TP-Link | tapo

User Guide
Smart Floodlight Camera

Contents

About This Guide

This guide provides a brief introduction to the Smart Floodlight 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

Light the Night Up with Ultra-Bright Floodlights

Upgrade your outdoor security with 2800lm motion-activated floodlights, 2K QHD full-color video, integrated siren, and more. Monitor your yard from anywhere, day and night.

- **2800lm Angle-Adjustable Floodlights** – Light up your yard, garage, or any other specific zone with high-intensity 2800 lumens and angle-adjustable lighting.

- **2K QHD Color Night Vision** – Enhances your security with crystal-clear 2K QHD full-color images and vivid details even at night.

- **Motion-Activated** – Deftly identifies moving objects and turns on the floodlights within a 270°detection zone.

- **Customizable Sound Alarm** – Record your customized audio as an alarm that plays when motion is detected.

- **Smart AI Detection with Motion Tagging** – Check live views with tagged movement when a person, pet, vehicle is detected.

- **270° Motion-Activated Floodlights** – Deftly identifies moving objects and turns on the floodlights automatically within a 270° detection zone.

- **150° Wide FOV** – A wide FOV up to 150° provides a larger detection range covering more space.

- **Two-Way Audio** – Enables communication through a built-in microphone and speaker.

- **IP65 Weatherproof** – Offers excellent waterproof and dustproof performance for outdoor scenarios.

- **Local and Cloud Storage** – Save recorded video on a microSD card* (up to 512 GB). No subscription required. Cloud storage** is also supported for added flexibility.
  *microSD card needs to be purchased separately. Actual storage capacity depends on the size of the microSD card used.
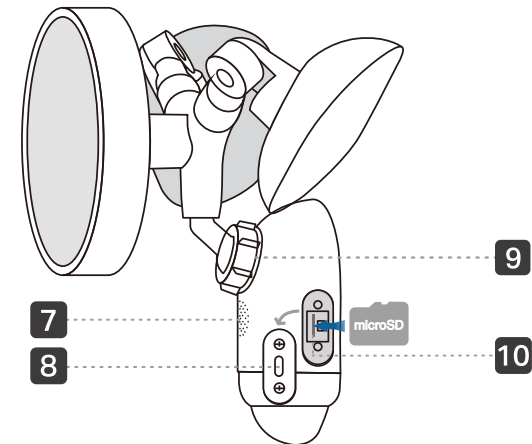 **Subscribe for cloud storage at https://www.tapo.com/tapocare/

Appearance

Front
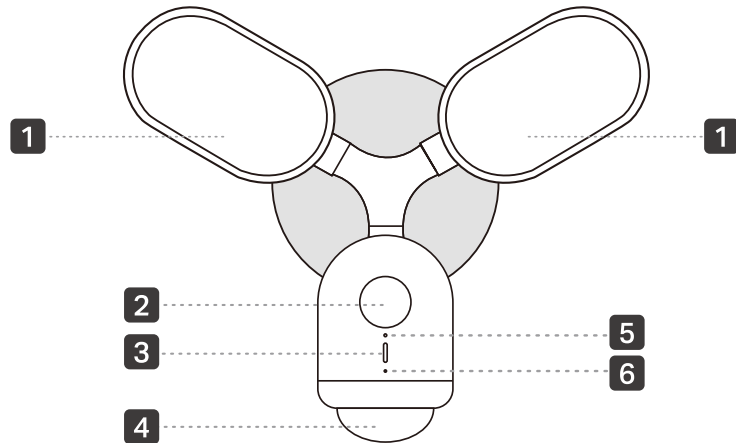
1	Floodlights	3	System LED	5	Light Sensor
2	Camera Lens	4	Motion Sensor	6	Microphone

Side

7	Speaker	9	Camera Adjustment Knob
8	Reset button*	10	microSD Card Slot**

*Reset Button

While the camera is powered on, press and hold the RESET button for at least 5 seconds until the System LED blinks red. The camera will reset and reboot.

