tp-link tapo C410 Smart Wire Free Security Camera User Guide

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tp-link tapo C410 Smart Wire Free Security Camera

Specifications

- **Model:** Smart Wire-Free Security Camera
- **Design:** Versatile for tabletop, wall, or ceiling placement
- **Features:** Day and night color live view, two-way audio, smart AI detection
- **Connectivity:** Wi-Fi
- **Power Source:** Rechargeable battery

FAQs

- **Q: How do I reset the camera to factory default settings?**
  - **A:** Use a pin to press and hold the reset button for at least 5 seconds.
- **Q: How do I know if my camera is fully charged?**
  - **A:** The status LED will indicate when the camera is fully charged.
- **Q: Can I mount the camera on the ceiling?**
  - **A:** Yes, the camera's versatile design allows for tabletop, wall, or ceiling mounting.

About This Guide

This guide provides a brief introduction to the Smart Wire-Free Security 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, button s, 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/**.
- For camera setup and mounting videos, please refer to **https://www.tp-link.com/support/setup-video/#cloud-cameras**.

Introduction

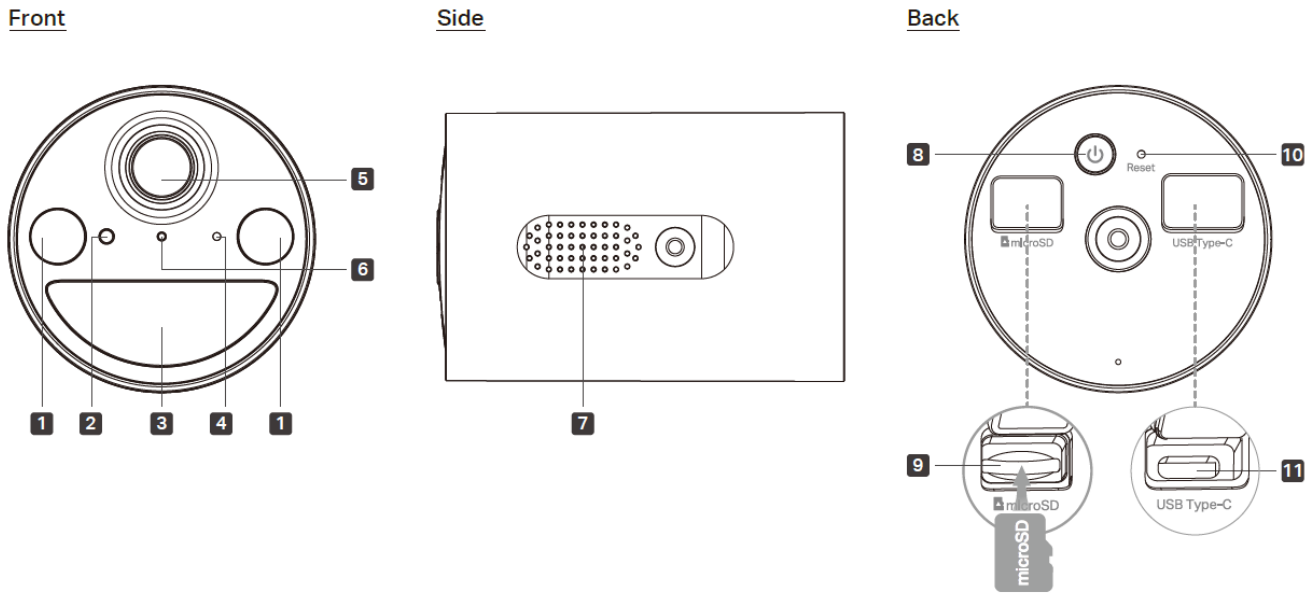
The Tapo wire-free camera combines convenience and performance to meet all your security needs. With its versatile design, you can easily place it on a tabletop or mount it on a wall or ceiling. Experience day and light color live view along with two-way audio, providing comprehensive monitoring capabilities. It also comes with free smart AI detection to accurately identify events and send real-time notifications, guarding every corner.

