tp-link | tapo

User Guide

Indoor/Outdoor Home Security Wi-Fi Camera

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About This Guide

This guide provides a brief introduction to the Indoor/Outdoor Home 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. 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 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/.

Introduction

With an integrated starlight sensor, the Indoor/Outdoor Home Security Wi-Fi Camera captures low light images in incredible colorful detail. Place it in your living room, bedroom, baby's room, backyard, or front door for round-the-clock coverage and IP66 weatherproof construction: day, night, rain, or shine. Stay protected anywhere, anytime.

- Superior Starlight Color Night Vision – The highly sensitive starlight sensor captures higher-quality images even in low-light conditions.
- 2K QHD* – Captures sharper, more revealing images with 1.7x more pixels than 1080p.

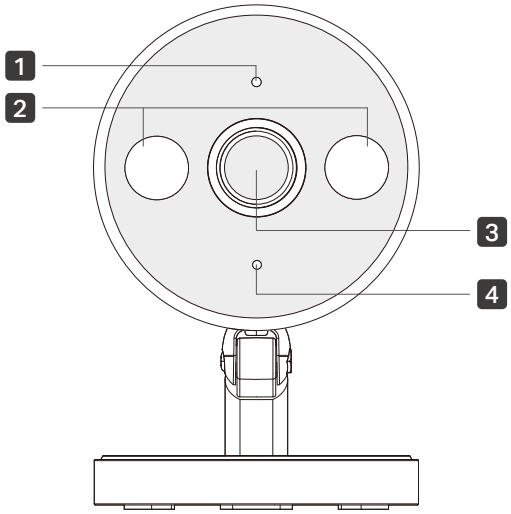
  *Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.
- Smart AI Detection – Smart AI identifies people, pets, vehicles, while also recognizing abnormal sounds, notifying users as needed.
- Two-Way Audio – Enables communication through a built-in microphone and speaker.
- Discreet Night Vision with 940nm IR LED – Enjoy unobtrusive night-time monitoring of your baby or pet with the barely-noticeable, low-intensity 940nm IR LED.
- Local* and Cloud** Storage Supported – Save recorded videos on the microSD card* (up to 512 GB) or by using Tapo Care cloud storage services.

  *microSD card needs to be purchased separately. Actual storage capacity depends on the size of the microSD card used.

  *Subscribe for cloud storage at https://www.tapo.com/tapocare/
- Color Night Vision with Spotlights – Reveals high-fidelity details and color at night with the embedded spotlights.
- Customizable Block Zones – Set customizable block zones to keep private areas from being monitored.
- Alarm System – Triggers lights and sounds as an alarm when motion is detected.
- Activity Zones – Notifies you when activity is detected in specific zones.

Appearance

Front



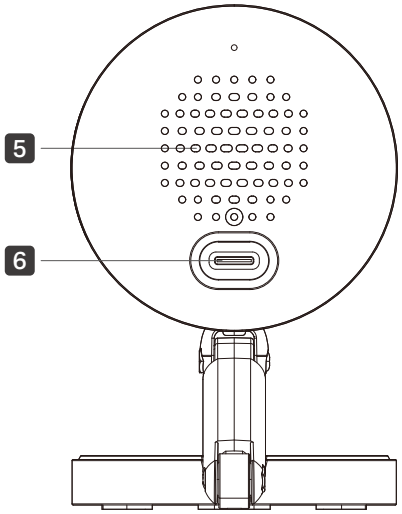
1 System LED

2 White Light LEDs

3 Lens

4 Microphone

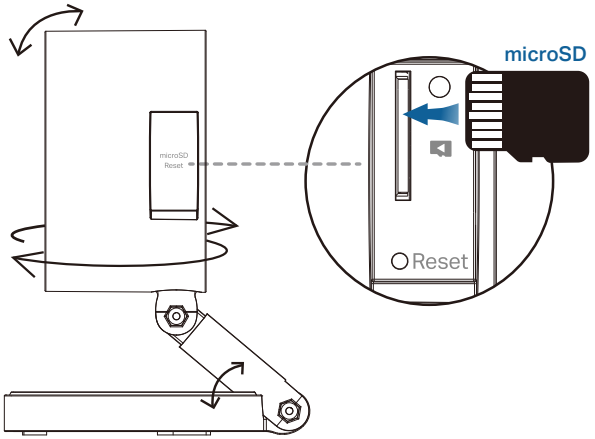
Back



5 Speaker

6 USB Type-C Power Port

Side



Adjust View

Tilt and rotate the camera and stand for your desired viewing angle.

microSD Card Slot

Open the cover. Insert a microSD card (not included) and initialize it on the Tapo app for local recording.

