

Installation and User Guide

About This Guide

This guide provides a brief introduction to the Solar-Powered Floodlight Pan/Tilt Security Camera Kit 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/>.

The setup video can be found at <https://www.tp-link.com/support/setup-video/#cloud-cameras>.

Introduction

Experience upgraded security with the Solar-Powered Floodlight Pan/Tilt Security Camera Kit. The compact camera kit features an 800-lumen floodlight that illuminates your property, keeping your space bright and your neighbors undisturbed.

- Free Person/Pet/Vehicle Detection - The camera identifies people, pets and vehicles while only sending your alerts when truly needed.
- 360° AI Tracking - The camera provides 360° coverage and tracks people, pets, and vehicles automatically.
- Patrol Mode - Assign points for the camera to patrol for dynamic monitoring.



use.

- Customizable Sound and Light Alarm - Record custom audio for alarms and adjust the brightness of the floodlight to suit your needs.
- Two-Way Audio - Talk and listen through the device with its integrated microphone and speaker.
- Local and Cloud Storage - Store footage on a microSD card (up to 512 GB)** with no subscription required, or opt for cloud storage*** with a 30-day free trial for added convenience.
- Privacy Lock - Secure your microSD card with a password through the Tapo app for enhanced privacy protection.
- Smart Playback - Swiftly find and download moments of interest by choosing the event type or sliding the timeline.

*45 min of sunlight is based on standard environmental conditions (1000W/m², 25°C, AM1.5) and specified working scenes (up to 100 events triggered per day). Actual required time of sunlight may vary.

**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/>.

Appearance

1 Adjustable Floodlight: 240° horizontally, 10°–20° vertically (with a default downward tilt).

2 Status LED: It shows your camera status.

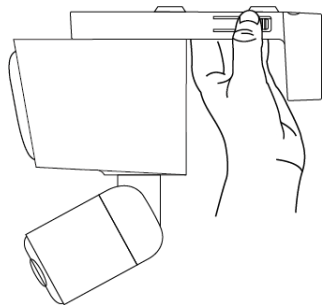
3 Microphone: For capturing your voice.

4 Motion Sensor

5 Light Sensor

6 Lens: For capturing things within its view.

7 Release Latches: Press to detach the camera from the bracket.



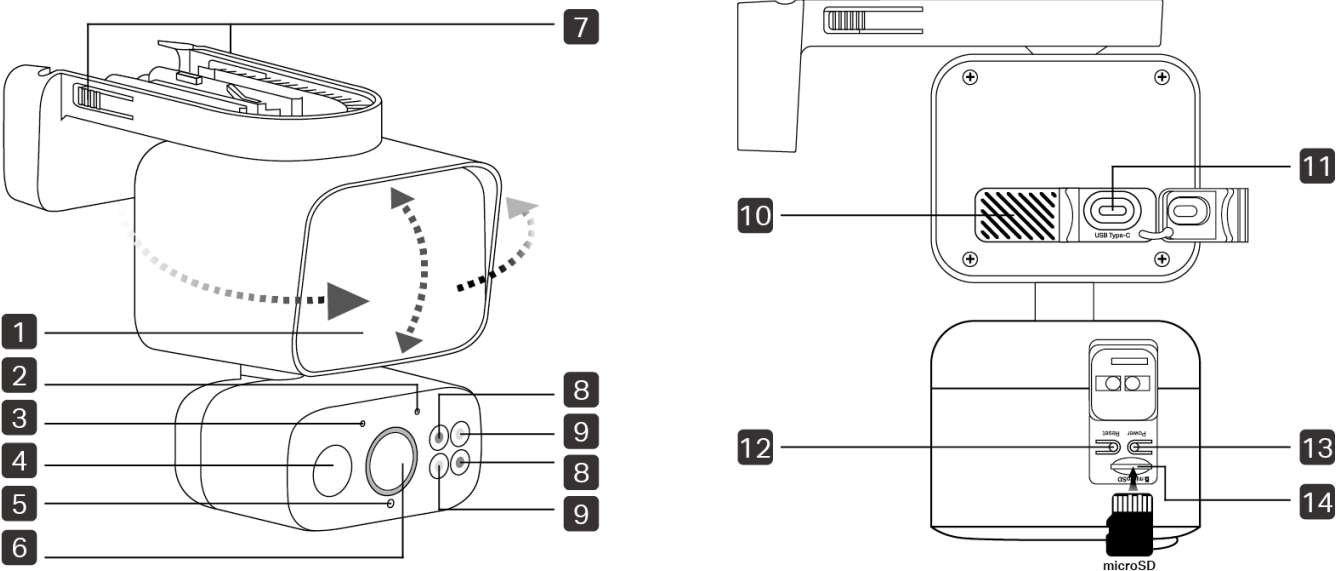
8 White Light LEDs: For creating colorful images at night.

9 IR LEDs: For creating black-and-white images at night.

10 Speaker: For producing sound, allowing you to hear the audio.



- 12 Reset Button:** Open the cover to find the Reset Button. While the camera is powered on, press and hold the Reset button to reset the camera.
- Press and hold for 5 seconds: Reset Wi-Fi while preserving the other.
 - Press and hold for 10 seconds: Reset to factory settings.
- 13 On/Off Power Button:** Open the cover to find the On/Off button. Press and hold the button for about 3s to turn on/off the camera.
- 14 microSD card slot:** Open the cover to find the microSD card slot. Insert a microSD card (not included) and initialize it on the Tapo app for local recording.



Status LED Indication

LED Status	Indication
Blinking amber quickly for 3 seconds	USB charger plugged in
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

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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.

