



User Guide

Tapo Smart IoT HUB

Tapo H100

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About This Guide

This guide provides a brief introduction to the Tapo Smart IoT Hub 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 experience.

Conventions

In this guide, the following convention is used:

Convention	Description
Blue	Key information appears in teal, including management page text such as menus, items, buttons and so on.
<u>Underline</u>	Hyperlinks are in teal 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

Tapo is the easy way to turn your home into a smart home. At the center of it all is the Tapo Hub. With superior ultra-low-power performance, Tapo Hub connects wirelessly with a wide range of Tapo accessories. So you can easily control and monitor your home from anywhere.

- **Smart IoT Hub** – Uses a long-distance, low-power wireless protocol to connect to battery-powered Tapo devices.
- **Smart Alarm** – Protect your home security by coordinating with Tapo smart sensors (motion sensor, window/door sensor, and more).
- **Smart Doorbell** – Easily build your smart doorbell system, by installing the Tapo smart button on the door.
- **19 Ringtones** – 90 DB built-in multiple ringtones for your customized scenarios.
- **Up to 64 Devices** – Connect multiple devices to create a smart ecosystem for your home.
- **Protection Mode** – 4 different protection modes (Home/Away/Sleep/OFF) provided to arm and disarm your home by setting different sensors as trigger devices.
- **Device Sharing** – Invite your family members to manage the hub together.

Appearance

Image may differ from actual product due to different regional power specifications. Here we use the UK version as an example.



Speaker

SYNC Button:

- **Single press:**
Enter pairing mode;
Silence when ringing.
- **Press and hold for 5 seconds:**
Only reset Wi-Fi settings and keep other settings.
- **Press and hold for 10 seconds:**
Restore your hub to factory default settings.

Status LED

- **Solid blue:** Starting up
- **Blinking orange and blue:** Ready for setup
- **Blinking orange:** Connecting to Wi-Fi
- **Solid blue:** Connected to Wi-Fi
- **Blinking blue slowly:** Pairing with Tapo accessory
- **Solid orange:** Offline

Set Up Your Tapo Hub

Follow the steps below to get started with your Tapo Hub.

Step 1. Download Tapo App

Get the [Tapo](#) app from the App Store or Google Play, or by scanning the QR code below.