Reset

Open the cover and find the reset button.

- Use a pin to press and hold for **5s**: Reset Wi-Fi settings
- Use a pin to press and hold for **10s**: Reset to factory setting

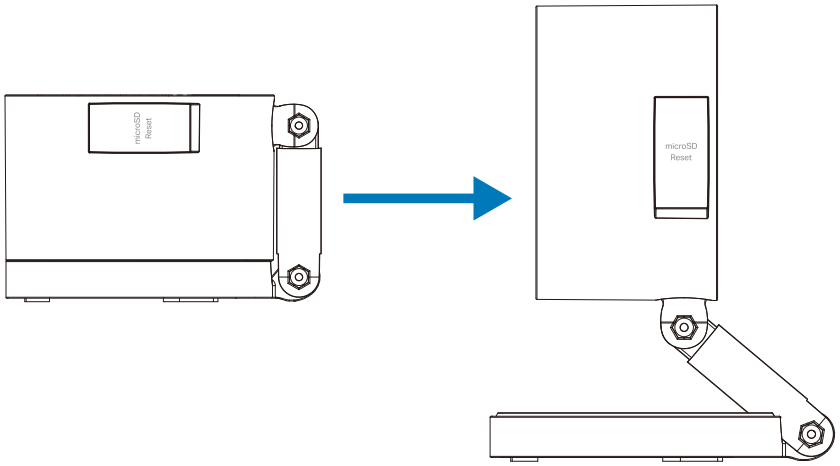
System LED Indication

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

Before You Start

Position your camera's adjustable stand for setup.

Note: Peel off film from the camera before use.



Set Up Your Camera

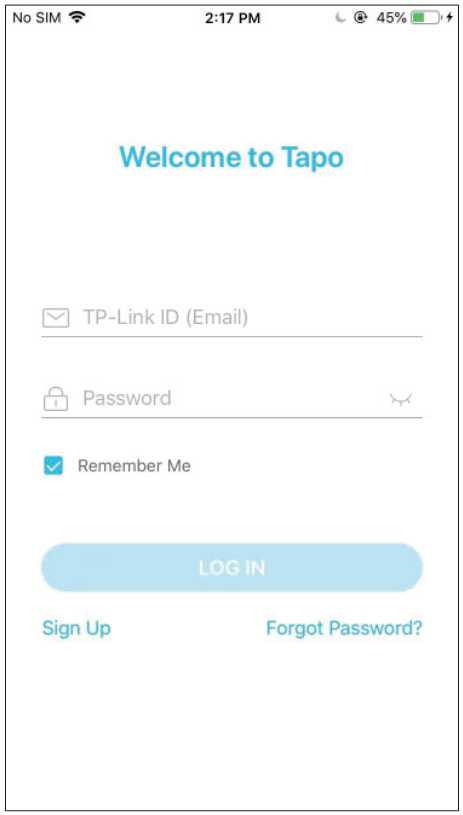
Follow the steps below to get started with your new camera.