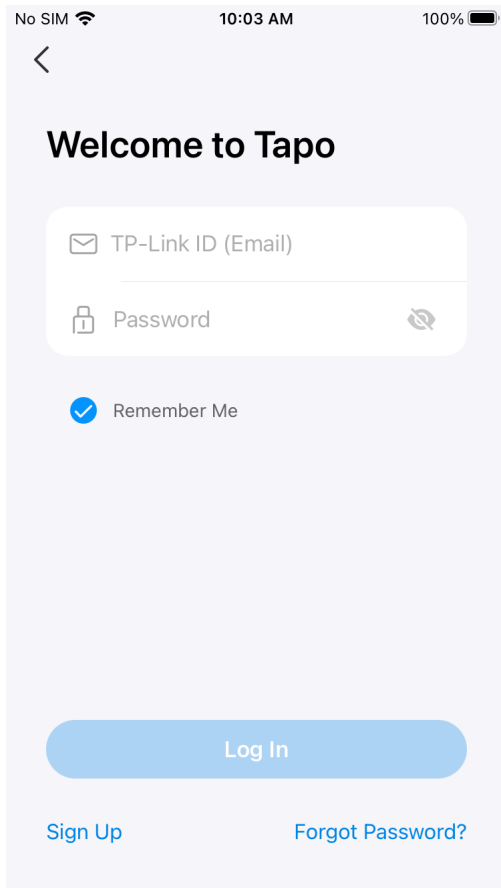


OR



Step 2. Log In

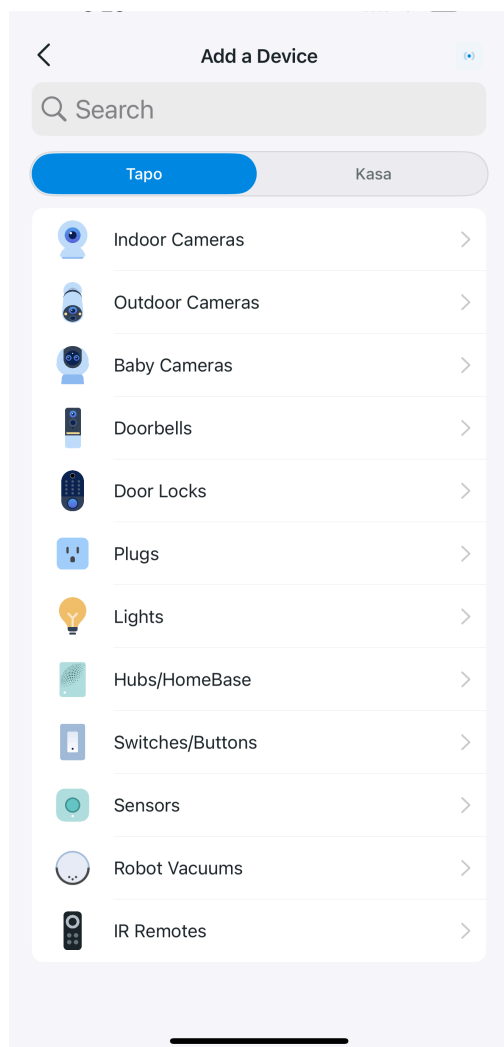
Open the app, and log in with your TP-Link ID. If you don't have an account, create one first.



Step 3. Add Your Camera

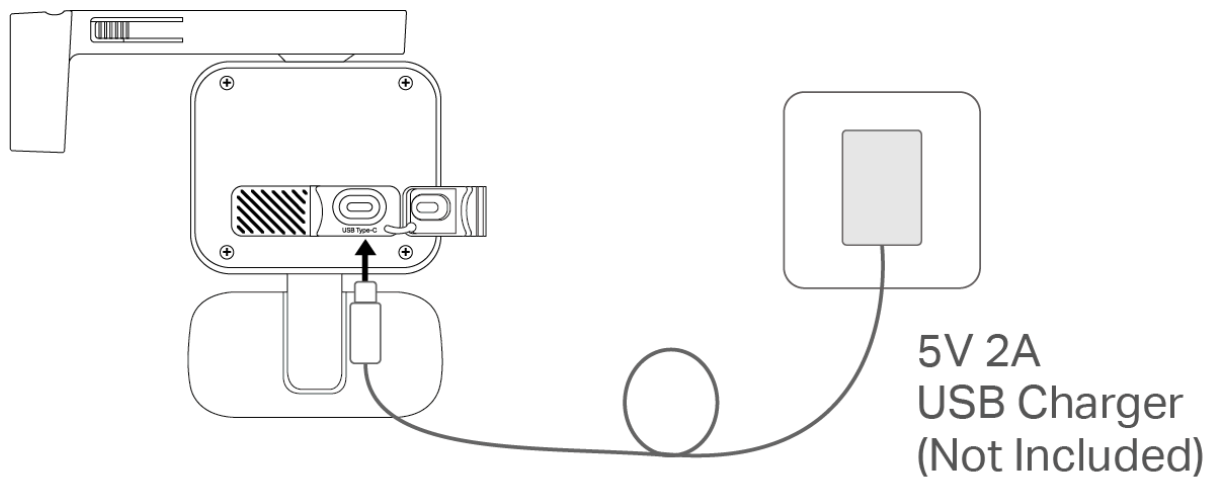
Tap the + button > Add Device in the app and search for your model. Follow the app instructions to complete the setup.





Charge the Battery

The battery comes partially charged. We recommend fully charging the battery before mounting. A full charge can take up to **6** hours.



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1. Peel off the film from the camera before use.
2. Check the battery status on the Tapo app after setup.
3. The camera may not power up after falling. Plug in the USB charger to power it on again.
4. Keep the ports firmly covered when not in use to ensure waterproof and dustproof performance.
5. Do not tear off the silicone part by force as it may affect waterproof and dustproof performance.
6. Charge the battery using the included USB cable. Some third-party cables may cause slow or failed charging.
7. 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.

Mounting Tips

Solar Panel Mounting Tips

The position and tilt angle of the solar panel greatly affect the solar efficiency.

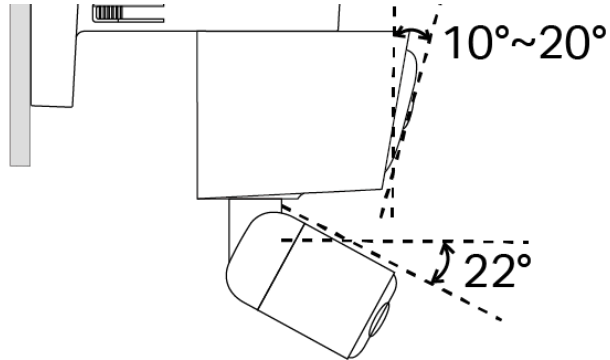
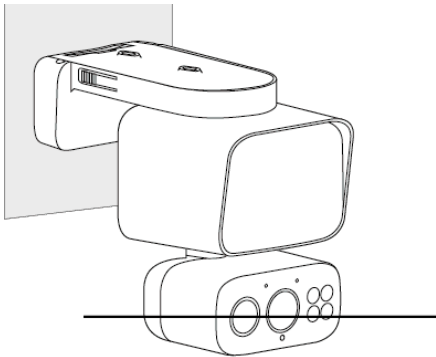
1. Choose a location where the solar panel gets the most sunlight throughout the year.
2. Position the panel south-facing in the Northern Hemisphere or north-facing in the Southern Hemisphere. The recommended tilt angle between the panel and the horizontal ground is 35° ~ 45°.
3. Regularly wipe the panel to remove dust and debris.