- **100% Wire-Free, Goes Everywhere –** Embrace total freedom with its battery-powered, wire-free design. Its versatility eliminates outlet constraints, enabling ultra-flexible indoor and outdoor security monitoring from anywhere.
- **Color Night Vision –** Enhances your security by revealing vivid colors with built-in spotlights.
- **Crisp Clear Details –** Captures more details and delivers high-definition pictures.
- **Rechargeable Battery –** The built-in rechargeable battery leads to a long-lasting life (up to 180 days)*, extending your usage.
- **Smart Person Detection –** Get alerts when a person is detected, reducing false alerts and unnecessary notifications, which also extends battery life.
- **Optional Solar Panel –** Enjoy a maintenance-free security experience with the Tapo Solar Panel, which provides a continuous power supply.
- **Customizable Sound and Audio Alarm –** Customize your alarm by recording your audio and adjusting the brightness of the dual spotlights to suit your preferences.
- **Local and Cloud Storage† –** Save recorded video on a microSD card (up to 512 GB), no subscription is required. Cloud storage is also supported for flexibility.
- **Two-Way Audio –** Enables direct communication through a built-in microphone and speaker.
- **IP65 Weatherproof –** Performs well even in harsh environments with rain and dust, ideal for indoor/outdoor scenarios.

*180-day battery life is based on Tapo laboratory tests with 250s of use per day. The time of use includes recording and watching live views. Actual battery life may vary due to device settings, usage, router specifications, and environmental factors. **Compatible with Alexa and Google Assistant-supported displays. User experience is dependent on the connected device’s specifications. Tapo solar panels are purchased separately. Experience may vary due to placement angle, weather conditions, and camera usage. †microSD card must 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/.

Appearance



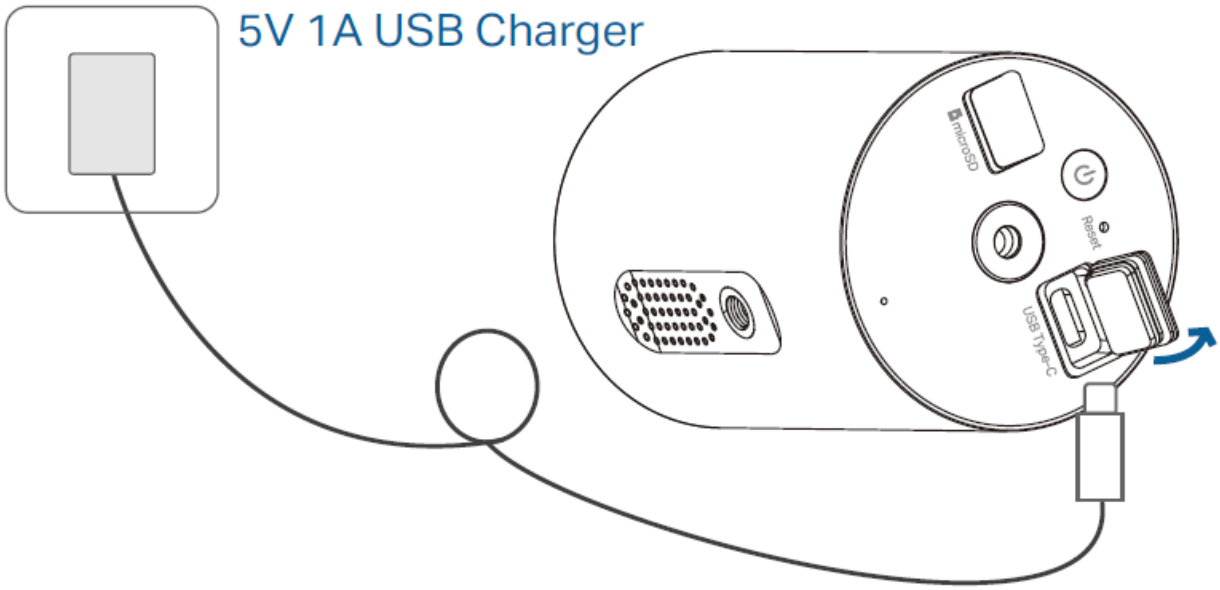
1. Spotlights Light
2. Sensor
3. Motion Sensor
4. Microphone
5. Lens
6. Status LED
7. Speaker
8. Power Button
    - Press and hold for about 3 seconds to turn on/off the camera.
9. microSD Card Slot
10. Reset Button
    - Use a pin to press and hold for at least 5 seconds to reset the camera to factory default settings.
11. USB Type-C Charging Port

Status LED Indication

Blinking amber quickly for 3 seconds	Plugging in a USB charger
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

Charge the Battery

The battery comes partially charged. We recommend that you fully charge the battery before use. This will take about seven and a half hours.