**microSD Card Slot

Loosen the screws and insert a microSD card. Initialize it on the Tapo app for local recording.

microSD card not included

**Size of Cover Screws:**
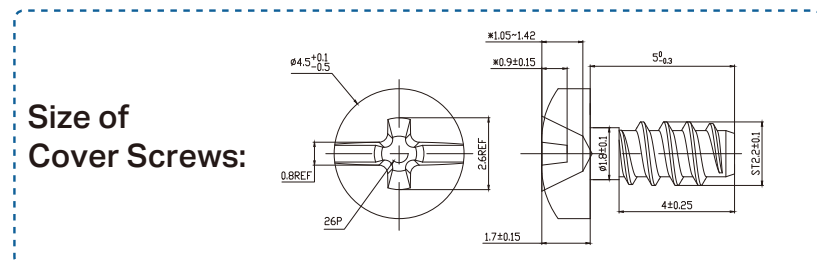
System LED Indication

|	
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

Mount Your Camera

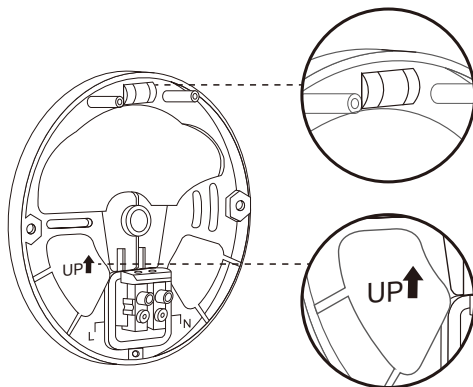You can mount your Tapo smart floodlight camera vertically on a wall or overhang under an eave. Make sure the area has a strong Wi-Fi signal.
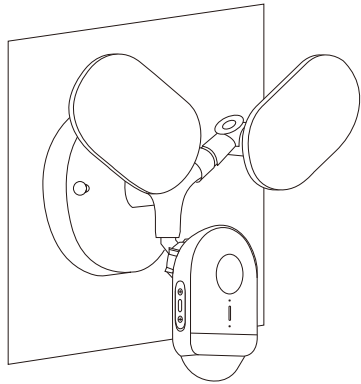
Wall Mount

OR
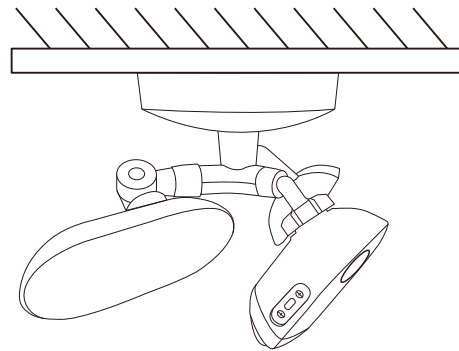
Eave Mount

For Wall Mount

Ensure the UP arrow on the bracket points up.

*To install horizontally, adjust the bracket to ensure the air bubble in the level is centered.

For Eave Mount

Point the UP arrow on the bracket towards your house.

Before You Start

WARNING: Risk of Electric Shocks

• Disconnect power at the fuse or circuit breaker before installing.

• Verify that the power supply voltage is correct. Connect fixture to a 110-240 VAC 50/60 Hz power source.

• Always follow code standards when installing wired connections.

• Install only on a UL-listed junction box or on a wall with a Neutral wire and a Line wire.

• An all-pole mains switch shall be incorporated in the electrical installation of the building. And the contact separation of the switch shall not be less than 3 mm.

• You can always find detailed wiring and mounting instructions in the Tapo app.

Download on the App Store
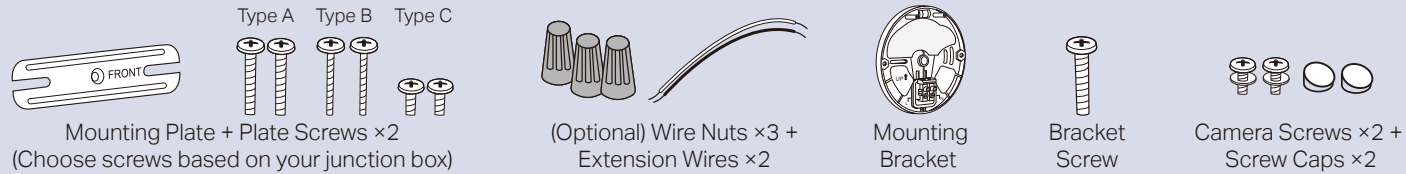
GET IT ON Google Play

OR

If you are unfamiliar with basic electrical wiring, please consult a licensed electrician.