Camera Mounting Tips

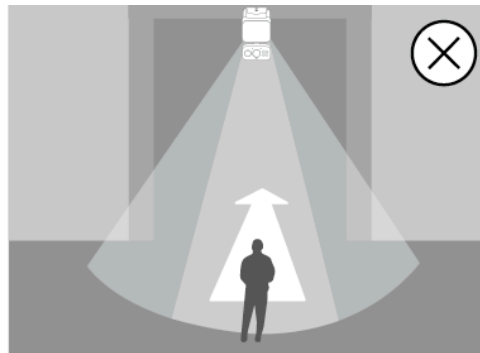
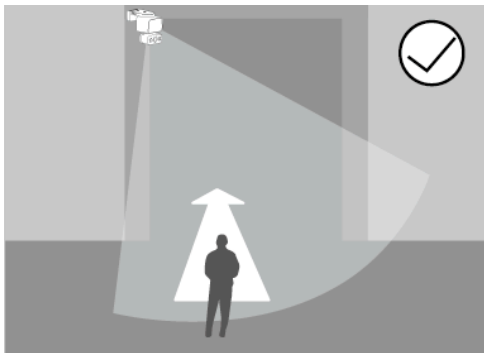
1. Avoid placing behind windows or glass. Both windows and glass can block the motion sensor of your camera, preventing motion detection.
2. Choose your mounting location. Proper camera mounting will prevent issues such as frequent false alerts.
 - Avoid pointing the camera directly at swaying trees.
 - Avoid pointing the camera at high-traffic areas unless that is the desired monitoring location.
 - Avoid pointing the camera directly at streetlights or sunlight.
3. Do not place the camera upside down.
4. For optimal results, keep the motion sensor level and tilt the camera lens down at an angle of about 22°. Adjust the angle of the floodlight to light up your monitoring area..



Zabezpečení Vstupní řešení Úklid Osvětlení Automatizace domácnosti Software a služby



5. Mounting your camera at an angle so movement crosses the lens' field of view will provide more accurate motion and AI detection.



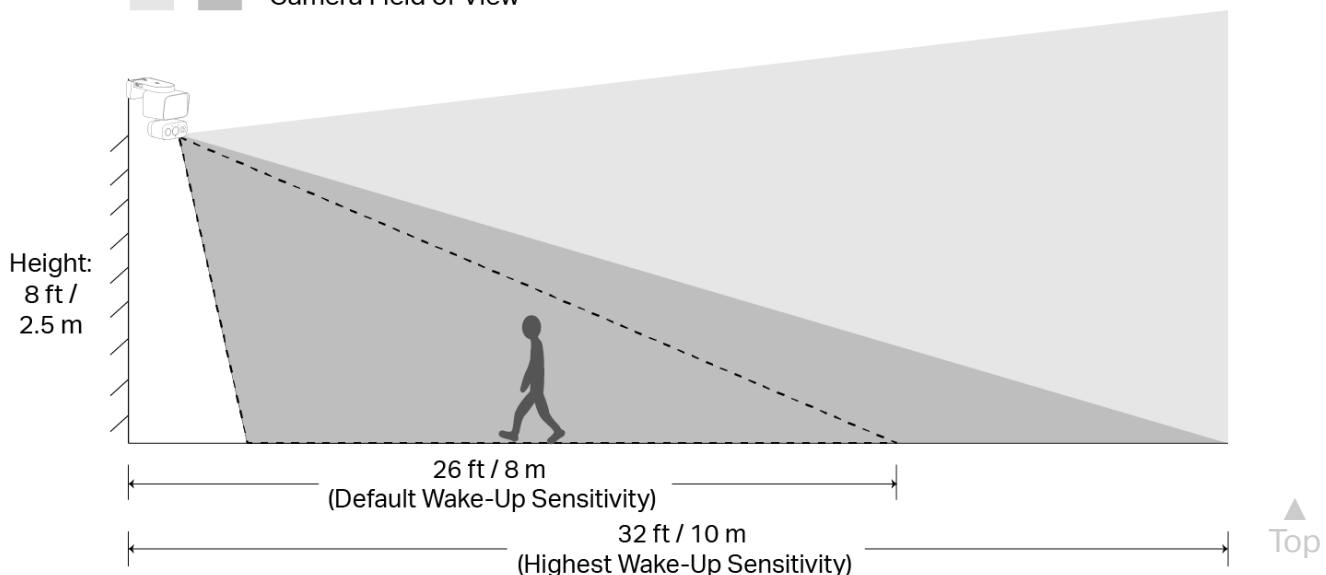
*Do not mount facing the direction of movement.

6. For optimal detection performance, we recommend mounting the camera 8 ft (2.5 m) above the ground.

PIR Detection Zone (Default Wake-Up Sensitivity*)

PIR Detection Zone (Highest Wake-Up Sensitivity*)

+ Camera Field of View

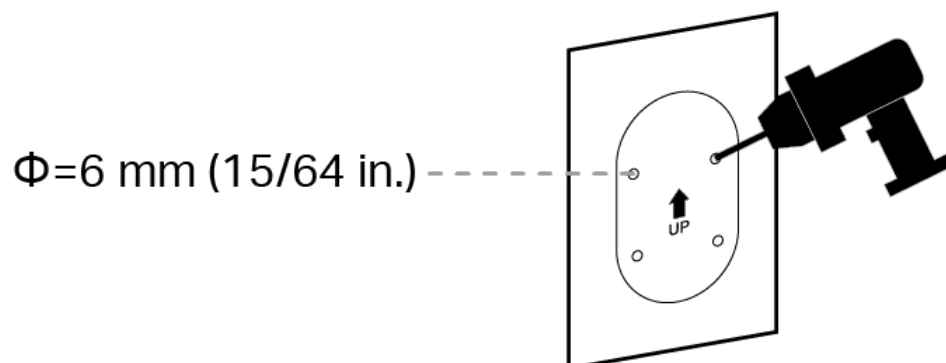


*You can adjust the sensitivity in Camera Settings > Detection > Wake-Up Sensitivity.