Step 1. Download Tapo App

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

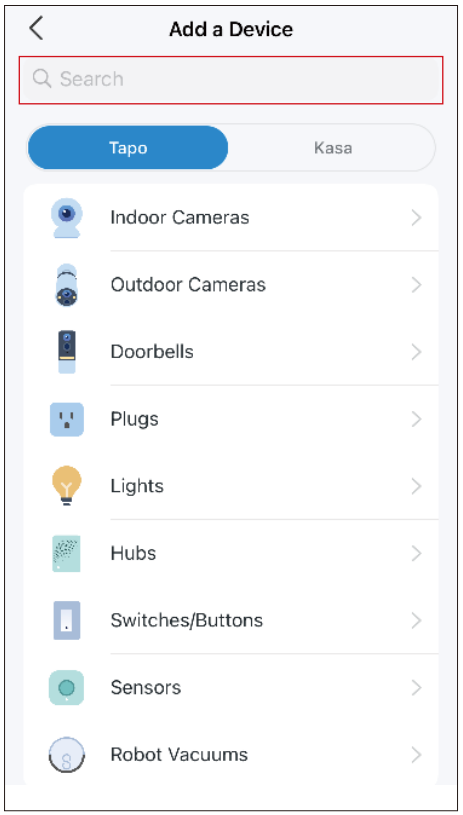
Step 2. Log In

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 search for your model. Follow the app instructions to complete 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-Fi information to Amazon by using Alexa echo.
- Your Tapo device and router are on the same network as your Alexa echo.

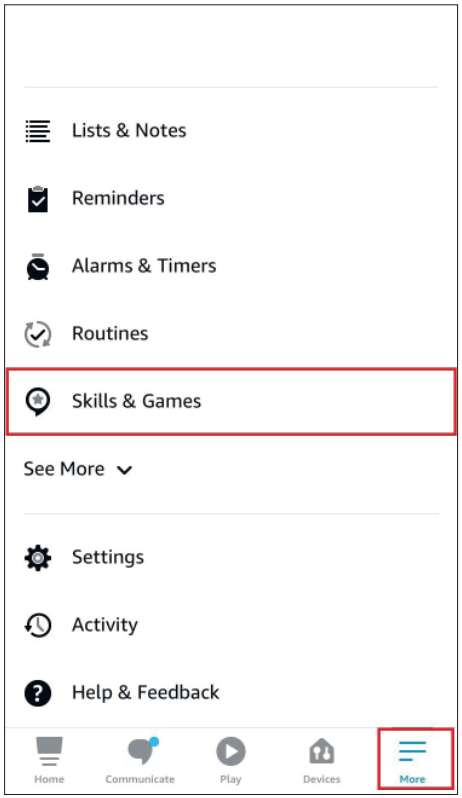
LED Indications during Amazon Frustration-Free Setup

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

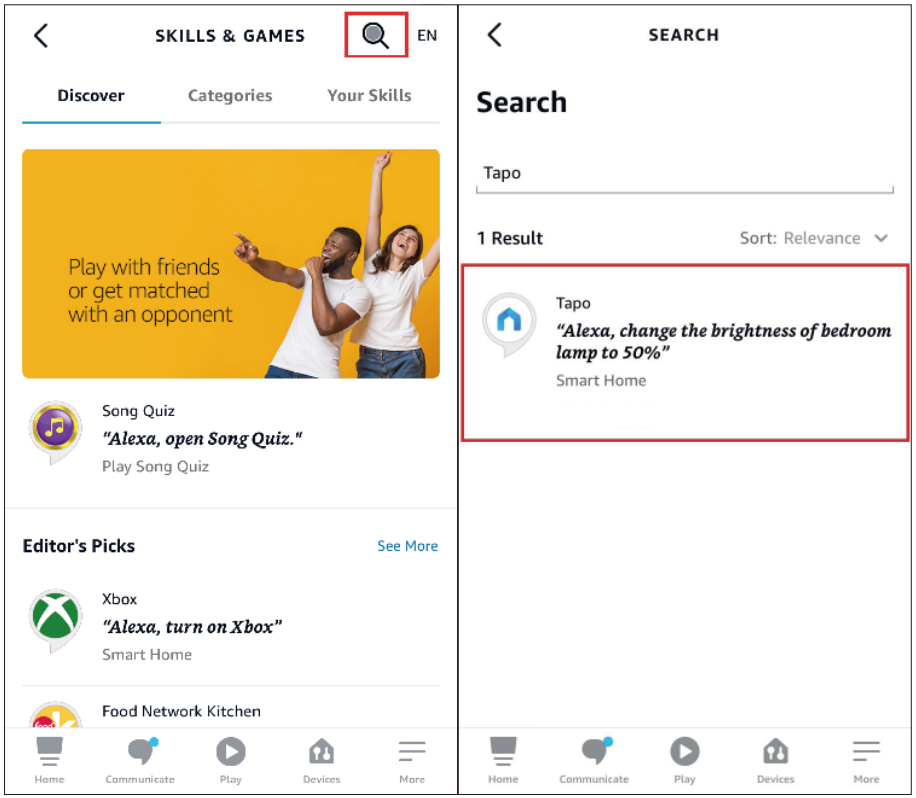
If the LED does not turn solid green after a long time, you can try to add the Tapo device manually. (Press the Reset button on your Tapo device once. Then open the Tapo app, tap the + button on the page, select your device model, and follow the app instructions.)

