation of the symbols on the product label

Symbol	Explanation
	DC voltage
	Indoor use only
	RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.