Option 1. Mount Solar Panel & Camera Together

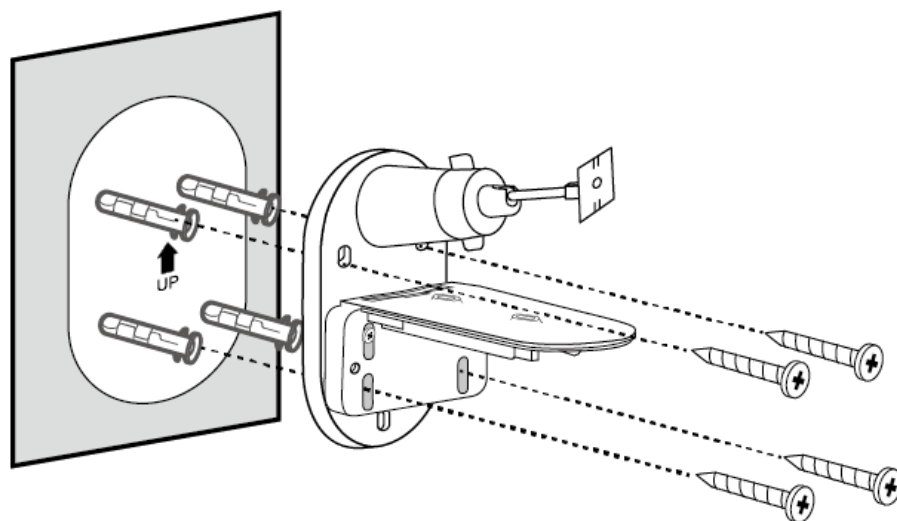
1. Drill Holes

Stick the mounting template sticker to a solid and level wall surface. Drill four screw holes according to the template.



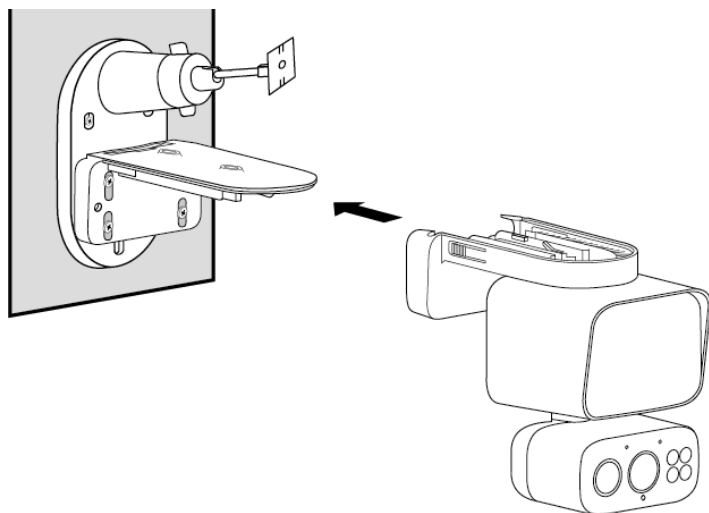
2. Secure the Bracket

Insert four anchors into the holes and use the screws to affix the bracket over the anchors.



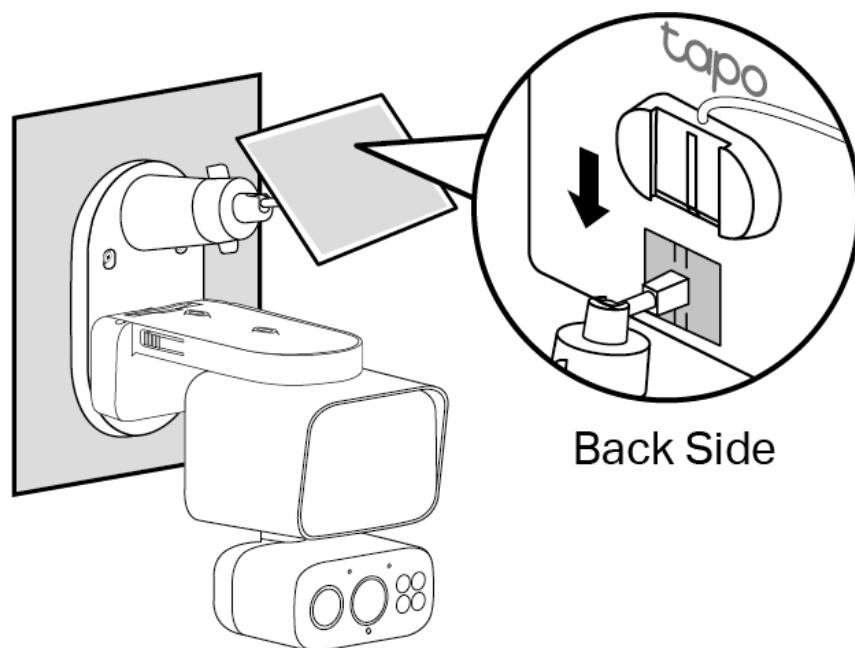
3. Attach the Camera

Slide the camera onto the camera bracket until it clicks into place.



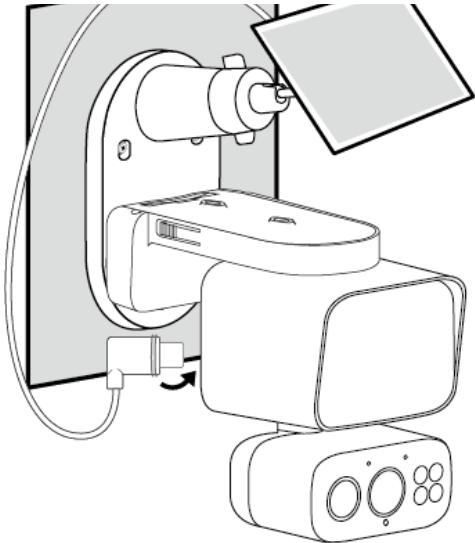
4. Install the Solar Panel

Slide the solar panel onto the solar panel mounting bracket until it clicks into place.