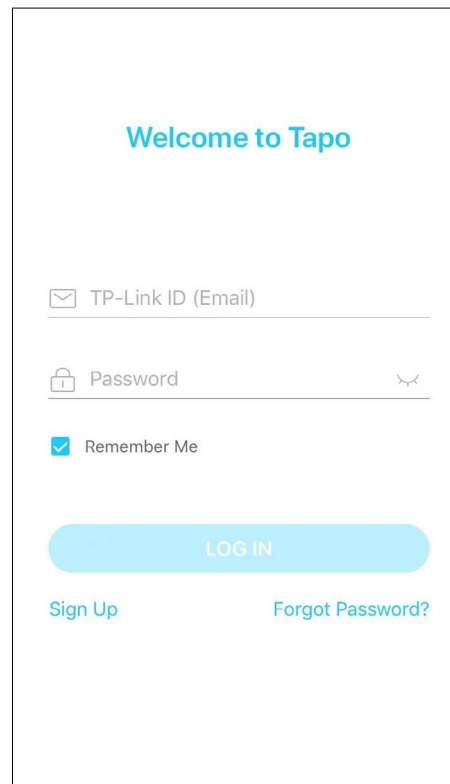


OR




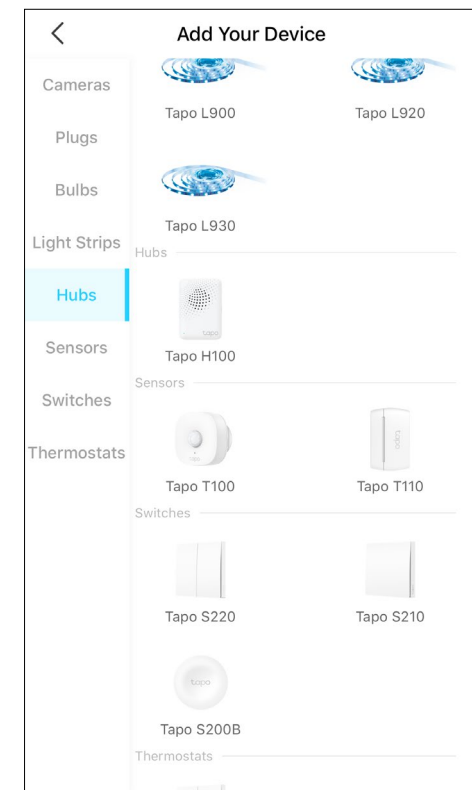
Step 2. Log In

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

The login screen of the Tapo app. It has a light blue header with "Welcome to Tapo". Below it are two input fields: "TP-Link ID (Email)" and "Password". There is a "Remember Me" checkbox. A large blue "LOG IN" button is in the center. At the bottom, there are links for "Sign Up" and "Forgot Password?".

Step 3. Add Your Hub

Tap the  button in the app, tap [Hubs](#), and select [Tapo H100](#). Follow the app instructions to complete setup.



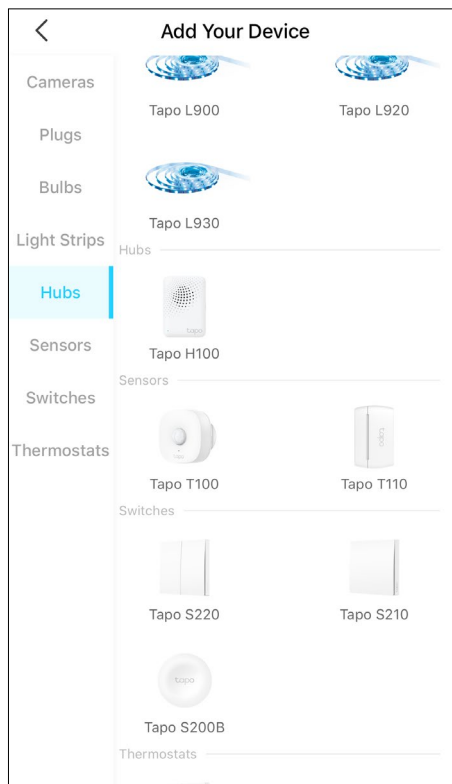
Pair with Tapo Accessories

There are 2 methods to pair and connect the Tapo accessories (sensors, buttons, switches, thermostat and more) to your Tapo Hub. Before you start, make sure your Tapo hub has been set up and is online.

Note: There are 3 kinds of connection states of the hub, including Light, Moderate, and Dense. For optimal performance, avoid connecting more devices when the connection is Dense.

Method 1: Use Tapo App

Open the Tapo app and tap + on the top right. Select the Tapo accessory you want to connect to the hub and follow the app instructions to complete pairing.



Method 2: Use Hub's SYNC Button

1. Refer to the user manual for how to put your Tapo accessory in pairing mode.
2. Single press the SYNC button on your hub for 1 second to enter pairing mode and the LED should blink blue.



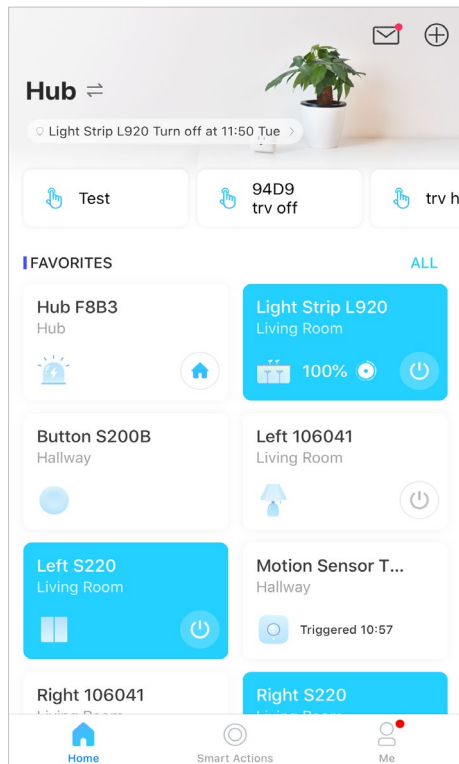
3. After pairing complete, you will find your Tapo accessory shown in the home page of the Tapo app. Refresh the home page if you couldn't find it.