How to use Amazon Frustration-Free Setup with Tapo devices

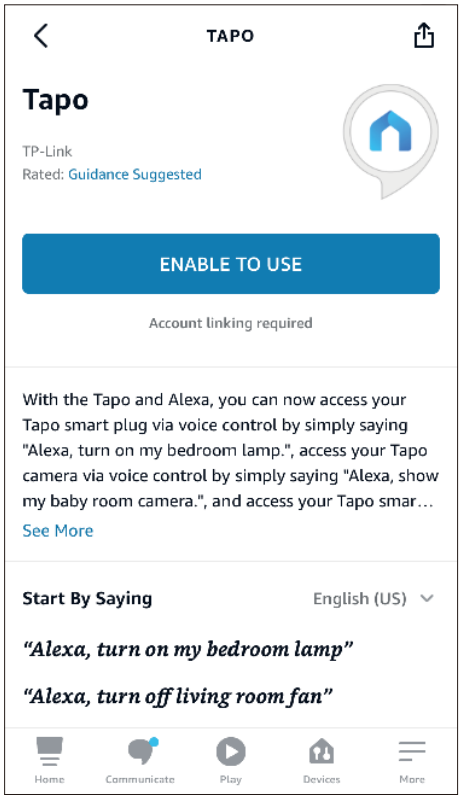
1. Open the Amazon Alexa app. Then tap More and select Skills & Games.



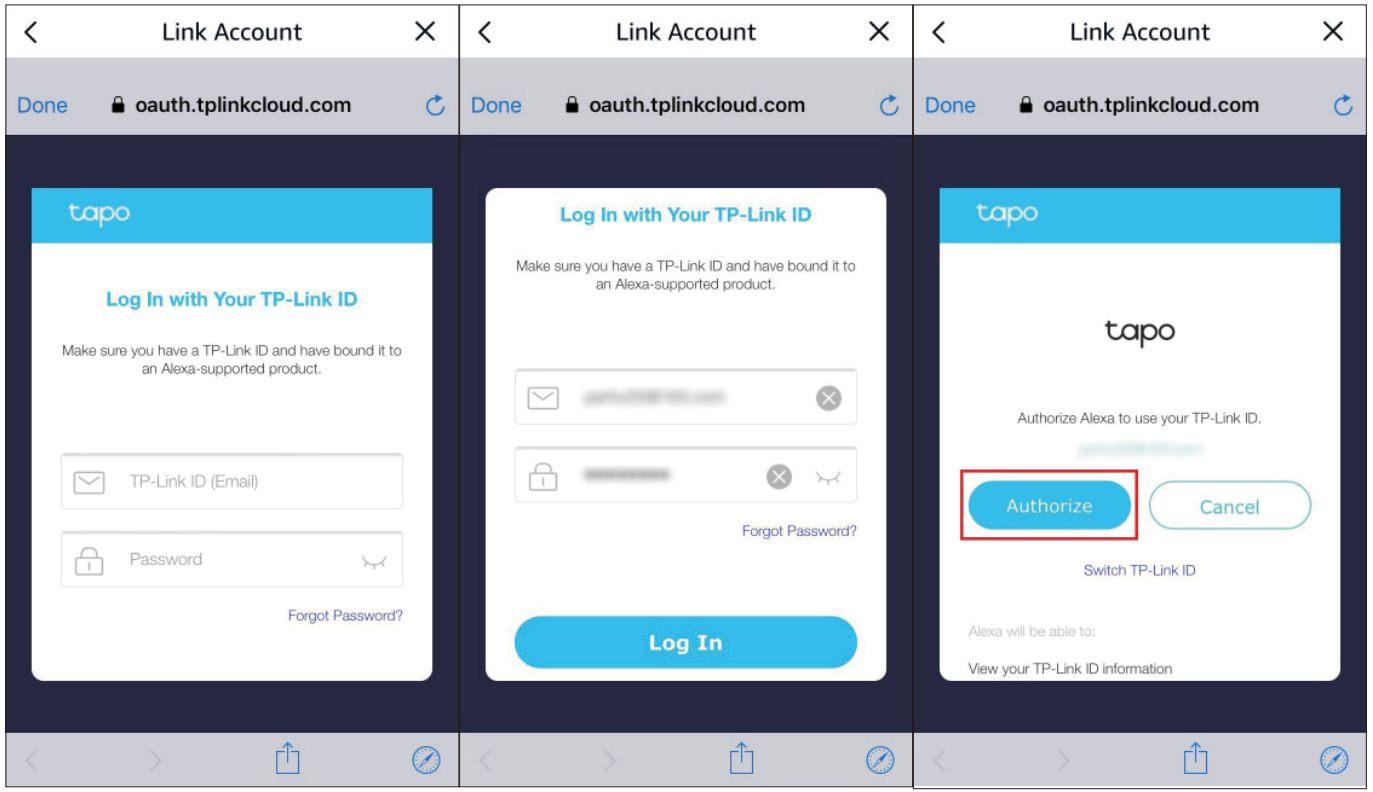
2. Enter Tapo in the search bar and choose Tapo.