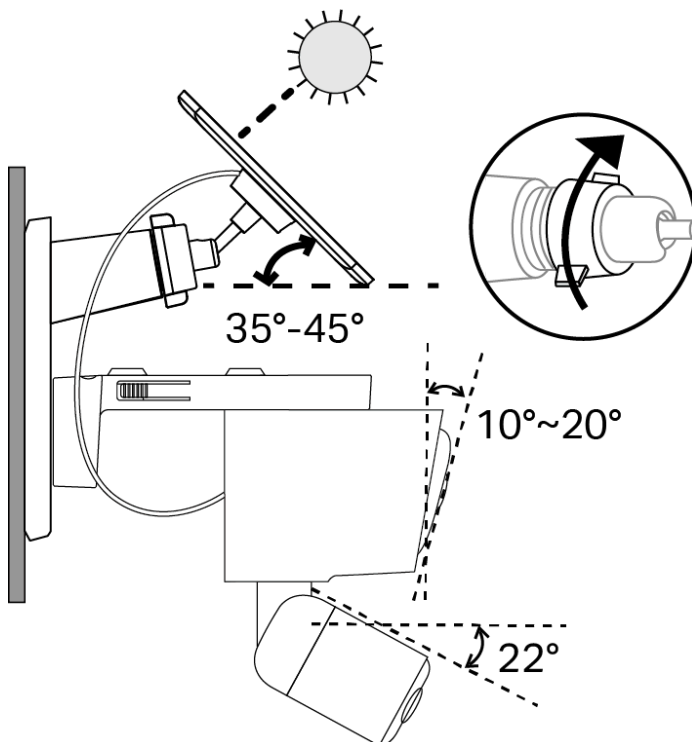
5. Connect the Camera to Solar Panel

Insert the connector into the camera's charging port until it is snug to begin charging.



6. Adjust Camera & Solar Panel Angle

- 1) Loosen the adjustable screw, tilt the solar panel to adjust the angle, and then tighten the adjustable screw. The recommended tilt angle between the panel and the horizontal ground is $35^{\circ} \sim 45^{\circ}$.
- 2) Tilt the camera lens down at an angle of about 22° . Adjust the angle of the floodlight to light up your monitoring area.

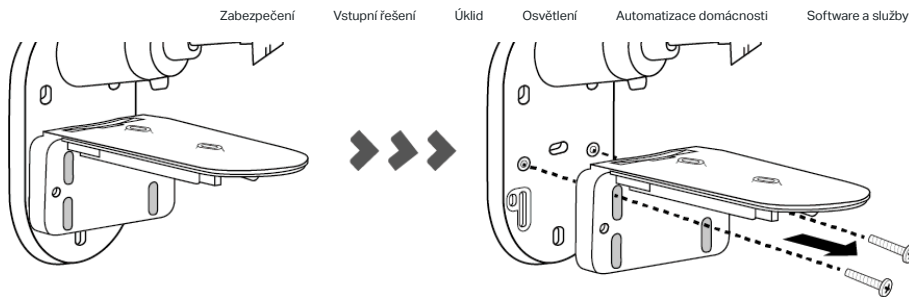


Option 2: Individually Mount the Camera & Solar Panel

Mount the Camera



Before you start, separate the camera bracket and the solar panel bracket by unscrewing the two bracket screws.

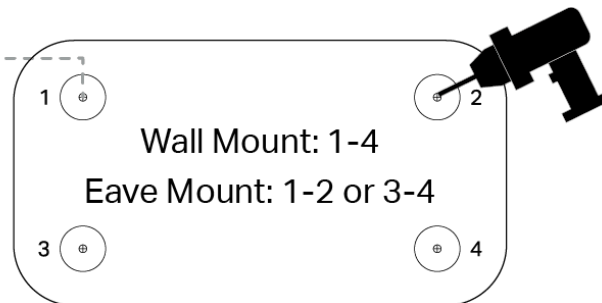


A: Wall Mount/Eave Mount

1. Drill Holes

Apply the mounting template sticker to a solid and level wall surface. Drill **four holes (Wall Mount)** or **two holes (Eave Mount)** according to the template.

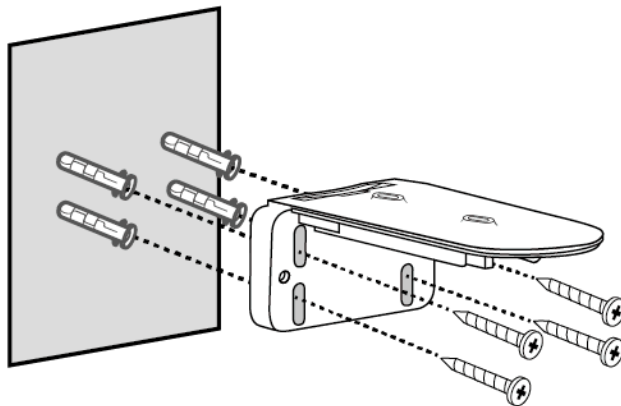
$\Phi=6$ mm (15/64 in.)



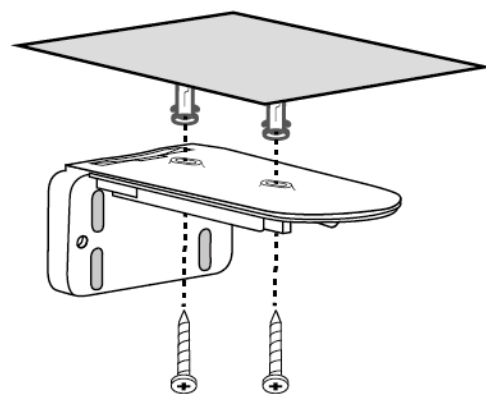
2. Secure the Bracket

Insert four anchors (Wall Mount) or two anchors (Eave Mount) into the holes and use the screws to affix the camera bracket over the anchors.

Wall Mount



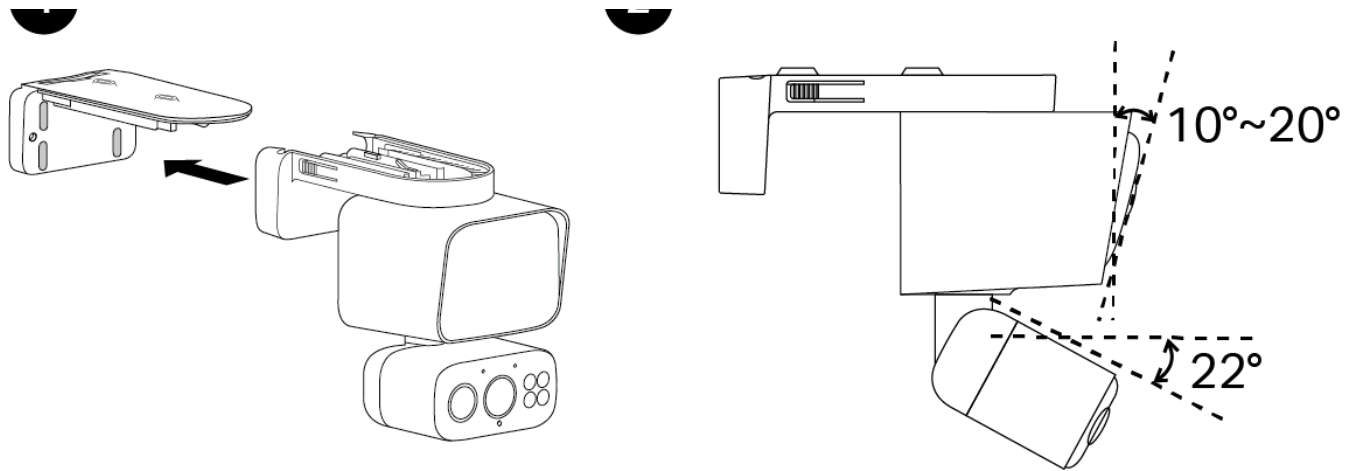
Eave Mount



3. Install the Camera

Slide the camera onto the camera bracket until it clicks into place. Tilt the camera lens down at an angle of about 22°. Adjust the angle of the floodlight to light up your monitoring area.