Device Control

After successfully setting up your Tapo Hub, you will see the home page of the Tapo app. Here you can view the status of all devices that you've added and manage them. You can tap on the device to control and manage.

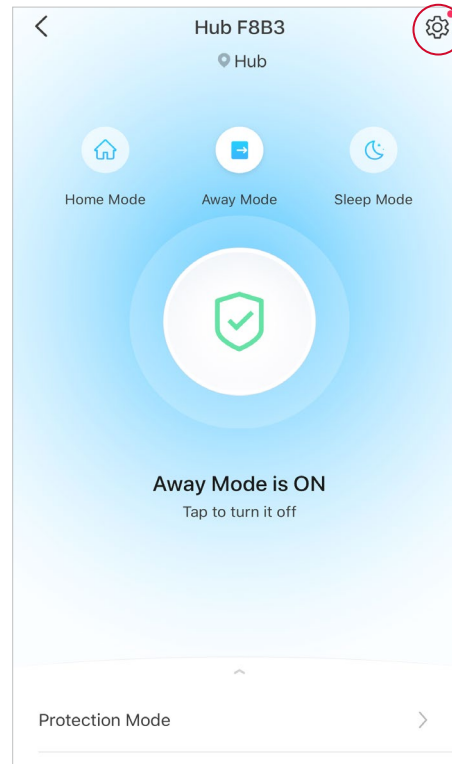
Home Page

You can view the brief status of your Tapo Hub anytime anywhere and tap the card to enter the status page.



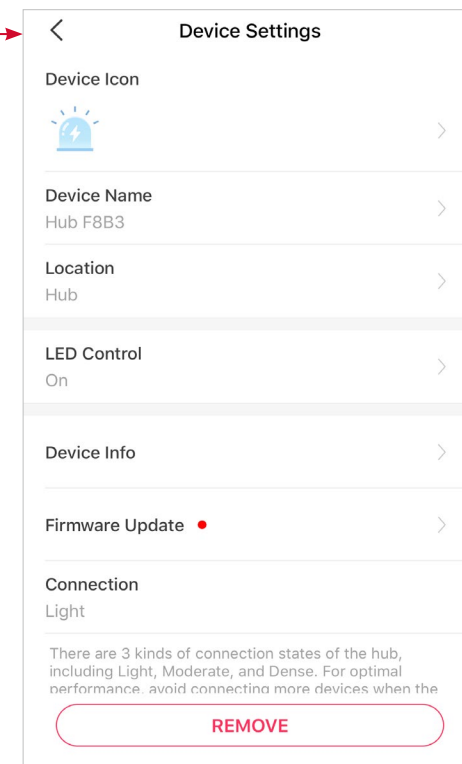
Device Status Page

You can tap the mode to enable protection mode with one tap. Tap Protection Mode to configure the settings.



Device Settings Page

You can edit the basic information, control the LED, update firmware, remove device and more.



Set Protection Mode

You can use different protection modes to arm and disarm your home. Set different sensors as trigger devices in different modes, then your hub will sound the alarm when the set sensors detect events. With Protection Mode, you can easily get in and out of your home without worrying about triggering an alarm.

