User Guide

Mini Smart Wi-Fi Socket, Energy Monitoring

Tapo P110

Contents

About This Guide

This guide provides a brief introduction to the Mini Smart Wi-Fi Socket 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 or ISP. 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.
Underline	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/.

• The setup video can be found at https://www.tp-link.com/support/setup-video/.

Introduction

Tapo P110 is a compact home device that turns your typical electrical wall outlet into a controllable, customizable, and multi-functional outlet, enabling you to easily control your lights and household electronic devices via the Tapo app, no matter where you find yourself.

- **Energy Monitoring** – Manage your connected devices' real-time energy consumption and know which one is most power-hungry. Reduce unnecessary energy loss and lower your electric bills with the Schedule and Timer.

- **Remote Control** – Instantly turn connected devices on/off wherever you are through the Tapo app.

- **Schedule** – Use Schedules to set your smart plug to automatically turn on and off.

- **Timer** – Set a countdown timer to automatically turn the smart plug on or off after a certain amount of time.

- **Away Mode** – Set a period of time during which the smart plug will be randomly turned on and off to make it look like you're home.

- **Voice Control** – Use Amazon Alexa or Google Assistant to control your devices with voice commands.

- **No Hub Required** – Connect to your existing Wi-Fi router.

- **Compact Design** – Mini-sized to avoid blocking adjacent sockets.

- **Device Sharing** – Invite your family members to manage the smart plug together.

Appearance

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

System LED

◎ **Blinking orange and green:** Ready for setup

◎ **Blinking orange:** Connecting to a Wi-Fi network

● **Solid orange:** Connected to Wi-Fi; offline

● **Solid green:** Connected to server and working properly

● **Solid red:** Disconnected from the Wi-Fi

◎ **Blinking green:** Being reset; being upgraded

Smart Socket:
Plug in your device and control it from Tapo app on your phone/tablet.

Power Button:
- **Press once:**
  Turn on or off the smart plug.

- **Press and hold for 5 seconds:**
  Keep the existing settings except Wi-Fi.

- **Press and hold for 10 seconds:**
  Restore your smart plug to factory default settings and reenable setup mode.

Set Up Your Smart Plug

Follow the steps below to get started with your new smart plug, or you can follow the setup video at https://www.tp-link.com/support/setup-video/.

Step 1. Download Tapo App

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

Download on the **App Store**

GET IT ON **Google Play**

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.
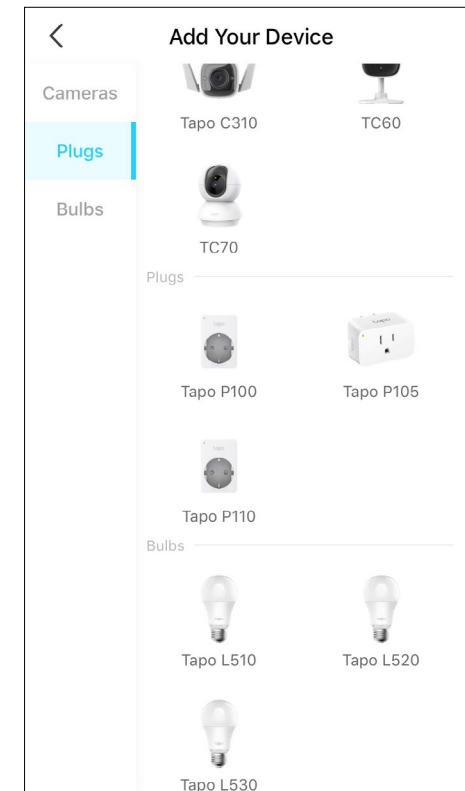
Welcome to Tapo

TP-Link ID (Email)

Password

☑ Remember Me

LOG IN

Sign Up   Forgot Password?

Step 3. Add Your Smart Plug

Tap the ⊕ button in the app and select your model. Follow the app instructions to complete setup.

< **Add Your Device**

Cameras

Plugs

Bulbs

Tapo C310   TC60

TC70

Plugs

Tapo P100   Tapo P105

Tapo P110

Bulbs

Tapo L510   Tapo L520

Tapo L530

Set Up Using 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.

● 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 orange and green	Ready for setup
Blinking green	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. (Open the Tapo app, tap the + button on the page, select your device model, and follow the app instructions to complete setup.)