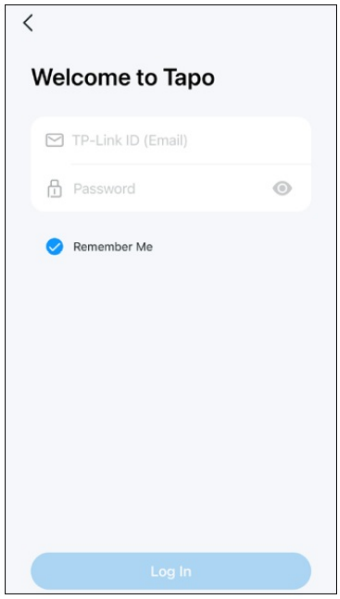
Note:

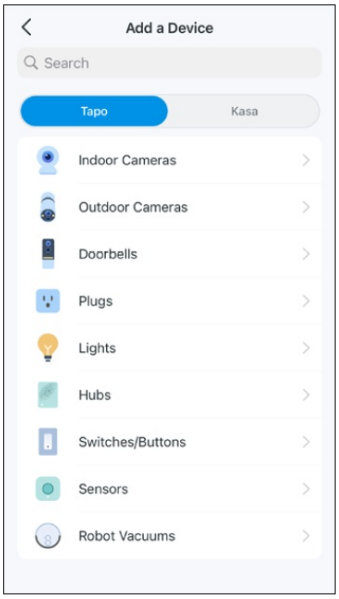
1. Peel off the film from the camera before use.
2. **Warning:** Do not tear off the silicone part by force as it may affect the waterproof performance.
3. Charge the battery using the USB cable included in the package. Inappropriate cables may result in slow charging or failure to charge.
4. When you plug in the USB charger, the LED should blink amber quickly for 3 seconds. If not, make sure the power is running and check your connection.
5. The camera may not power up after falling. Plug in the USB charger to power it on again.
6. Keep the ports firmly covered when not in use to ensure waterproof performance.
7. Check the battery status on the Tapo app after setup.

Set Up Your Camera

Follow the steps below to set up your camera. For the setup video, please refer to https://www.tp-link.com/support/setup-video/#cloud-cameras.

- **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 the app instructions to complete the setup.





Set Up Using Amazon Frustration-Free Setup

Note: Amazon Frustration-Free Setup is only available for Tapo C410/C402. TC82 doesn't support 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.

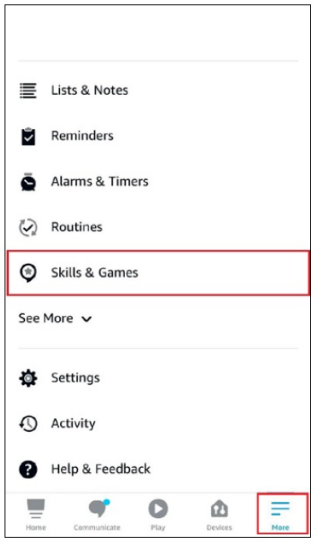
LED Indications during Amazon Frustration-Free Setup