NOTICE

• Do not install near combustible or flammable surfaces.

• Do not connect this light fixture to a dimmer switch or timer.

Option 1: Install on an existing junction box

The floodlight camera can be mounted on a junction box on a wall or under an eave. Accessories as below may vary from US and EU versions.

Type A Type B Type C

Mounting Plate + Plate Screws ×2
(Choose screws based on your junction box)

(Optional) Wire Nuts ×3 +
Extension Wires ×2

Mounting
Bracket

Bracket
Screw

Camera Screws ×2 +
Screw Caps ×2

1

Turn off the circuit breaker. Make sure the power is off by turning your light on and off a few times.

⚠ Take care to avoid electric shocks.
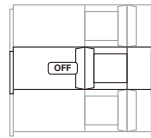
2

Remove the existing floodlight camera and disconnect wires from the junction box.
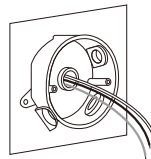
3

Choose a pair of plate screws based on your junction box. Install the mounting plate to the junction box.

4
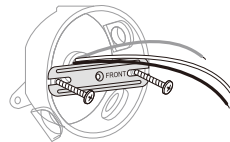
Cover the Ground wire (usually green/green and yellow) with the provided wire nut. Route the Neutral wire (usually white/blue) and the Line wire (usually black/brown/red) through the bracket.

Note: To identify wire colors, you can refer to
https://www.tp-link.com/support/faq/3474/

5
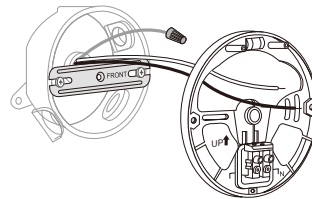
Connect the Neutral and Line wires (recommended strip length: 10-15 mm [0.4-0.6 in.]) to the silicone holes in the bracket. Secure the wires with a slotted screwdriver.

Note: Do not expose stripped wires outside the waterproof silicone holes. If the wires are too short, stiff, or soft to connect, refer to https://www.tp-link.com/support/faq/3883/

L (Line)   N (Neutral)

6
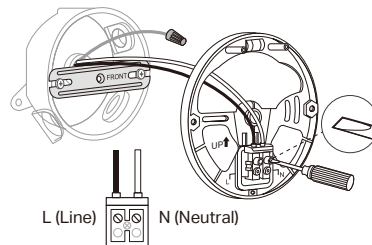
Hide the wires in the junction box.
Attach the bracket to the mounting plate on the junction box with the bracket screw.
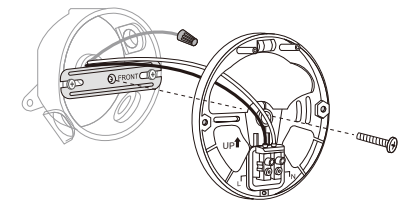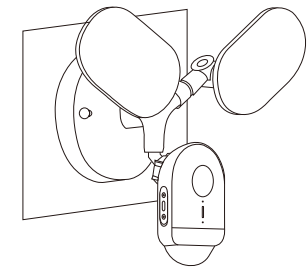
7

Insert the camera screws into the screw holes.
Align the mounting posts on the bracket with the holes on the floodlight camera.
Tighten the camera screws in the screw holes to secure the floodlight camera to the bracket.
Insert the screw caps into the screw holes.
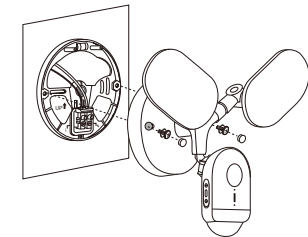
8

Adjust the camera and light position to the desired angles.

9

Turn on the circuit breaker. Wait until the System LED blinks red and green for setup.

Note: Floodlights are auto-on in darkness upon power-up. Avoid direct eye contact at close range to prevent eye injury.

