tp-link 2BCGWC220 Pan Tilt AI Home Security Wi-Fi Camera User Guide

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Contents

About This Guide

This guide provides a brief introduction to the Pan/Tilt AI Home Security Wi-Fi Camera and the Tapo app, as well as regulatory information.

Please note that features available in Tape may vary by model and software version. Tape availability may also vary by region. Almagest, steps, an descriptions in this guide are only examples and may not reflect your actual Tape Camera experience.

Conventions
In this guide, the following convention is used:

Convention	Description
Blue	Key information appears in blue, including management page text such as menus, items, buttons and so on.
Underline	Hyperlinks are in blue 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 can be found at **https://www.tp-link.com/support/setup-video/#cloud-cameras.**
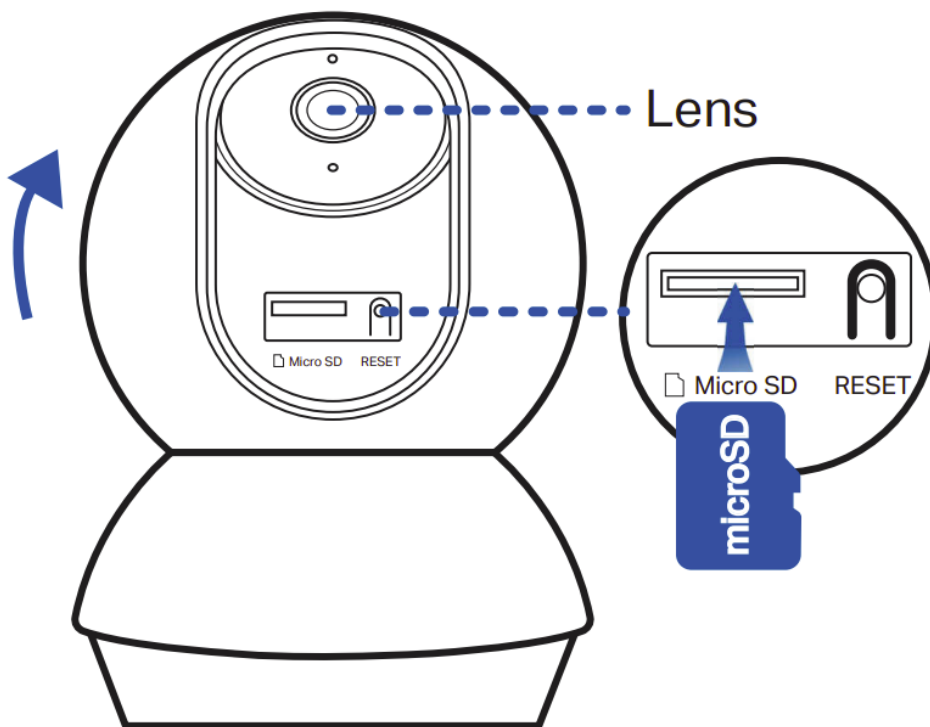
Introduction

When you are away home, there are always something you care about. This is where the smart camera functions. No matter your child is climbing the kitchen cabinet, or the pet is stealing snacks, the Pan/Tilt Ahom Security Wi-Fi Camera helps you stay with them anytime, anywhere. Receive a notification whenever your camera detects motion and see a video clip of this motion to check everything.

- **Smart AI Detection and Notification** — Smart AI identifies people, pets, and vehicles while also recognizing

abnormal sounds, notifying you as needed.

- **Motion Detection and Tracking** — Whenever a camera detects motion, it will automatically follow the subject.

- **2KQHD** —Now with 1.7 times more pixels than 1080p, providing clearer videos and photos.

- **Night Vision up to 30 ft** — Provides a visual distance of up to 30 ftin total darkness.

- **Local microSD Storage** — Store up to 512 GB of video ona microSD card.

  *microSD card purchased separately.

- Field of View – 360° horizontal range.

- **Two-Way Audio** – Communicate in real time through a built-in microphone and speaker.

- **Customizable Block Zones** – Set customizable block zones to keep private areas from being monitored.

- **Cloud Storage Supported** — Store videos by using cloud storage services.

  **Subscribe for cloud storage at https://www.tapo.com/tapocare/

- **Activity Zones** — Set up your own activity zones to only receive alerts that matter.