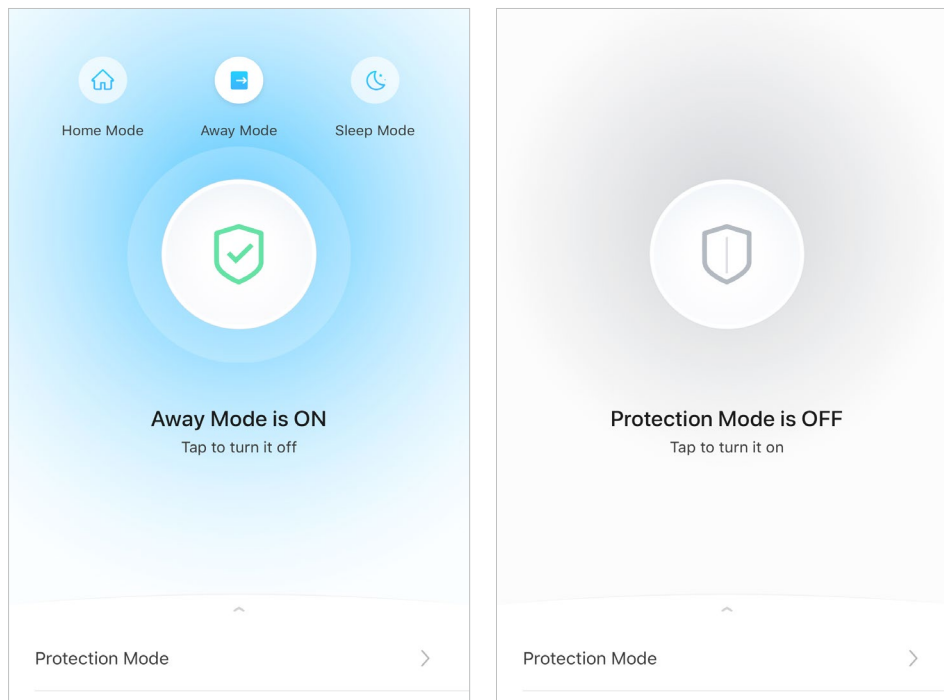
Your hub can be in 4 different protection modes and you can switch modes easily with a simple tap on the Tapo app.

Home Mode: Use this mode when you are at home. Set all outdoor sensors and door/window sensors as trigger devices to arm your home, then you could move freely in your home without triggering your indoor sensors.

Away Mode: Use this mode when you are at work or on vacation. Set all sensors as trigger devices to secure your home, then your hub will sound the alarm and you will get alerts when events are detected.

Sleep Mode: Use this mode when you are asleep. Set motion sensors for lighting as trigger devices for your convenience while set door/window sensors and outdoor sensors as trigger devices for security.

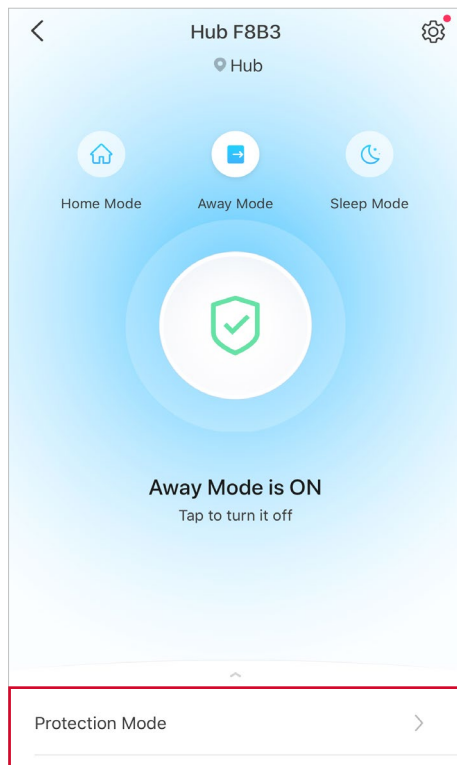
Protection Mode OFF: Use this mode only when you want to disarm. No sensors in your home will trigger the hub alarm.