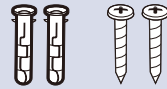# Option 2: Install with existing electrical wires

Install where the Neutral wire and Line wire are available. Accessories as below may vary from US and EU versions.
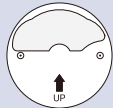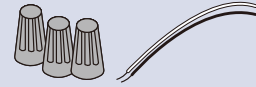
Mounting Template
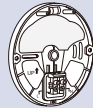
Mounting Bracket

Anchors ×2 + Mounting Screws ×2
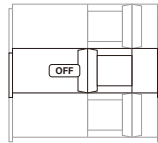
(Optional) Wire Nuts ×3 + Extension Wires ×2
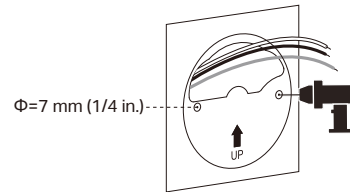
Camera Screws ×2 + Screw Caps ×2

1

Turn off the circuit breaker. Make sure the power is off by turning your light on and off a few times.
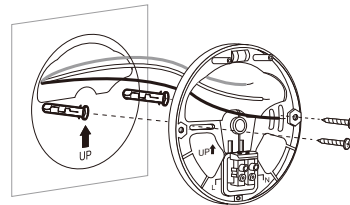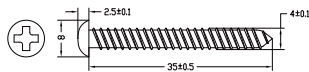
⚠ Take care to avoid electric shocks.

2

Route the wires through the mounting template and place the template. Drill two holes where indicated.

Φ=7 mm (1/4 in.)

3

Insert two wall anchors into the holes. Route the wires through the mounting bracket. Use the screws to affix the bracket over the anchors.
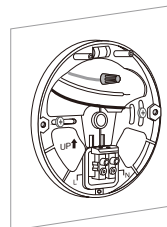
Size of Mounting Screws:

2.5±0.1   4±0.1   8   35±0.5

4

Cover the Ground wire (usually green/green and yellow) with the provided wire nut.

Note: To identify wire colors, you can refer to
https://www.tp-link.com/support/faq/3474/

5

Connect the Neutral (usually white/blue) and the Line (usually black/brown/red) wires (recommended strip length: 10-15 mm [0.4-0.6 in.]) to the silicone holes in the bracket. Secure the wires with a slotted screwdriver.

Note: Do not expose stripped wires outside the waterproof silicone holes. If the wires are too short, stiff, or soft to connect, refer to https://www.tp-link.com/support/faq/3883/
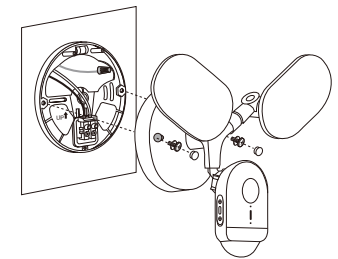
L (Line)   N (Neutral)

6
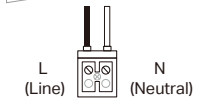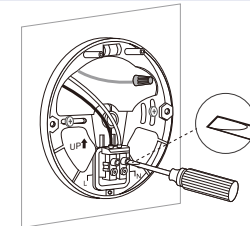
Hide the wires in the bracket.

Insert the camera screws into the screw holes.

Align the mounting posts on the bracket with the holes on the floodlight camera.

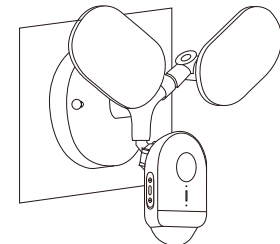Tighten the camera screws in the screw holes to secure the floodlight camera to the bracket.

Insert the screw caps into the screw holes.

7

Adjust the camera and light position to the desired angles.

8

Turn on the circuit breaker. Wait until the System LED blinks red and green for setup.

Note: Floodlights are auto-on in darkness upon power-up. Avoid direct eye contact at close range to prevent eye injury.