Appearance

System LED Indication

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 the cloud
Blinking red quickly	Camera resetting
Blinking green quickly	Camera updating

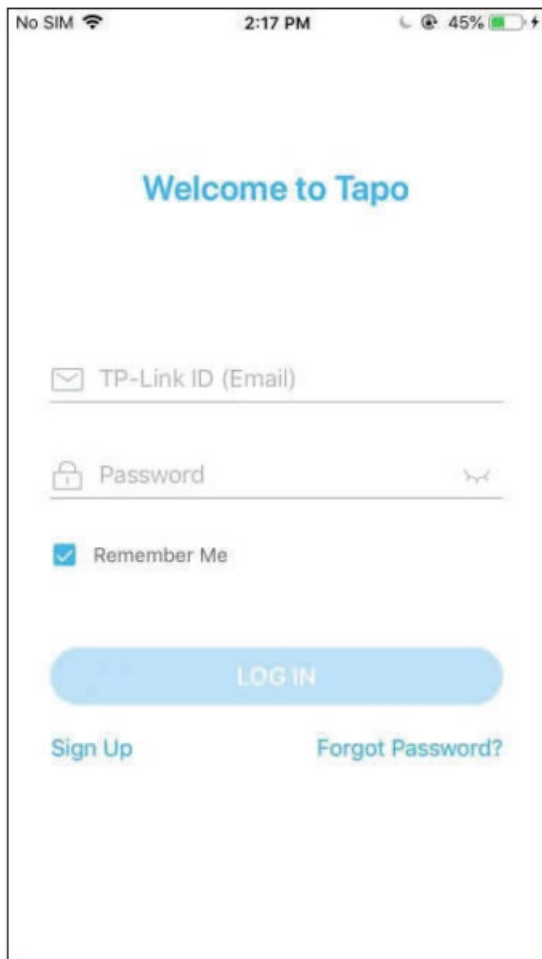## Set Up Your Camera

Step 1. Download Tapo App
Get the Tapo app from the App Store or Google Play, or by scanning the QR code below.
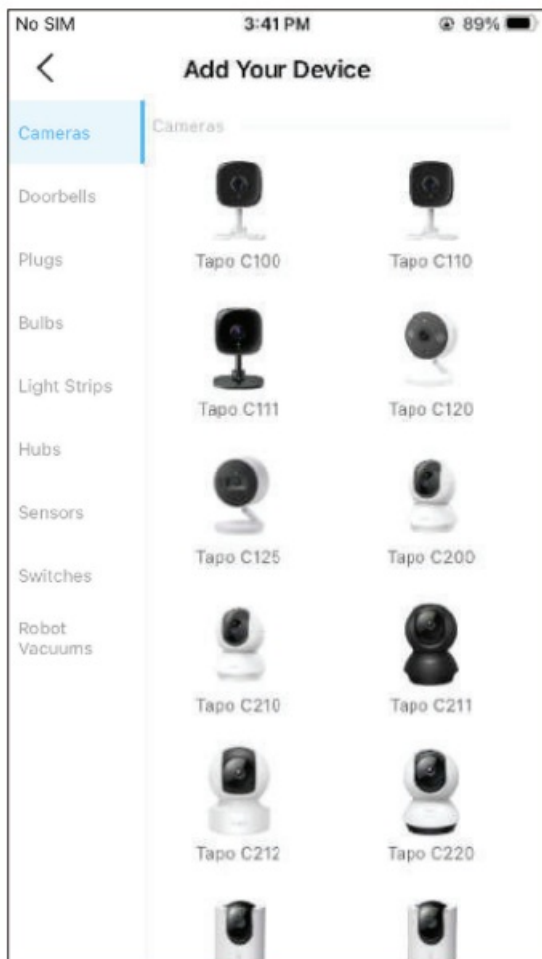

Step 2.Log In
Open the app, and log in with your TP-Link ID.
If you don't have an account, create one first.

Step 3. Add Your Camera
Tap the button in the app and select your model. Follow app instructions to complete the setup.

Set Up Using Amazon Frustration-Free Setup

What is Amazon Frustration-Free Setup?

Amazon Frustration-Free Setup can help connect and set up Tapo smart devices in fewer steps, without having to remember and re-enter your Wi-Fi password on each device.

To use this feature, confirm the following:

- The new Tapo device supports Amazon FFS.
- The new Tapo device is purchased from Amazon.
- You have an Amazon FFS enabled Alexa device or router.
- You have saved your Wi-Information to Amazon by using Alexa echo.
- Your Tapo device and router are on the same network as your Alexa echo.
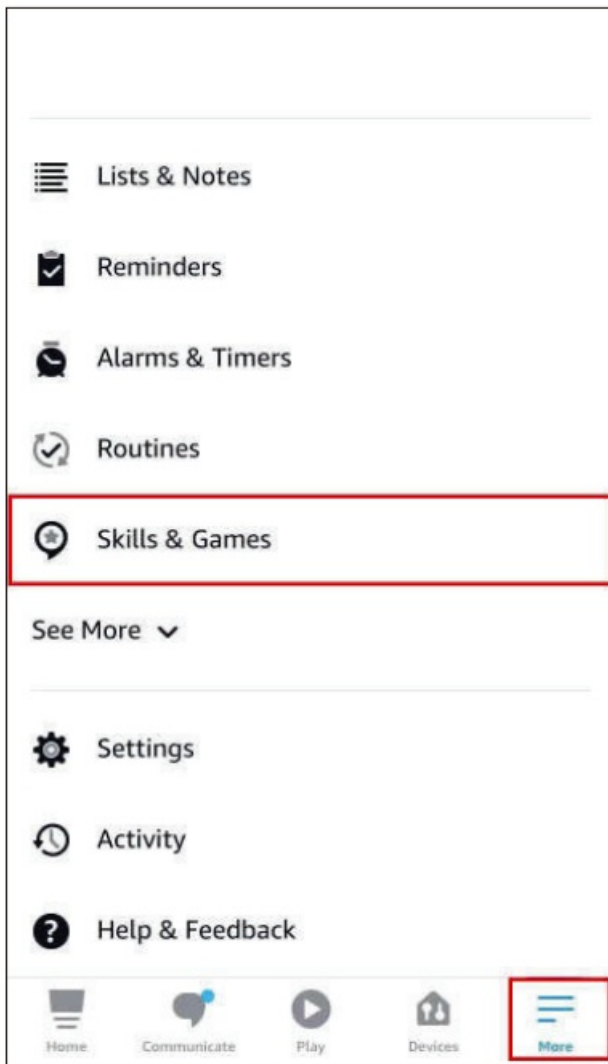
LED Indications during Amazon Frustration-Free Setup

LED	Status
Blinking red and green	Ready for setup
Blinking amber	FFS setup in progress
Solid green	Working properly

If the LED does not turn solid green after a long time, you can try to add the Tapo device manually. (Press the Reset button on your Tapo device once.
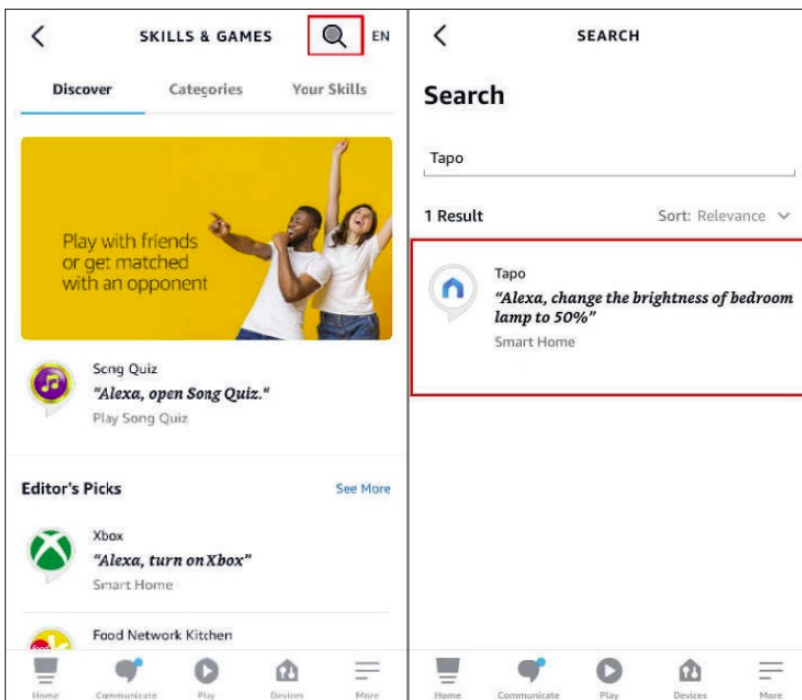
Then open the Tapo app, tap the + button on the page, select your device model, and follow the app instructions.)