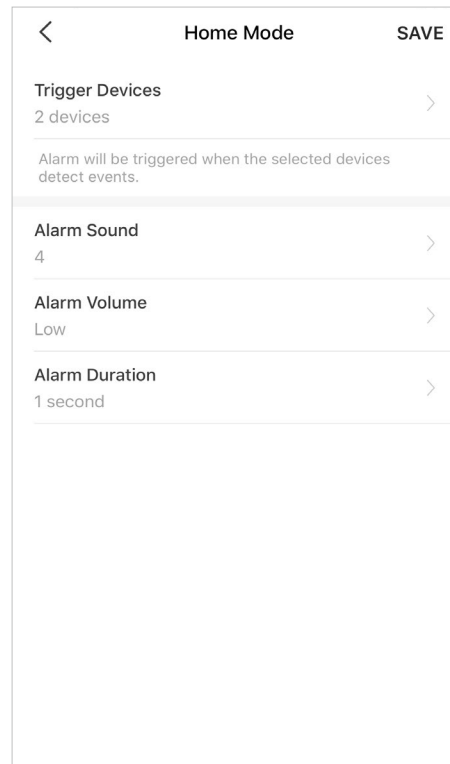
Set Protection Mode

Before setting protection mode, make sure you have set up your hub and at least one sensor.

1. Go to [Devicie Status](#) page. Tap [Protection Mode](#) at the bottom to go to mode settings page.



2. Tap [Home Mode](#) and enter the [Home Mode Settings](#) page to edit the mode perfect for you are at home.



[Trigger Devices](#): Select sensors to monitor your home when you are at home. Alarm will be triggered when the selected sensors detect events.

[Alarm Sound](#): Select the sound your hub will alarm when selected sensors detect events.

[Alarm Volume](#): Set the volume your hub will alarm when selected sensors detect events.

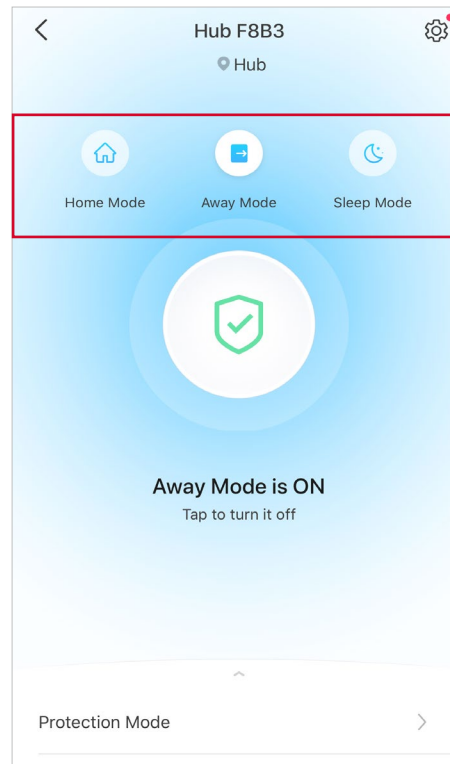
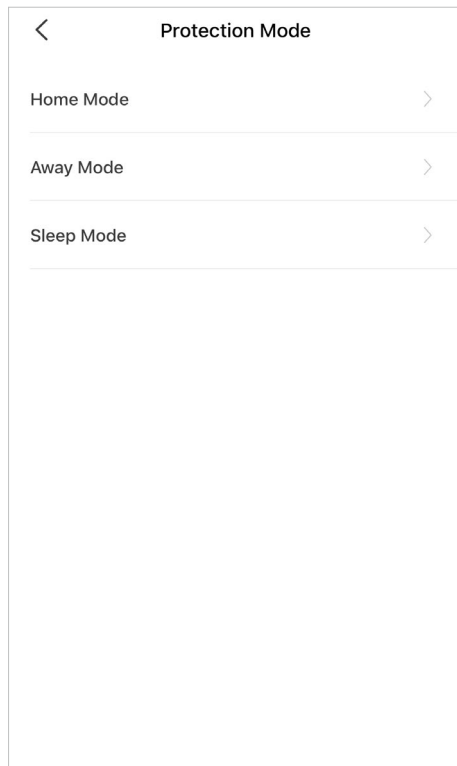
[Alarm Duration](#): Set how long your hub will alarm when selected sensors detect events.

Set Protection Mode

Before setting protection mode, make sure you have set up your hub and at least one sensor.

3. Repeat steps above for [Away Mode](#) and [Sleep Mode](#).

4. When all modes are set, go to the hub status page and tap the icon on the top to activate or deactivate the mode. If you don't activate any mode, the Protection Mode will be off.