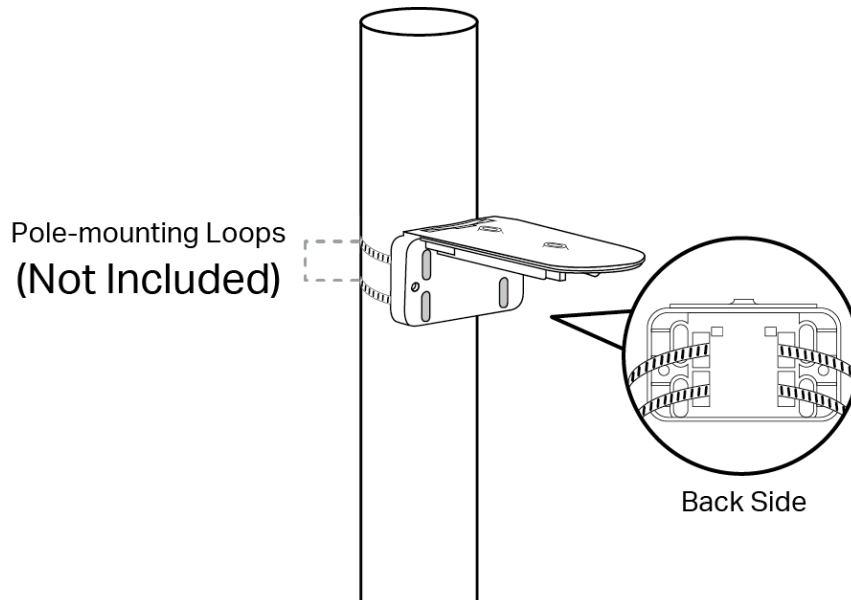




B: Pole Mount

1. Secure the Bracket

Mount the bracket on the pole using two pole-mounting loops (loop width ≤ 12 mm).



2. Install the Camera

Slide the camera onto the camera bracket until it clicks into place. Tilt the camera lens down at an angle of about 22° . Adjust the angle of the floodlight to light up your monitoring area.