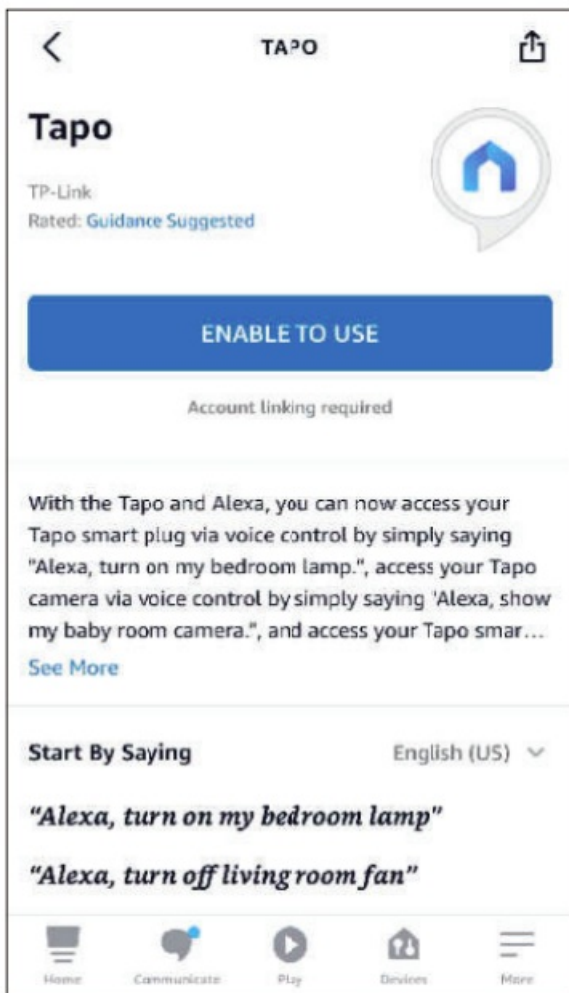**How to use Amazon Frustration-Free Setup with Tapo devices**

1. Open the Amazon Alexa app. Then tap More and select Skills & Games.
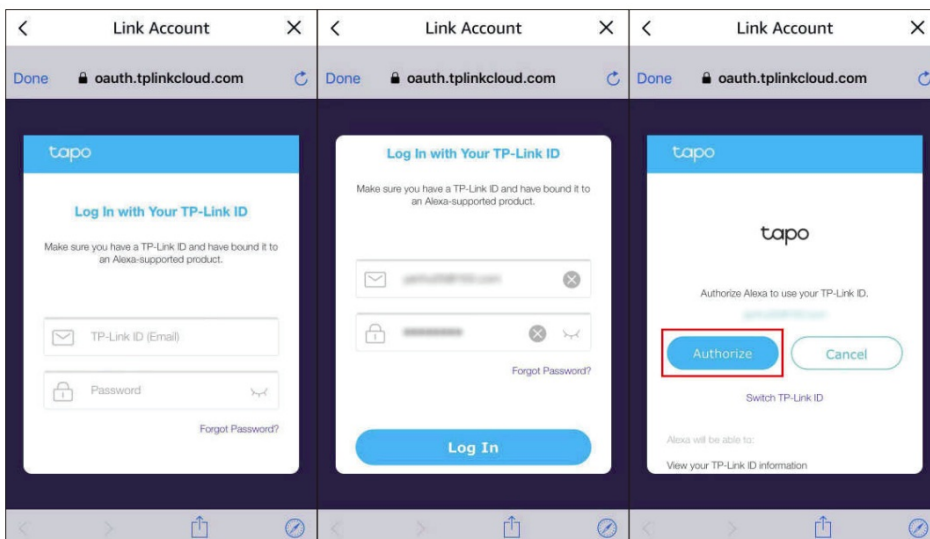
2. Inter Tapo in the search bar and choose Tapo.

3. Tap the ENABLE TO USE button.

4. Log in with your TP-Link ID that has bound to your Tapo device, and tap Authorize. After authorized successfully, the message Tapo has been successfully linked will come up.

5. Plug in your Tapo device and the setup will complete automatically in two minutes

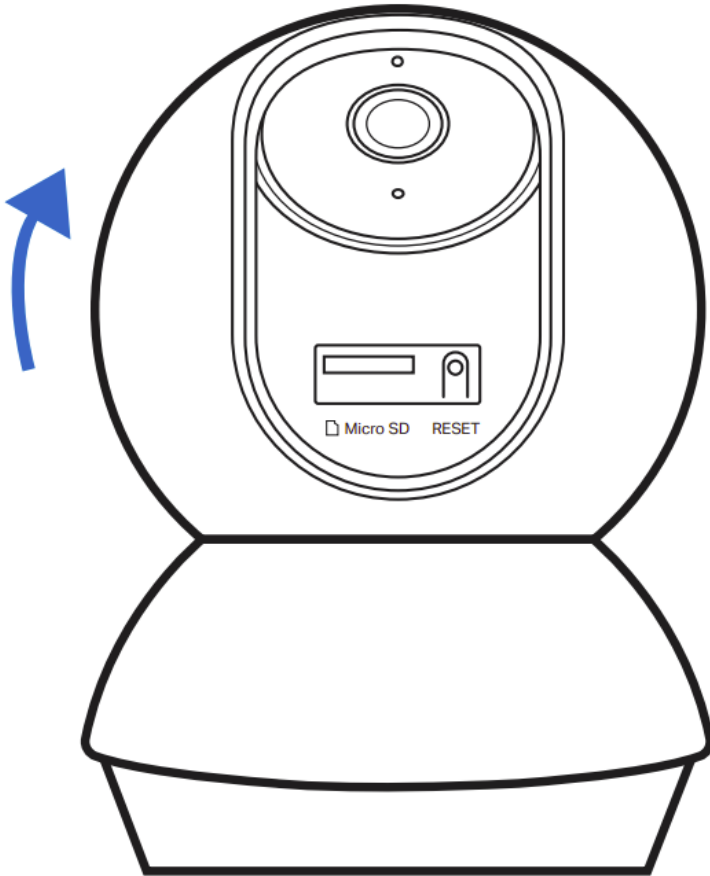For setting up more Tapo devices, just plug in and enjoy!