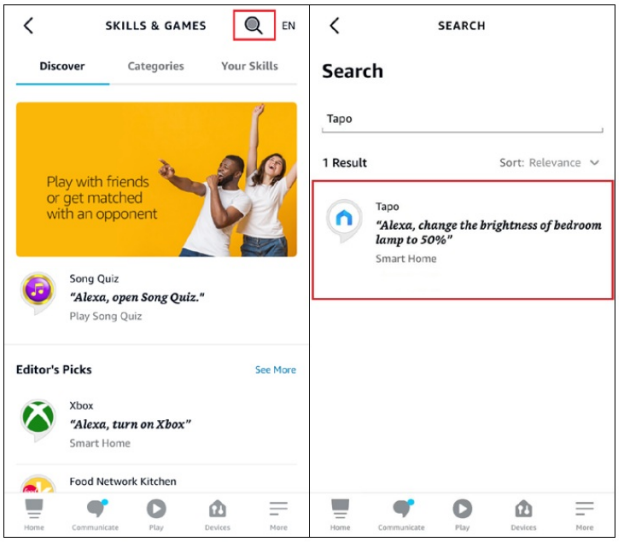
LED	Status
Blinking red and green	Ready for setup
Blinking amber	FFS setup in progress
Solid green	Working properly

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.)

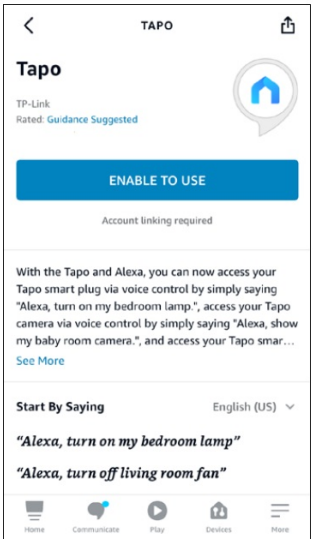
How to use Amazon Frustration-Free Setup with Tapo devices

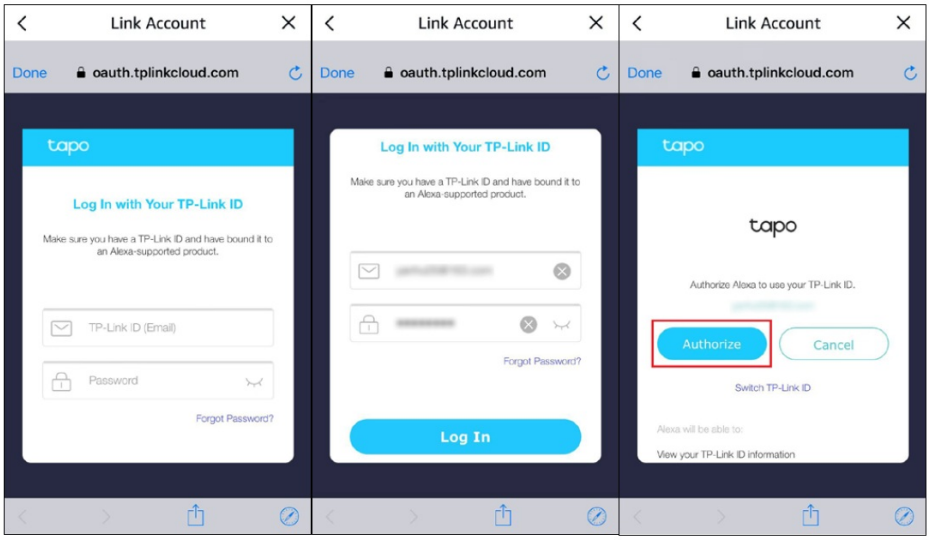
1. Open the Amazon Alexa app. Then tap More and select Skills & Games.
2. Enter Tapo in the search bar and choose Tapo.





3. Tap the ENABLE TO USE button.
4. Log in with your TP-Link ID that is bound to your Tapo device, and tap Authorize. After being 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

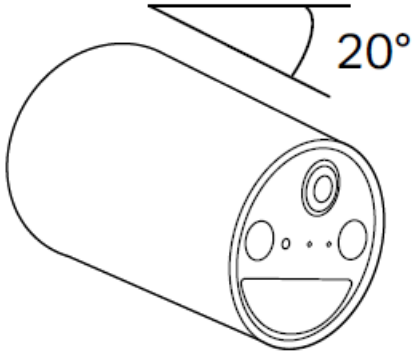
successfully associated with your Amazon account and joined your Wi-Fi network automatically.

- 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.)