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 joined your Wi-Fi network automatically.

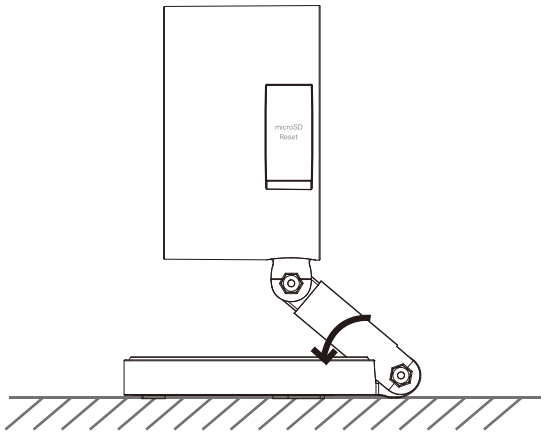
If this device does not display on the Home page in the Tapo app, try setting it up manually. (Tap the + button on the page, select your device model, and then follow the app instructions.)

Install 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 using its versatile magnetic base. Follow the steps below to install your new camera.

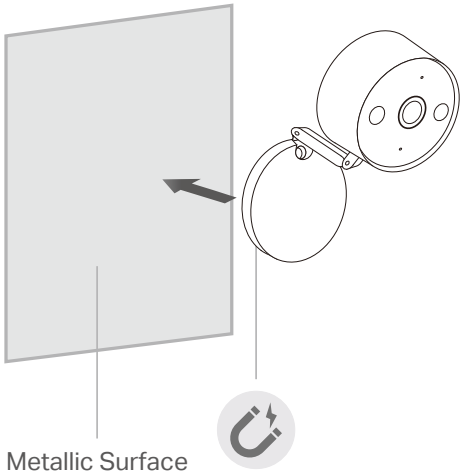
Option 1: Set on a table or shelf

1. Place the camera on your desired table or shelf.
2. Adjust the stand angle to the notch position in the base for more stability.



Option 2: Mount to metallic surfaces

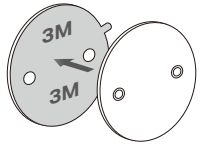
The camera has a magnet in its base, allowing magnetic attachment to metallic surfaces.