Done!
If this device displays on the Home page in the Tapo app, it indicates this device has been successfully associated with your Amazon account and Jjoined your Wi-Fi network automatically.

If this device does not display on the Home page in the Tapo app. try setting it up manually. (Tap the + button on the page, select your device model, and then follow the app instructions.)
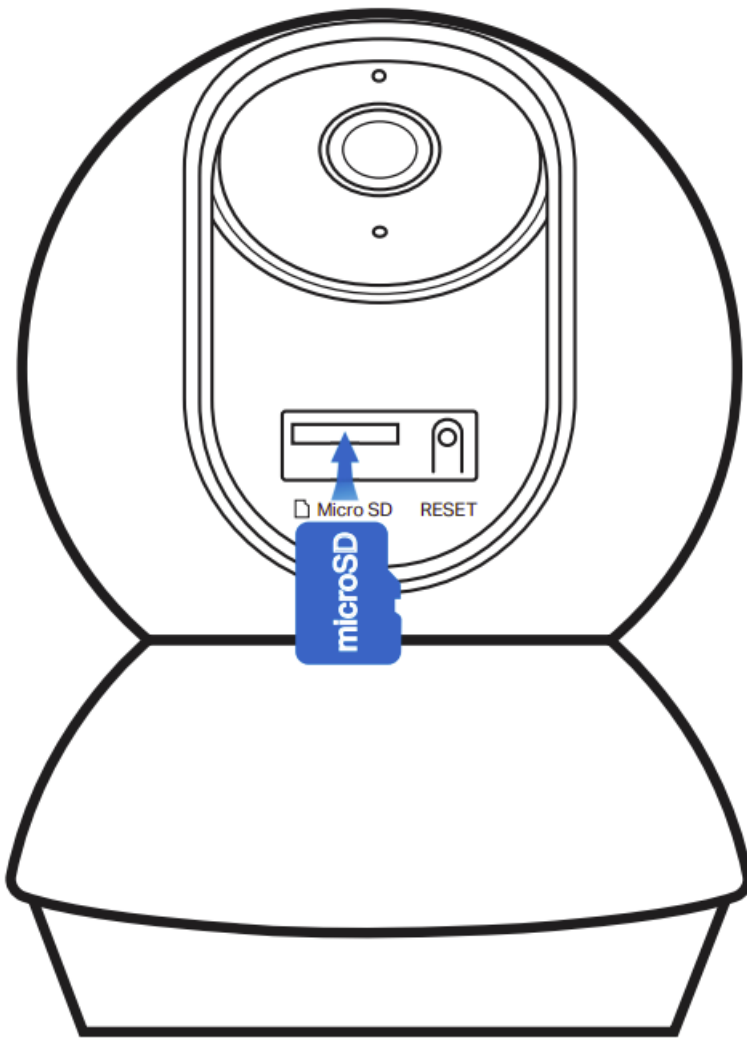
Install a microSD Card

Follow the steps below to install the microSD card for local recording.
You cango to Camera Settings > microSD Card in the Tapo app to check the card status or format your card.

1. Manually rotate the camera downwards and find the microSD card slot.

2. identify the direction of the microSD card and carefully insert the card into the slot. Push in the card until you hear a clicking sound.
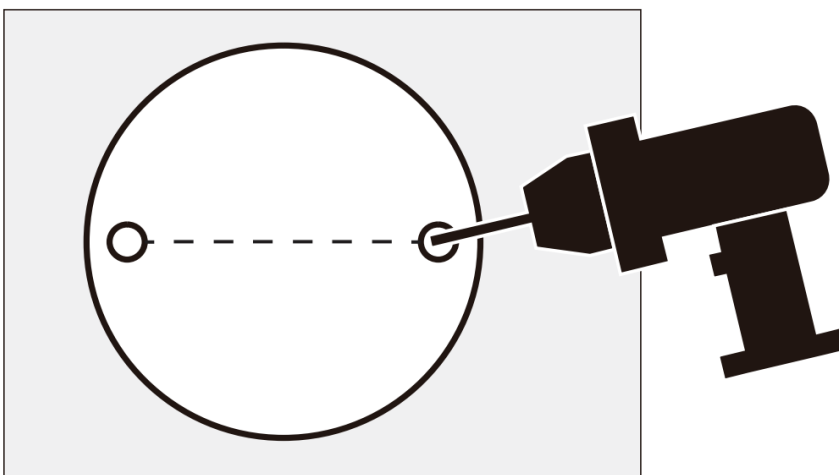
Mount Your Camera