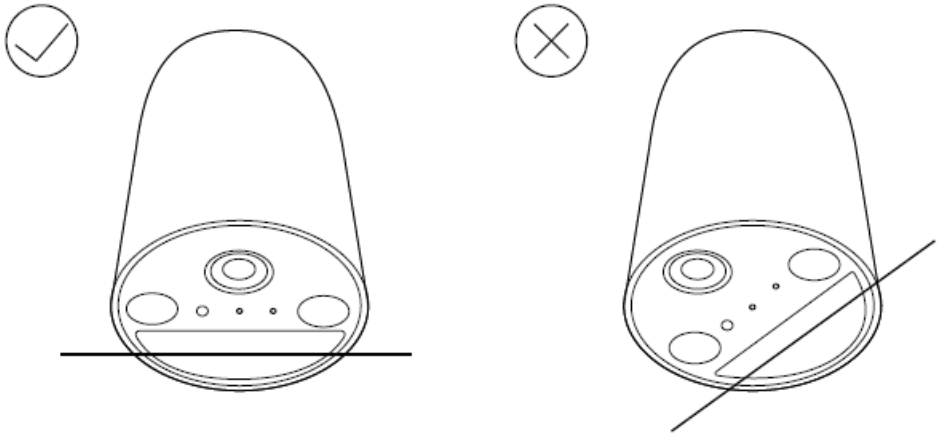
Mounting Tips

Read mounting tips before you mount the camera.

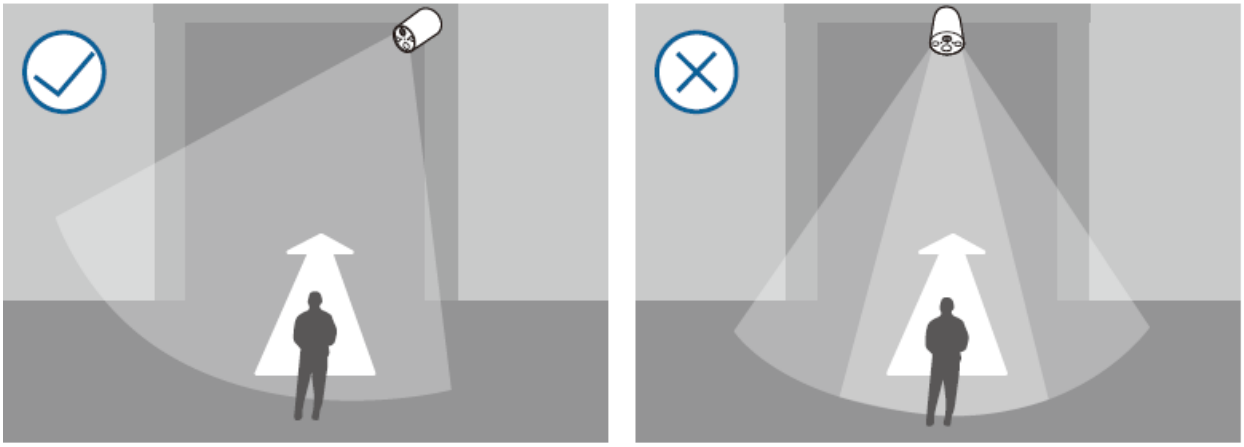
1. Avoid placing it behind glass. Glass will obstruct the motion sensor of your camera.
2. Choose a proper location to mount your camera, or it will be triggered too often by false alarms.
   - Avoid pointing the camera directly at swaying trees.
   - Avoid pointing the camera directly at vehicles and pedestrians on the road.
   - Avoid pointing the camera directly at street lamps and sunlight.
3. Tilt the camera downwards at an angle of about 20°.