Set Up Your Camera

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

Step 1. Download Tapo App

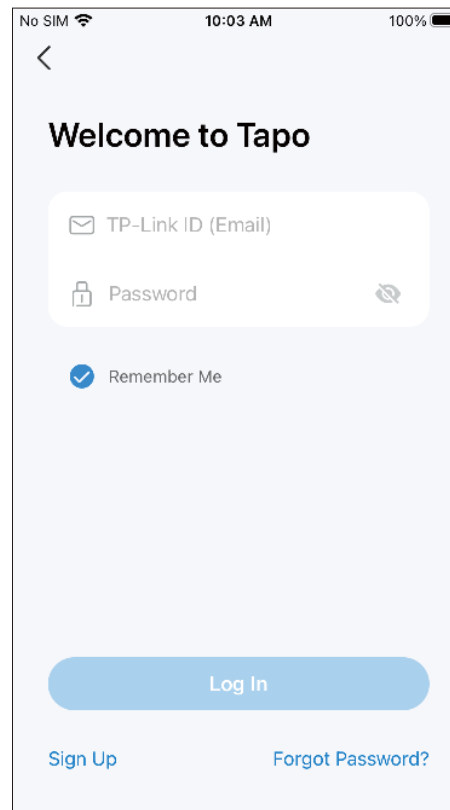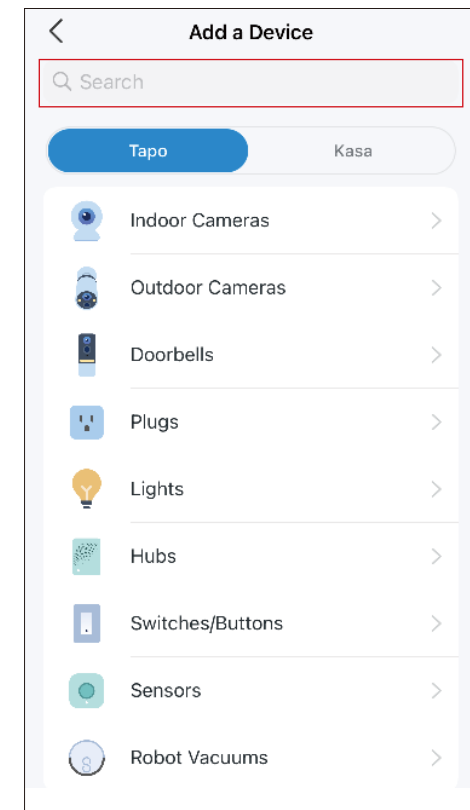Get the Tapo app from the App Store or Google Play, or by scanning the QR code below.