Option 3: Stick to a clean wall

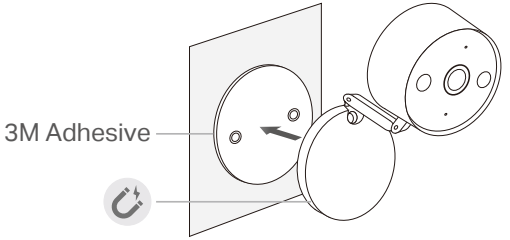
1. Attach the included adhesive to the back of the metal plate properly.

   Note: The adhesive is for one-time use. Avoid re-using the adhesive to ensure its adhesion.



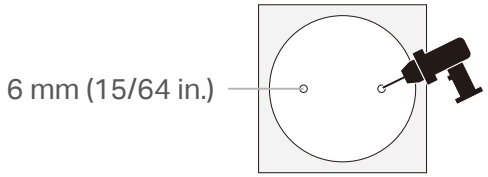
2. Wipe off the dust from the surface, stick the metal plate with the adhesive to the clean wall, and press it down for 15 seconds to ensure the plate is firmly attached. Then attach the camera to the plate.

   Note: This is applicable with tile, glass, marble, metal, stainless steel, and hard wall surfaces.



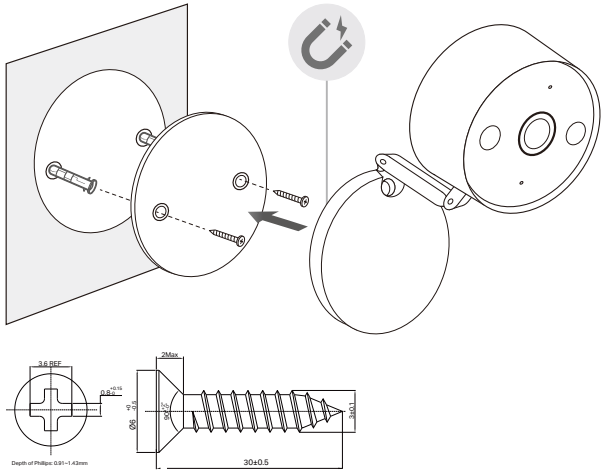
Option 4. Mount to the wall (with or without the metal plate)

1. Stick the mounting template to the desired mounting place. Drill **two** holes according to the template.



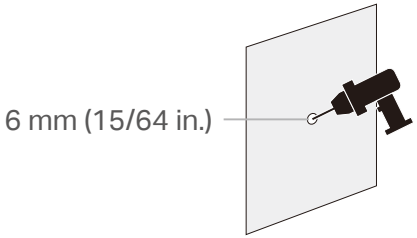
2. Insert two anchors into the holes and use the screws to affix the **metal plate** over the anchors. Then attach the camera to the plate.

   Note: Ensure the metal plate's concave-holed side faces the magnetic base.