When you finish adding your camera in the Tapo app, you can set it on a table or shelf. You can also mount it on a wall or ceiling with the provided mounting template and screws. Follow the steps below to mount your new camera or follow the setup video at **https://wwwitp-link.com/support/setup-video/#cloudcameras.**
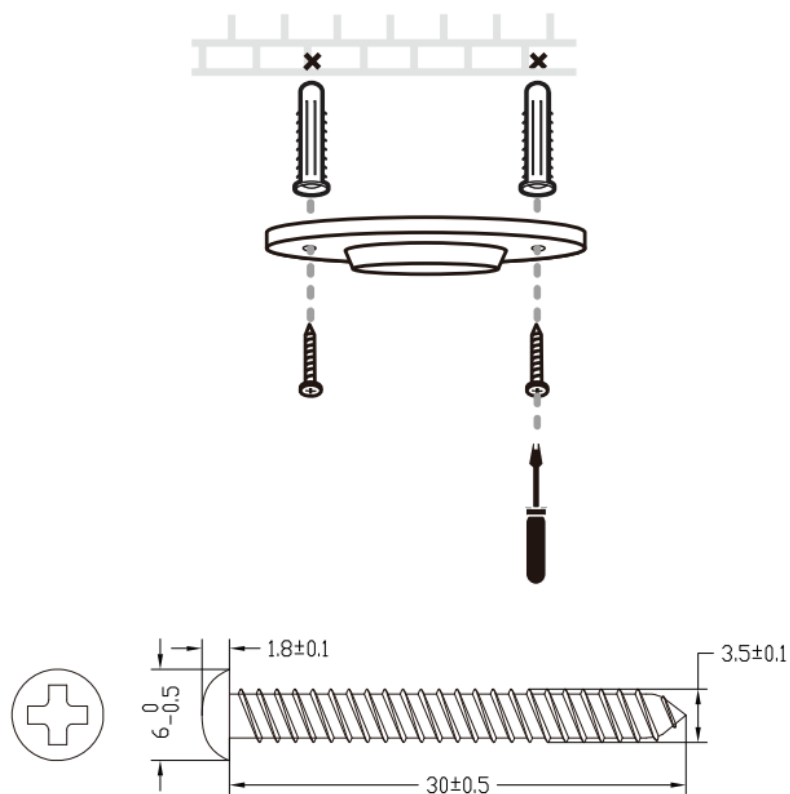
1. **Mark Position**

   Place the mounting template where you want the camera. For wall mounting, drill two holes through two

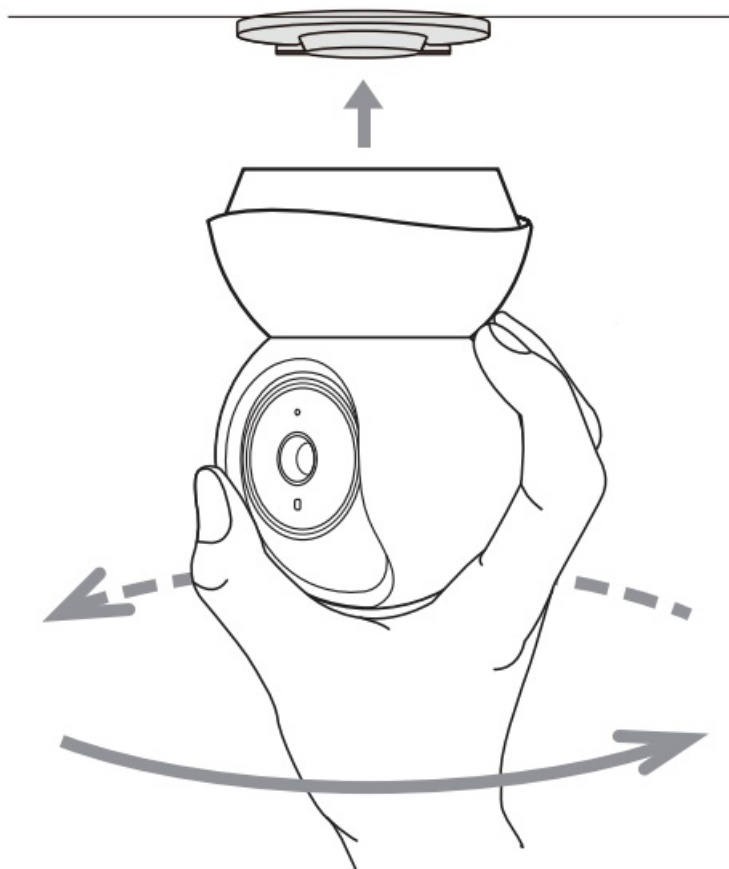   circles.