4. Do not place the camera upside down.
5. Keep the motion sensor level for best results.

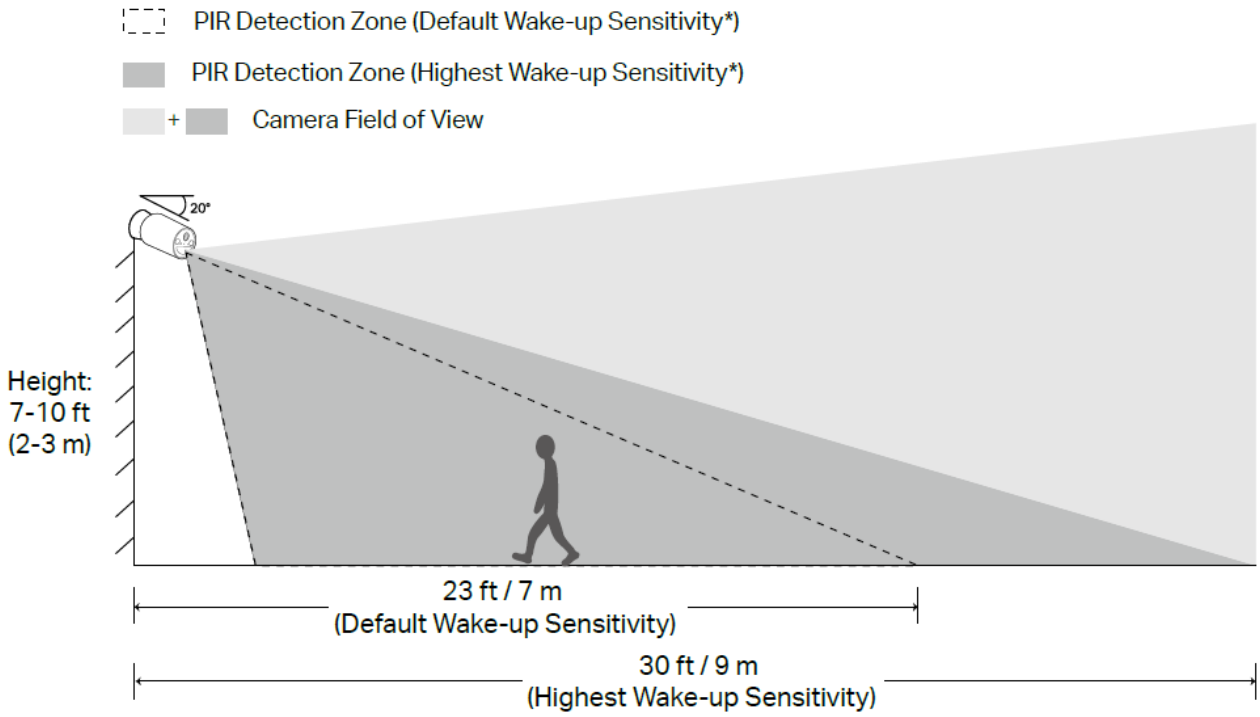


6. Mount your camera to the side so that movement goes across the lens field of view to better trigger motion detection and AI detection.



*Do not mount facing the direction of movement.

7. For optimal detection performance, we recommend mounting the camera 7-10 ft (2-3 m) above the ground.

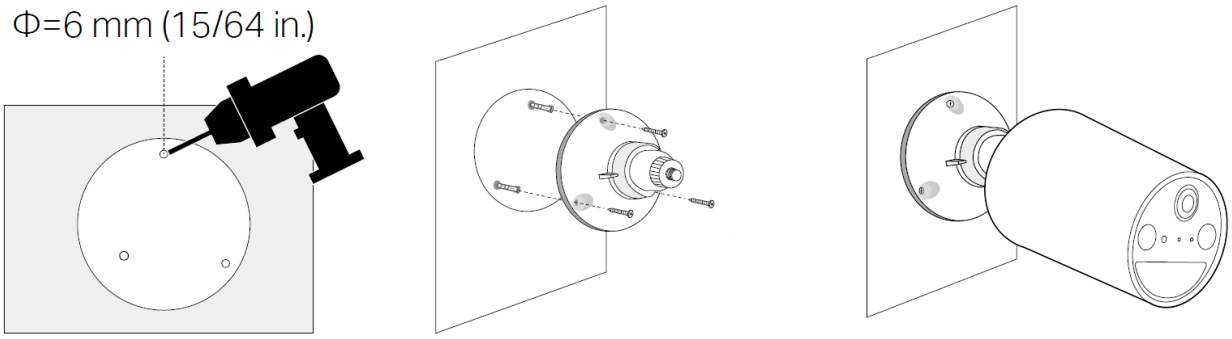


- *You can adjust the sensitivity in Camera Settings > Detection > Wake-up Sensitivity. The FOV and PIR detection zone shown is based on a camera mounted at 7.2 ft/2.2 m.

