tp-link | tapo

Quick Start Guide

Battery-Powered Outdoor Security Camera
Tapo C400/Tapo C401/TC80
*Images may differ from actual products.
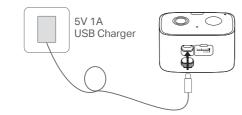
▶
Setup Video
Scan QR code or visit
https://www.tp-link.com/support/setup-video/#cloud-cameras

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1 Charge the Battery

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

5V 1A
USB Charger

Note:
1. Peel off film from the camera before use.
2. Charge the battery using the USB cable in the package. Inappropriate cables may result in slow charging or failure to charge.
3. Warning: Do not tear off the silicone part by force as it may affect the waterproof performance.
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. Keep the ports firmly covered when not in use to ensure waterproof performance.
6. The camera may not power up after falling. Plug in the USB charger to power it on again.
7. Check the battery status on the Tapo app after setup.

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2 Set Up the Camera

1. Get the **Tapo** app from the App Store or Google Play, and log in.

🍎 Download on the **App Store**
OR
▶ GET IT ON **Google Play**

2. Open the cover, then press and hold the On/Off button ⏻ for about 3 seconds to turn it on.
Open the Tapo app, tap the ⊕ button in the app, and select your model. Then follow the app instructions to set up your camera.

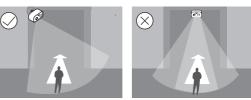My Home ▾   ⊕

On/Off Button ⏻

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3 Camera Mounting Tips

1. Avoid placing 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. Do not place the camera upside down.

4. Keep the motion sensor level for best results.

5. Tilt the camera downwards at an angle of about 20°.

20°

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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.
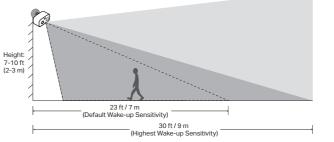
*Do not mount facing the direction of movement.

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

⬚ PIR Detection Zone (Default Wake-up Sensitivity*)
▨ PIR Detection Zone (Highest Wake-up Sensitivity*)
+ ▧ Camera Field of View

Height: 7-10 ft (2-3 m)

23 ft / 7 m
(Default Wake-up Sensitivity)
30 ft / 9 m
(Highest Wake-up Sensitivity)

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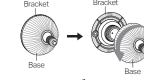
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4 Mounting

Φ=6 mm (15/64 in.)

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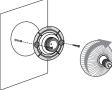Stick the mounting template to the desired mounting place. Drill two holes according to the template.

2. Unscrew the Base
Unscrew the base from the mounting bracket.

Bracket   Bracket
Base   Base

3. Secure the Bracket
Insert two anchors into the holes and use the screws to affix the bracket over the anchors.
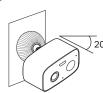Screw the base onto the bracket.

4. Install the Camera
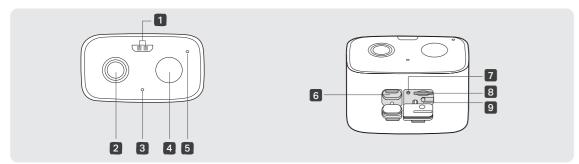Install the camera on the base, adjust the angle by loosening the base, and secure it by tightening.

20°

Ensure the camera is securely attached to the camera bracket by tightening the bottom screw.

Appearance

1 IR & White Light LEDs

2 Lens

3 Microphone

4 Motion Sensor

5 Status LED

6 USB Type-C Charging Port
Open the cover for USB charging.

7 Reset Button
Press and hold for **5s**:
Reset Wi-Fi while keep other settings.
Press and hold for **10s**:
Reset to factory settings.

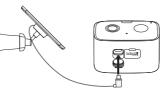**8** microSD Card Slot
Insert a microSD card (not included) and
initialize it on the Tapo app for local recording.

9 On/Off Button ⏻
Press and hold for about 3 seconds to
turn on/off the camera.

Camera Status LED Indication

Blinking amber quickly for 3 seconds	Plugging in 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

❓ Have a Tapo Solar Panel?

The Tapo Solar Panel charges your camera continuously. Connect the
solar panel by inserting the connector into the camera charging port
until snug.

Note: If you use a third-party solar panel to charge this camera, we cannot guarantee
the waterproof performance.

Safety Information

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/support/ce
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/ukca/

• This equipment can be powered only by equipments that comply with Power
Source Class 2 (PS2) or Limited Power Source (LPS) defined in the standard of IEC
62368-1.
• 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 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 adequally 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.
• Operating Temperature: -20℃ ~ 45℃ (-4℉ ~ 113℉)
• Adapter should be used indoors where the ambient temperature is lower than or
equal to 40℃.

> **CAUTION!**
> Avoid replacement of a battery with an incorrect type that can defeat a safeguard.
> Avoid disposal of a battery into fire or a hot oven, or mechanically crushing or
> cutting of a battery, that 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.

OPERATING FREQUENCY(the maximum transmitted power)
2402 MHz -2480 MHz(9.54dBm)
2412MHz -2472 MHz(19.76dBm)

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.

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."