2. **Mount Base**

   Affix the camera base using the screws.

For wall mounting, insert two anchors into the holes and use the screws to affix the camera base over the anchors.

3. Secure Camera

Attach the camera on the base and rotate to secure the camera.
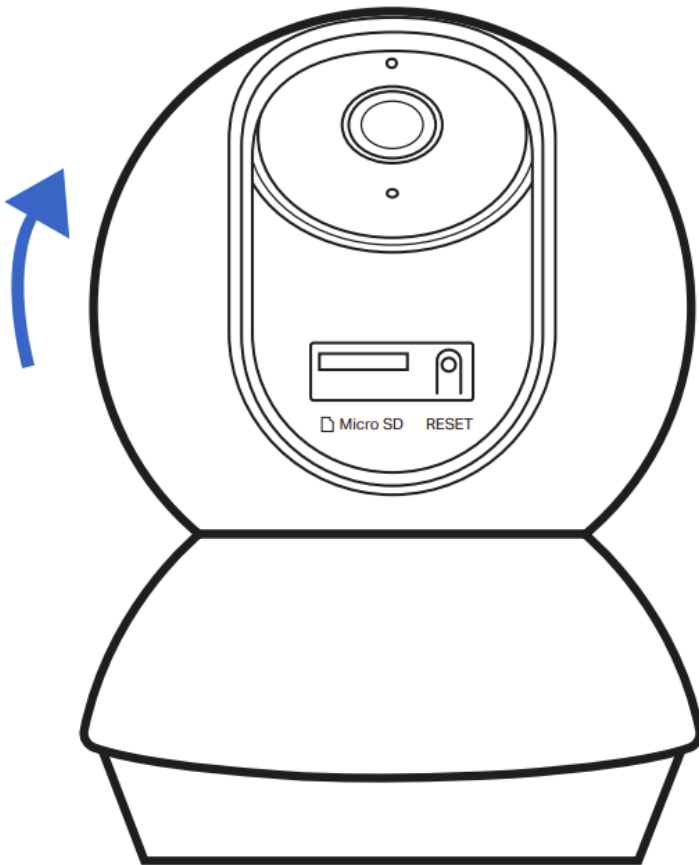

How to Reset Your Camera

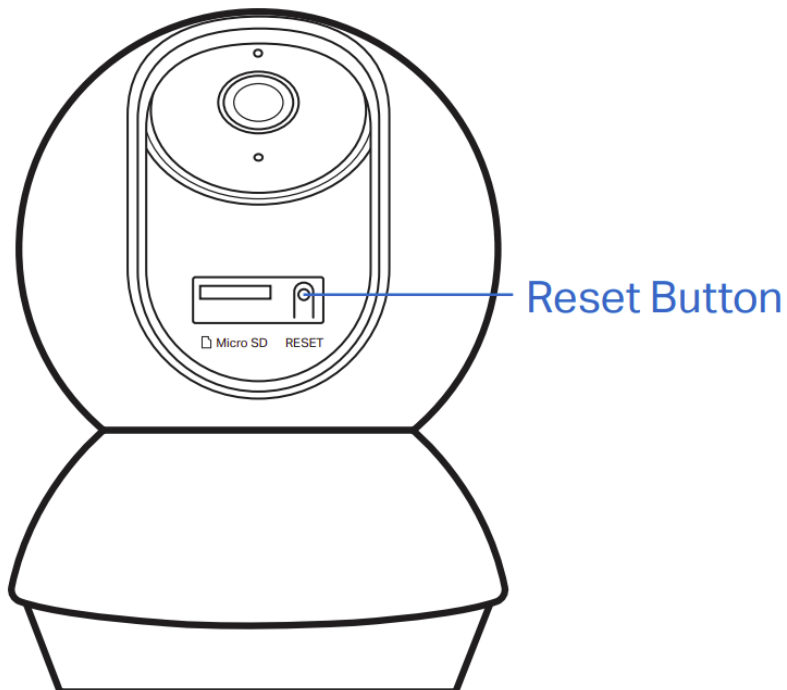Follow the steps below to reset your camera via the Reset button.