Zabezpečení

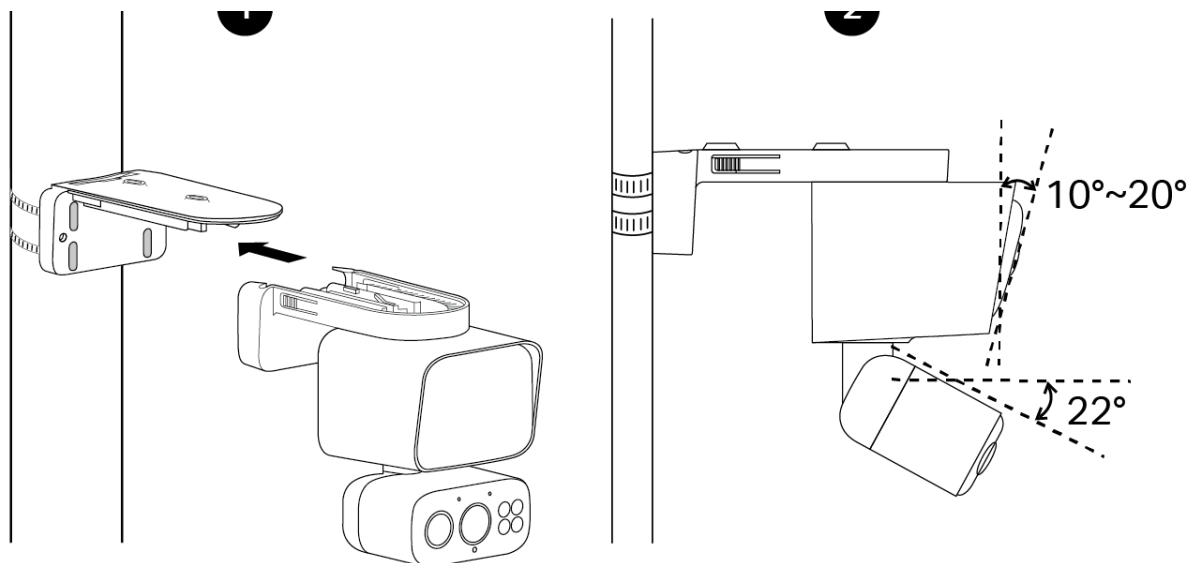
Vstupní řešení

Úklid

Osvětlení

Automatizace domácnosti

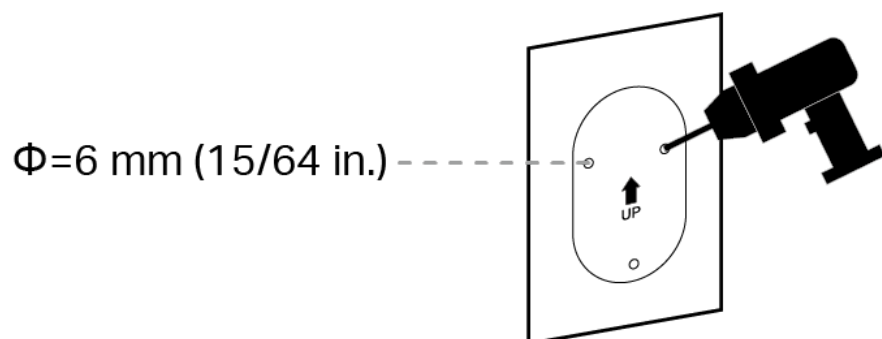
Software a služby



Mount the Solar Panel

1. Drill Holes

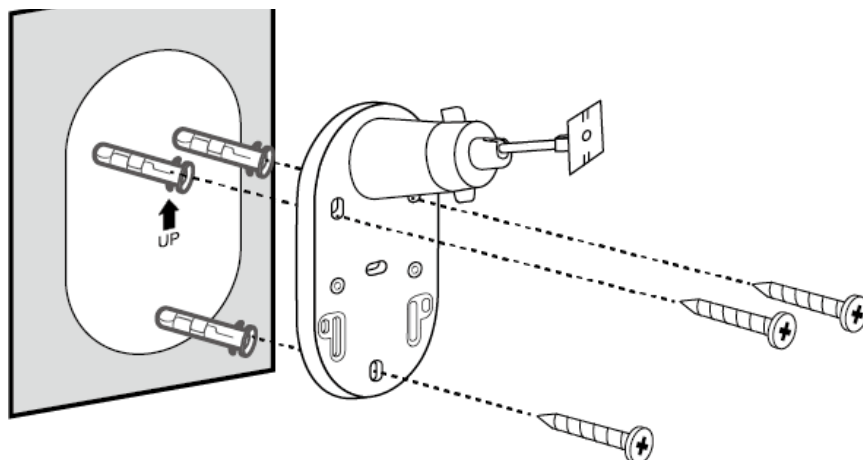
Stick the mounting template sticker to a solid and level wall surface. Drill three holes according to the template.



2. Secure the Bracket

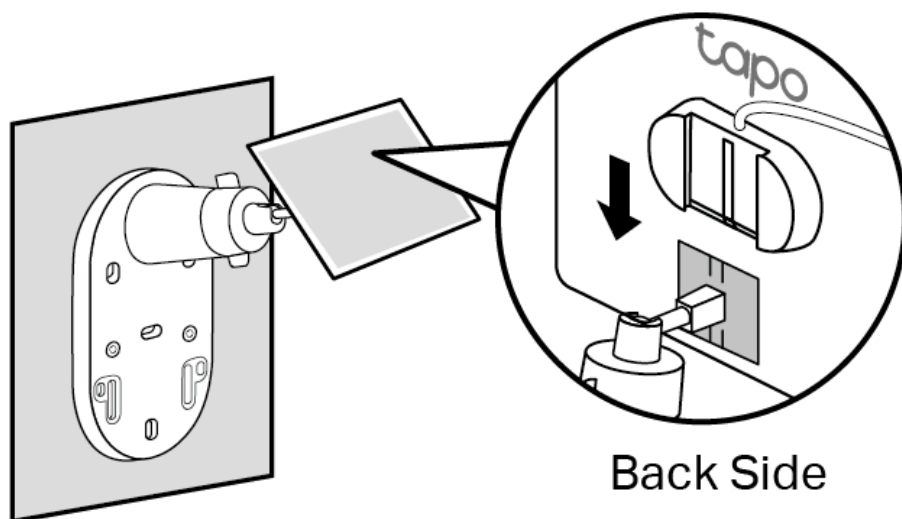
Insert three anchors into the holes and use the screws to affix the camera bracket over the anchors.

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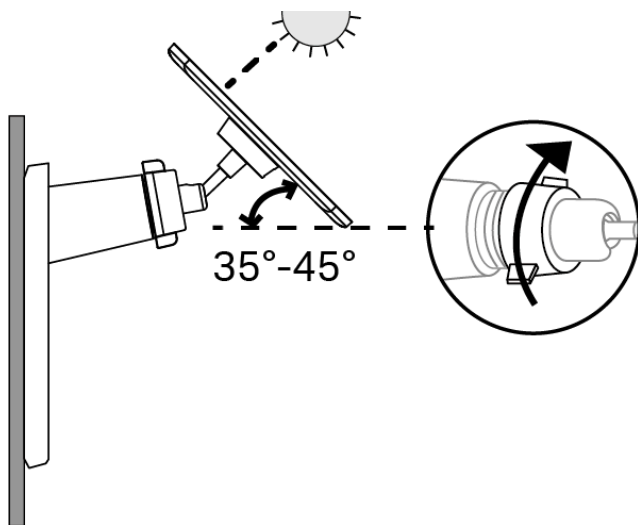
3. Install the Solar Panel

Slide the solar panel onto the solar panel mounting bracket until it clicks into place.



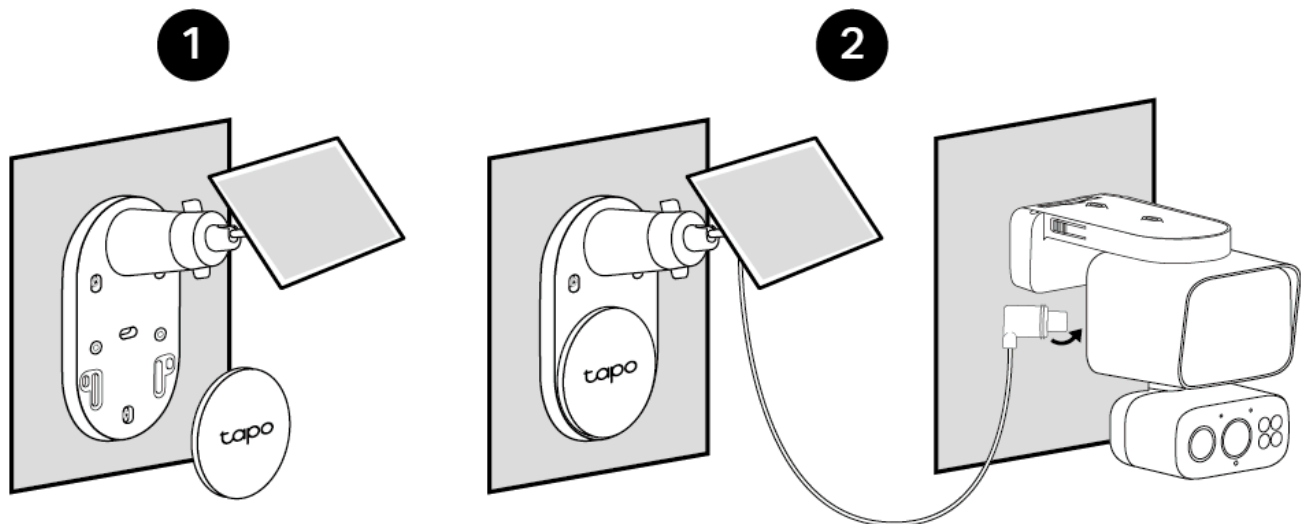
4. Adjust the Solar Panel Angle

Loosen the adjustable screw, tilt the solar panel to adjust the angle, and then tighten the adjustable screw. The recommended tilt angle between the panel and the horizontal ground is 35° ~ 45°.