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

Set Up Using Amazon Frustration-Free Setup

⚑Note: Only Tapo C720 supports 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
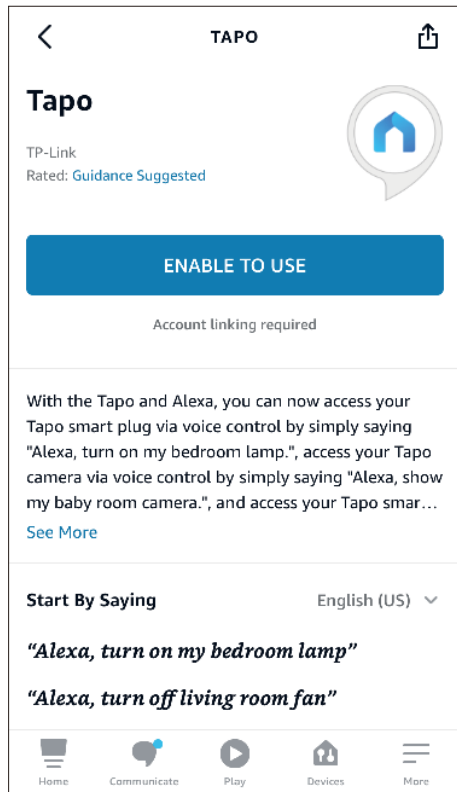
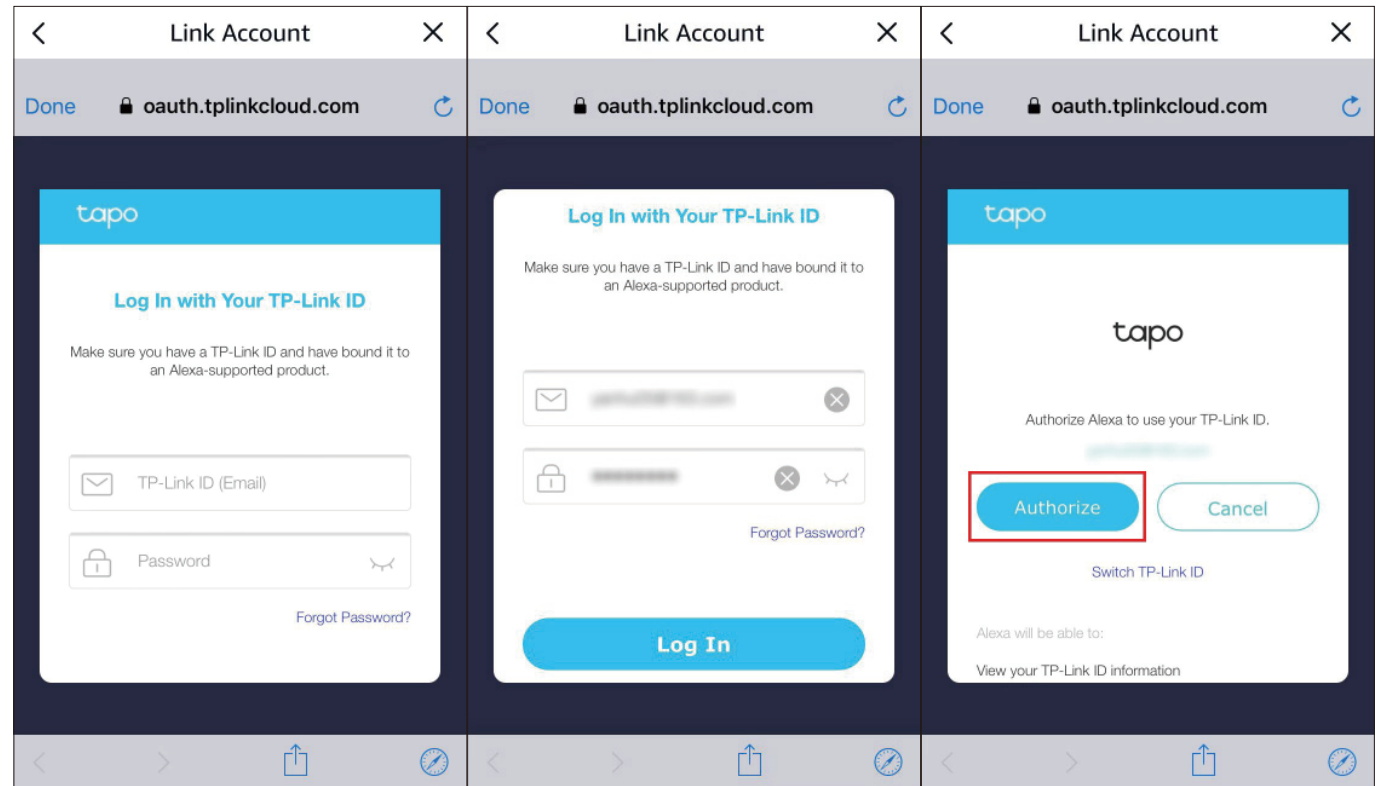1. Open the Amazon Alexa app. Then tap More and select Skills & Games.
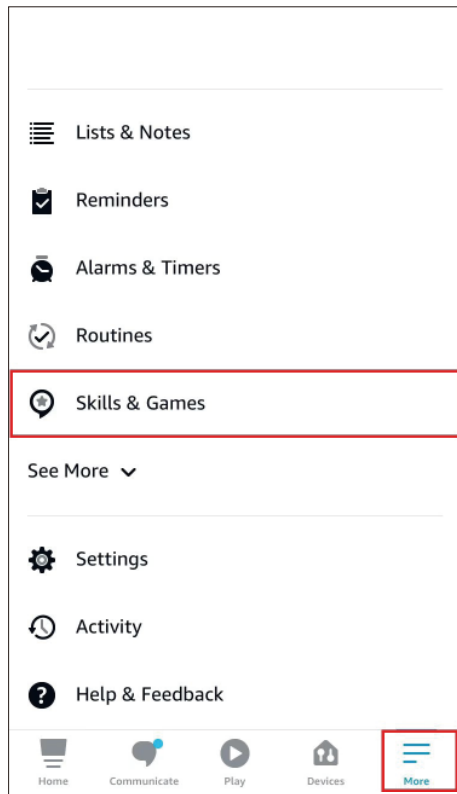
2. Enter Tapo in the search bar and choose Tapo.
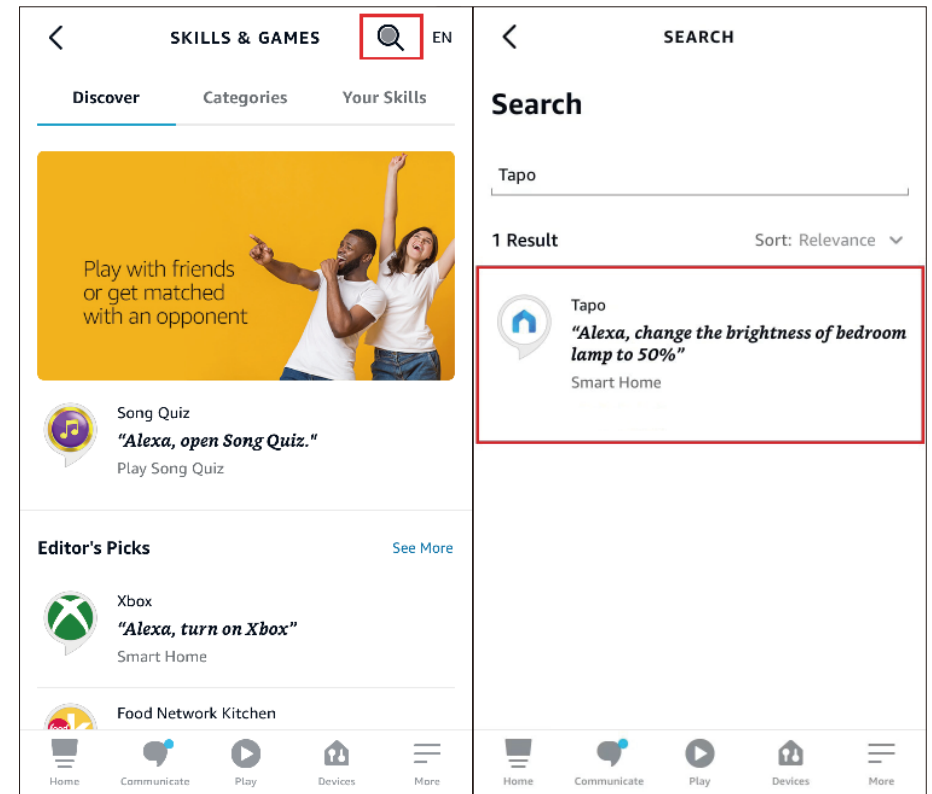
3. Tap the ENABLE TO USE button.

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.)

Authentication

FCC compliance information statement

Product Name: Smart Floodlight Camera

Model Number: Tapo C720/TC55/TC53

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 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 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.

Issue Date: 2024-04-26

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.

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/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.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR 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'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, meme 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.

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)

Korea Warning Statements:

당해 무선설비는 운용중 전파혼신 가능성이 있음.

NCC Notice & BSMI Notice

注意！

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

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。
- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 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。

限用物質含有情況標示聲明書

設備名稱：Smart Floodlight Camera Equipment name	型號（型式）：Tapo C720/TC55/TC53 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	○	○	○	○	○	○
電源供應板	—	○	○	○	○	○
其他及其 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 с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.

EAC

Safety Information

• 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 device where wireless devices are not allowed.

• Do not use the product if the casing has been broken. Danger of electric shock.

• Never touch the product with wet hands.

• It is NOT recommended to expose this product 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 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.

- The product should be kept free from excessive smoke, dust or high temperature and vibration.

- Avoid direct sunlight for better performance.

- Do not place heavy objects on top of the product.

- 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 ℃ ~ 45 ℃ (-4 ℉ ~ 113 ℉)

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 back of the product. 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)