Mount Your Camera

When you finish setting up your camera in the Tapo app, you can follow the steps below to mount the camera. For the setup video, please refer to https://www.tp-link.com/support/setup-video/#cloud-cameras.
Note: You can always get detailed mounting instructions in the Tapo app.

1. **Drill Holes**
   - Stick the mounting template to the desired mounting place. Drill 3 holes according to the template.
2. **Install the Bracket**
   - Insert three anchors into the holes and use the screws to affix the bracket over the anchors.
3. **Install the Camera**
   - Install the camera on the mounting bracket, and adjust the camera angle.



Work with Tapo Solar Panel

The Tapo Solar Panel charges your Smart Wire-Free Indoor/Outdoor Security Camera continuously.

1. Install the waterproof gasket to the charging port of your camera.
2. Connect the solar panel to the charging port of your camera.
    - For detailed connection instructions, please refer to **https://www.tp-link.com/support/faq/3800/**.

If you don't yet have a Tapo Solar Panel, charge the rechargeable battery with a standard and high-quality DC 5V/2A battery charger. Keep the charging port firmly covered when fully charged.

Note:

1. When using a different Tapo solar panel to charge this camera, please refer to **https://www.tp-link.com/support/faq/3800/**.
2. If you use a third-party solar panel to charge this camera, we cannot guarantee waterproof performance.

FCC

Authentication FCC compliance information statement

- **Product Name:** Smart Wire-Free Security Camera

- **Model Number:** Tapo C410/Tapo C402/TC82

Component Name	Model
USB ADAPTER	A8-501000

- **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, according 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 following 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 the receiver.
- Connect the equipment to 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 applies 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 USA Corporation, have determined that the equipment shown above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made to the equipment and the equipment is properly maintained and operated.

- **Issue Date:** 2024-02-19

FCC compliance information statement

- **Product Name:** USB Adapter
- **Model Number:** A8-501000
- **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, according 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 by 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 the receiver.
- Connect the equipment to 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. We, TP-Link USA Corporation, have determined that the equipment shown above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made to 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 complies 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 is used at 20 cm from your body.

UKCA Mark UK Declaration of Conformity

- TP-Link hereby declares that the device complies 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/ukca/**.

Canadian Compliance Statement
This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-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.

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 a minimum distance of 20cm between the radiator & your body.

Industry Canada Statement: CAN ICES-3 (B)/NMB-3(B)

Safety Information

- Do not use a 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.
- The adapter shall be easily accessible.
- Use only power supplies that are provided by the anufacturer 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 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 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 adequately shielded from external RF (radio frequency) energy.
- Do not use this product in healthcare facilities. Hospitals or healthcare 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 TVs, radios, personal computers, phones, or other wireless devices.
- Operating Temperature: -20°C ~ 45°C (-4°F ~ 113°F)
- When mounting the camera with the magnetic base, we recommend installing it no higher than 2 meters.
- The adapter should be used indoors where the ambient temperature is lower than or equal to 40°C.

CAUTION! Avoid replacement of a battery with an incorrect type that can defeat a safeguard. Avoid disposal of a battery in a fire or a hot oven, or mechanically crushing or cutting off a battery, which can result in an explosion. Do not leave a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; Do not leave a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas. 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

Explanation of the symbols on the product label

Note: Symbols may vary from product.

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 impimpact 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)

Documents / Resources

	tp-link tapo C410 Smart Wire Free Security Camera [pdf] User Guide C410, C402, tapo C410 Smart Wire Free Security Camera, tapo C410, Smart Wire Free Security Camera, Wire Free Security Camera, Free Security Camera, Security Camera, Camera

References

- Link: Pay quickly, shop confidently
- WiFi Networking Equipment for Home & Business | TP-Link
- Tapo | Smart Devices for Smart Living
- Regulatory Compliance | Tapo
- UKCA | Tapo
- Tapo Care | Tapo
- How to Properly Connect a Tapo Solar Panel to Compatible Tapo Cameras Using the Waterproof Gasket | TP-Link
- Support Videos | TP-Link
- User Manual

Manuals+, **Privacy Policy**

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