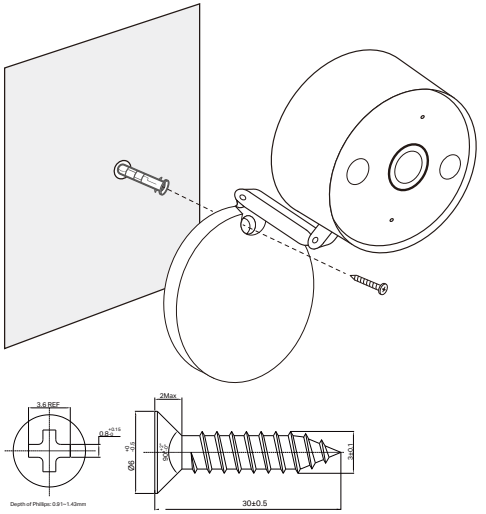


OR

1. Drill **one** hole in the desired mounting place.



2. Insert one anchor into the hole, use one screw to affix the **camera** over the anchor, then tighten the screw.



Power Up Your Camera

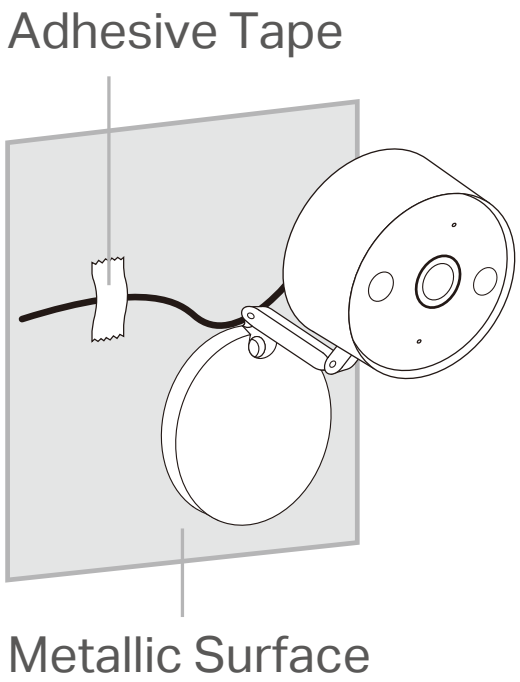
After installing your camera, follow the steps below to power up your camera.

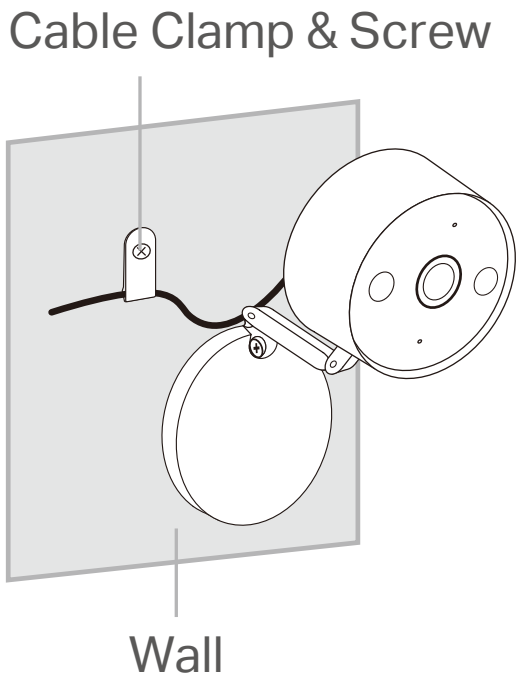
1. **Firmly plug in** the power connector to the power port of the camera, and ensure no gap exists.

Note: When plugging in the power connector, you may feel the resistance from the silicon cork inside the power port because of the waterproof design. It is necessary to plug in firmly until there is no gap between them.

2. Fix the power cord with adhesive tape or the provided cable clamp and screw.

Note: To ensure a firm connection, fix the power cord at a distance of about 25 cm away from the power connector.





Authentication

FCC compliance information statement

Product Name: Indoor/Outdoor Home Security Wi-Fi Camera
Model Number: Tapo C121

Component Name	Model
I.T.E. Power Supply	A8-501000

Responsible Party:
TP-Link Systems Inc.
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 is not responsible 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 must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

We, **TP-Link Systems Inc.**, 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., 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.

Issue Date: 2024-10-29

FCC compliance information statement
Product Name: I.T.E. Power Supply
Model Number: A8-501000
Responsible Party:
TP-Link Systems Inc.
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:

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Issue Date: 2024-10-29

Safety Information

- 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.
- Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.
- 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 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 authorised electrician.
- This product is not intended to be used when providing medical care. Consult the manufacturer of any personal medical devices, such as 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 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.
- Adapter should be used indoors where the ambient temperature is lower than or equal to 40 ºC.
- Operating Temperature: -20 ºC ~ 45 ºC (-4 °F ~ 113 °F)
- When mounting the camera magnetically, we recommend installing it no higher than 2 meters.

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

Note: The product label is on the bottom of the product and its power supply. Symbols may vary from products.

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing
	Alternating current
	DC voltage
	Polarity of output terminals
	Indoor use only
	Dangerous voltage
	Caution, risk of electric shock
	Energy efficiency Marking
	Protective earth
	Earth
	Frame or chassis

Symbol	Explanation
	Functional earthing
	Caution, hot surface
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)
	Fuse
	Fuse is used in neutral N
	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.
	Caution, avoid listening at high volume levels for long periods
	Disconnection, all power plugs

Symbol	Explanation
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)