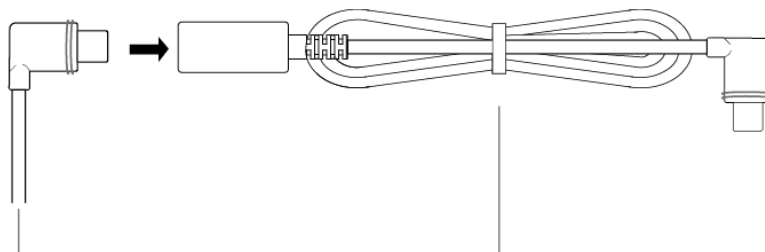
5. Install the Base Cover and Connect to the Camera

Install the base cover. Then insert the connector into the camera's charging port until it is snug to begin charging.



If the power cable is too short...

Extend the power cable using the provided extension cable. Insert the connector into the extension cable until snug and use the appropriate gasket when connecting the solar panel to your camera.

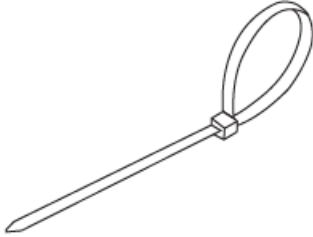


Solar Panel Connector

Extension Cable



Use the cable zip tie provided to bundle up the excess cable. Once tightened, the zip tie cannot be easily adjusted. To release the tie, you will need to cut the zip tie.



Support

For technical support, the setup videos, FAQs, warranty and more, please visit

<https://www.tapo.com/support/>



Authentication

FCC compliance information statement



Product Name: Solar-Powered Floodlight Pan/Tilt Security Camera Kit

Model Number: Tapo C615F KIT

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

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:

This device may not cause harmful interference.

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.

Issue Date: 2026-05-18

CE Mark Warning



OPERATING FREQUENCY (the maximum transmitted power)

2412MHz—2472MHz (20dBm)

EU Declaration of Conformity

TP-Link hereby declares that the battery camera 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 solar panel is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at <https://www.tapo.com/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.

UKCA Mark



UK Declaration of Conformity

TP-Link hereby declares that the battery camera 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/>.

TP-Link hereby declares that the solar panel is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016.

The original UK declaration of conformity may be found at <https://www.tapo.com/support/ukca/>.

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.



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'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.

CAN ICES-003(B)/NMB-003(B)



Korea Warning Statements:

당해 무선설비는 운용중 전파혼신 가능성이 있음.

NCC Notice & BSMI Notice

注意！

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。

為避免本器材影像畫面遭偷窺或擷取，本器材使用者應先修改預設密碼，並定期更新密碼。

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。

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。

不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。

請勿將本產品浸入水或者其他液體中。

安裝高度不得超過 2 公尺。

請使用符合BSMI認證的電源供應器並其輸出需符合LPS/PS2。

電池攝影機工作溫度：-20°C ~ 45°C (-4°F ~ 113°F)

限用物質含有情況標示聲明書

設備名稱：Solar-Powered Floodlight Pan/Tilt Security Camera Kit

型號 (型式)：Tapo C615F K

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	○	○	○	○	○	○
USB 線	○	○	○	○	○	○
其他 及	-	○	○	○	○	

Equipment name

Type designation (Type)

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.



Продукт сертифіковано згідно з правилами системи УкрСЕПРО на відповідність вимогам нормативних>Продукт сертифіковано згідно з правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.



Safety Information

For Solar Panel:

- 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.

For Battery Camera:

- This equipment can be powered only by equipment that complies 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 the device where wireless devices are not allowed.
- When using a USB charger, make sure the charger is easily accessible.



- 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 adequately 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.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life, the whole luminaire shall be replaced.
- Operating Temperature: -20 °C ~ 45 °C (-4 °F ~ 113 °F)
- Weight of the floodlight camera (solar panel excluded): 680 g (23.99 oz)
- Maximum projected area of the floodlight: 14739.6 mm² (22.85 sq in)

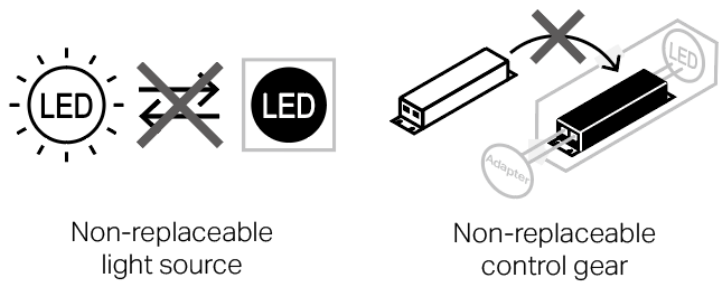
CAUTION!

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.



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
符號解釋	解釋
	Class II equipment Class II 設備
	Class II equipment with functional earthing 具有功能接地的Class II 設備
	Alternating current 交流電
	DC voltage 直流電壓
	Polarity of output terminals 輸出端子極性
	Indoor use only 僅限室內使用
	Dangerous voltage 危險電壓
	Caution, risk of electric shock 注意，有觸電危險
	Energy efficiency Marking 能源效率標示

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符號解釋

解釋

	Protective earth 保護地線
	Earth 地線
	Frame or chassis 機架接地
	Functional earthing 功能地線
	Caution, hot surface 警告 · 表面高溫
	Caution 警告
	Operator's manual 操作手冊
	Stand-by 待機
	"ON"/"OFF" (push-push) 「開」 / 「關」 (按壓式)
	Fuse 保險絲
	Fuse is used in neutral N 保險絲用於中性線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. 回收利用

符號解釋 解釋

	本產品標示有「廢棄電氣電子設備（WEEE）」的分類回收標誌。這表示本產品必須依據歐盟指令 2012/19/EU 進行妥善回收或拆解，以減少對環境的影響。 使用者可選擇將本產品交給合格的回收機構，或在購買新電器或電子設備時，交回給零售商進行回收處理。
	Caution, avoid listening at high volume levels for long periods 注意，避免長時間以高音量收聽
	Disconnection, all power plugs 斷開所有電源插頭

Produkt

Zabezpečení

Vstupní řešení

Úklid

Osvětlení

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Tapo Care

Podpora

Podpora

O nás

O nás

Novinky a články

Aplikace ke stažení



Seznam zápatí Tapo

Zásady ochrany soukromí

Podmínky používání