You can also go to Camera Settings in the Tapo app and tap Remove Device at the bottom to factory reset your camera.

1. Manually rotate the camera downwards to find the Reset button.

2. Press and hold the RESET button to reset the camera.
   - Press and hold for 5s until the LED blinks red slowly: Reset Wi-Fi settings only
   - Press and hold for 10s until the LED blinks red quickly: Reset to factory settings

Authentication

FCC compliance information statement

Product Name: Pan/Tilt Home Security Wi-Fi Camera
Model Number: Tapo C220

Component Name	Model
I.T.E. Power Supply	T090060-2B1

Responsible Party:
TP-Link USA Corporation
Address: 10 Mauchly, Irvine, CA 92618
Website: http://www.tp-link.com/us/
Tel: +1 626 333 0234
Fax: +1 909 527 6804
E-mail: sales.usa@tp-link.com

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

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

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer ignores pun sable for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter muster installed to provide a separation distance of at least 20 cm formal persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

We, TP-Link USA Corporation, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

FCC compliance information statement
Product Name: L.T.E. Power Supply
Model Number: T090060-2B1
Responsible Party:
TP-Link USA Corporation

Address: 10 Mauchly, Irvine, CA 92618
Website: **http://www.itp-link.com/us/**
Tel: +1 626 333 0234
Fax: +1 909 527 6804
E-mail: **sales.usa@tp-link.com**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
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This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

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

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

We, TP-Link USA Corporation, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

CE Mark Warning

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.tapo.com/en/support/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.

UKCA Mark

UK Declaration of Conformity
TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment

Regulations 2017.

The original UK Declaration of Conformity may be found at **https://www.tapo.com/support/ukcal/.**

Korea Warning Statements:

Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- 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 installed near the equipment and 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.
- For indoor use only.
- Do not disassemble, repair or modify the product.

- Do not use the product if the casing has been broken. Danger of electric shock.
- Never touch the product with wet hands.
- Do not expose to heavy rain or any type of moisture.
- Do not place near automatically controlled devices such as fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.
- Observe restrictions on using wireless products in fuel depots, chemical plants or when blasting operations are in progress.
- Do not use liquid to clean the product. Only use a dry cloth.
- Never put metal objects inside the product. If a metal object enters the product turn off the circuit breaker and contact an authorized electrician.
- This productids no tint ended to be used when providing medical care. Consultee manufacturer of any personal medical devices, succahs pacemakers or hearing aids to determine if they are adequality shielded from external RF (radio frequency) energy.
- Do not use this product in health care facilities. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.
- Do not use this product near water for example near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- The product should be kept free from excessive smoke, dust or high temperature and vibration.
- This product should not be exposed to direct sunlight
- Do not place heavy objects on top of the product.
- When you leave the product unused for a long time unplug the product from the power outlet.
- This product may interfere with other electronic products such as TV, radios, personal computers, phones or other wireless devices.
- Operating Temperature: 0 °C ~ 40°C (32°F ~ 104°F)

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

Symbols may vary from products

Symbol	Explanation
▣	Class II equipment
▣ (with functional earthing symbol)	Class II equipment with functional earthing
∿	Alternating current
- - -	DC voyage
◇-ⓒ-◈	Polarity of output terminals'

	Indoor use only
	Dangerous voltage
	Caution, risk of electric shock
VI	Energy efficiency Marking
	Protective earth
	Earh
	Frame or chassis
	Functionoid earthing
	Caution, hot surface
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)
N	Fuse
	Fuse is used in nutria N
	RECYCLING This product bears the elective sorting symbol for Waste electrician and electronics equipment (WEEE). This means that this product must be handed pursuant to European directive 2012/19/EU in order to be recyclized or dismantle 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 newelectrical or electronics equipment.

		Caution, avoid listening at high volume levels for long periods
		Disconnection, all power plugs
m		Switch of mini-gap construction
μ		Switch of micro-gap construction (for US version)Switch of micro-gap / micro-disconnection construction (for other versions except US)
ε		Switch without contact gap (Semiconductor switching device)

Documents / Resources

	tp-link 2BCGWC220 Pan Tilt AI Home Security Wi-Fi Camera [pdf] User Guide 2BCGWC220, 2BCGWC220, 2BCGWC220 Pan Tilt AI Home Security Wi-Fi Camera, Pan Tilt AI Home Security Wi-Fi Camera, Tilt AI Home Security Wi-Fi Camera, Security Wi-Fi Camera, Wi-Fi Camera, Camera

Manuals+,