Authentication

FCC Compliance Information Statement



Product Name: Tapo Smart IoT Hub

Model Number: Tapo H100

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:

- 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: 2021.8.9

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)

For EU/UK Version:

2400MHz~2483.5MHz / 20dBm

868MHz~868.6MHz / 25mW (e.r.p)

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.

Restricted to indoor use.



UKCA 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 complies with Industry Canada license-exempt RSSs. Operation is subject to the following two conditions:

- 1) This device may not cause interference, and
- 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'Industrie 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.

Industry Canada Statement

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

NCC 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。

BSMI Notice

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：Tapo Smart IoT Hub				型號（型式）：Tapo H100		
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	○	○	○	○	○	○
其他及其配件	—	○	○	○	○	○
<p>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</p> <p>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.</p> <p>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。</p> <p>Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p>備考3. “—” 係指該項限用物質為排除項目。</p> <p>Note 3: The “—” indicates that the restricted substance corresponds to the exemption.</p>						

Korea Warning Statements:

당해 무선설비는 운용중 전파혼신 가능성이 있음.



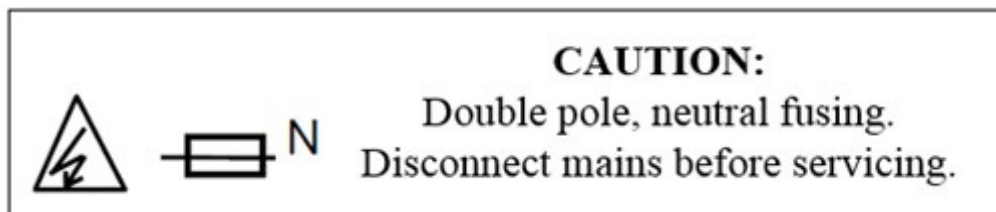
Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.



Safety Information





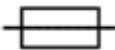




- Do not install in a socket facing downward.
- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use the device where wireless devices are not allowed.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- The devices are not intended for use in locations where the temperature may be less than actual room conditions, such as unheated warehouses or garages.
- For indoor use only.
- Do not overload power outlets. This can result in the risk of fire or electric shock.
- Completely insert the product into the power outlet. Failure to do so may cause electric shock and / or excessive heat resulting in fire.
- Regularly remove dust etc from the product by pulling it out from the power outlet and wiping with a DRY cloth. Accumulated dust may cause an insulation defect resulting in fire.
- Unplug from the power outlet if it emits smoke, has an abnormal smell or makes an unusual noise.
- Do not use the product if the casing has been broken. Danger of electric shock.
- Never touch the product with wet hands.

- Do not place near automatically controlled devices such as fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident.
- Do not use this product at a refuelling point.
- 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.
- Be careful to connect the following- cooking appliances, irons, other devices that generate a large amount of heat. There is a risk of fire, burns or injury. – power tools, electric machinery, or other devices that could cause injury and therefore must be used under direct careful observation. – heating or cooling devices or any type of device which could cause health risks particularly to the elderly or children.
- 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 use this product near water for example near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- The product should be kept free from excessive smoke, dust or high temperature and vibration.
- This product should not be exposed to direct sunlight.
- 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.
- Product should be kept away from heat sources such as radiators, cookers etc.- it should not be placed in rooms where the temperature is less than 0 degrees or greater than 40 degrees. Damp basements should also be avoided.
- This product may interfere with other electronic products such as TV, radios, personal computers, phones or other wireless devices.
- Operating Temperature: 0°C-40°C
- Operating Humidity: 10%-90%RH, Non-condensing
- Storage Humidity: 5%-90%RH, Non-condensing
- Function switch of Micro-gap construction / Micro-disconnection is used. Power is completely off only when the plug has been withdrawn from Tapo smart socket. Automatic action type of the integrated switch: Micro-disconnection (Type 1.B), Micro-gap construction (For UK version).



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

Symbol	Explanation
	Indoor use only
	AC voltage
	Caution
	Operator's manual
	Fuse
	Caution, risk of electric shock
	Class II equipment with functional earthing
	Class II equipment
	<p>RECYCLING</p> <p>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.</p> <p>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.</p>