How to use Amazon Frustration-Free Setup with Tapo devices

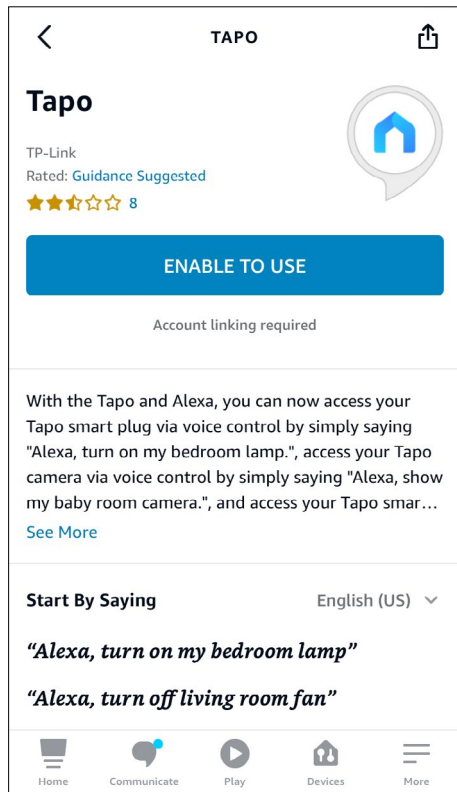1. Open the Amazon Alexa app. Then tap More and select Skills & Games.
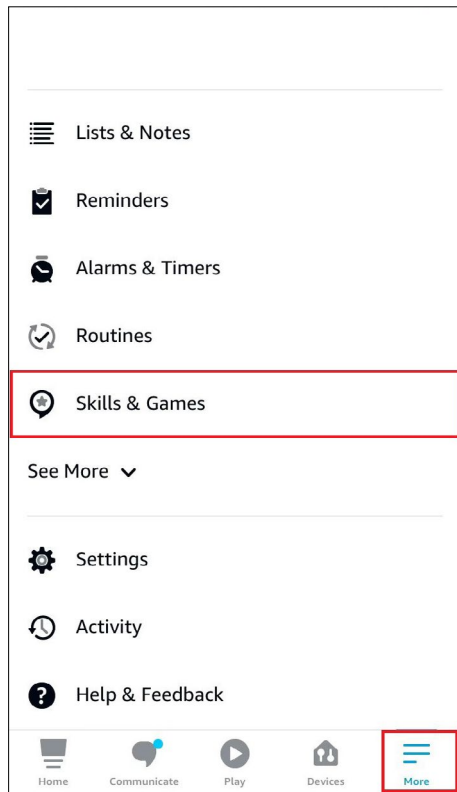
2. Enter Tapo in the search bar and choose Tapo.
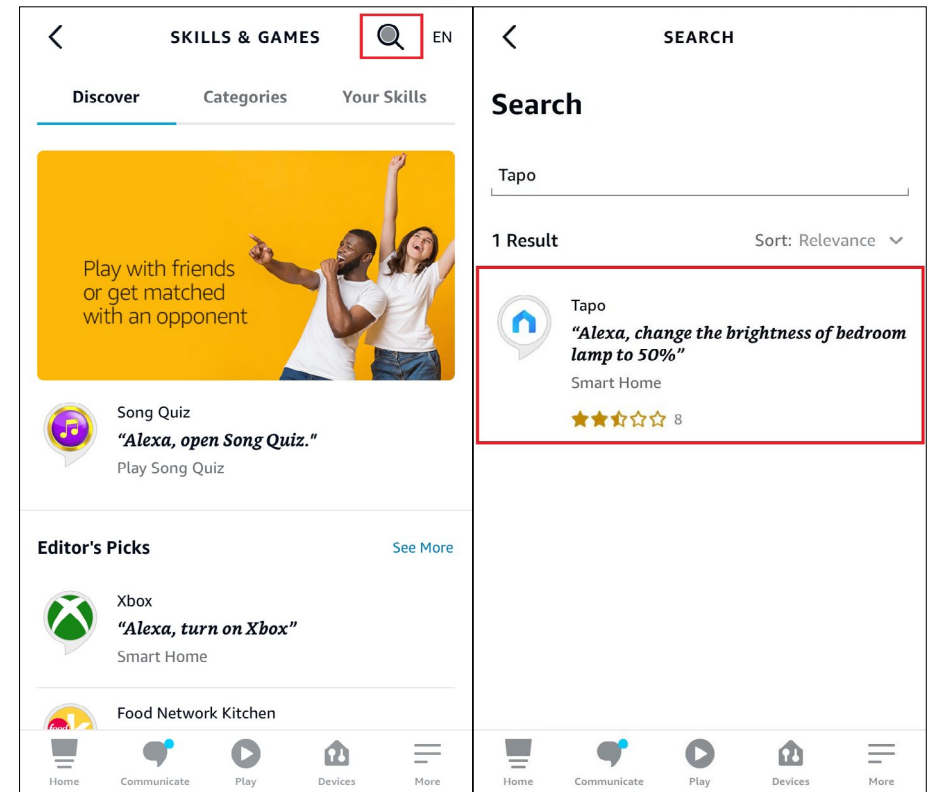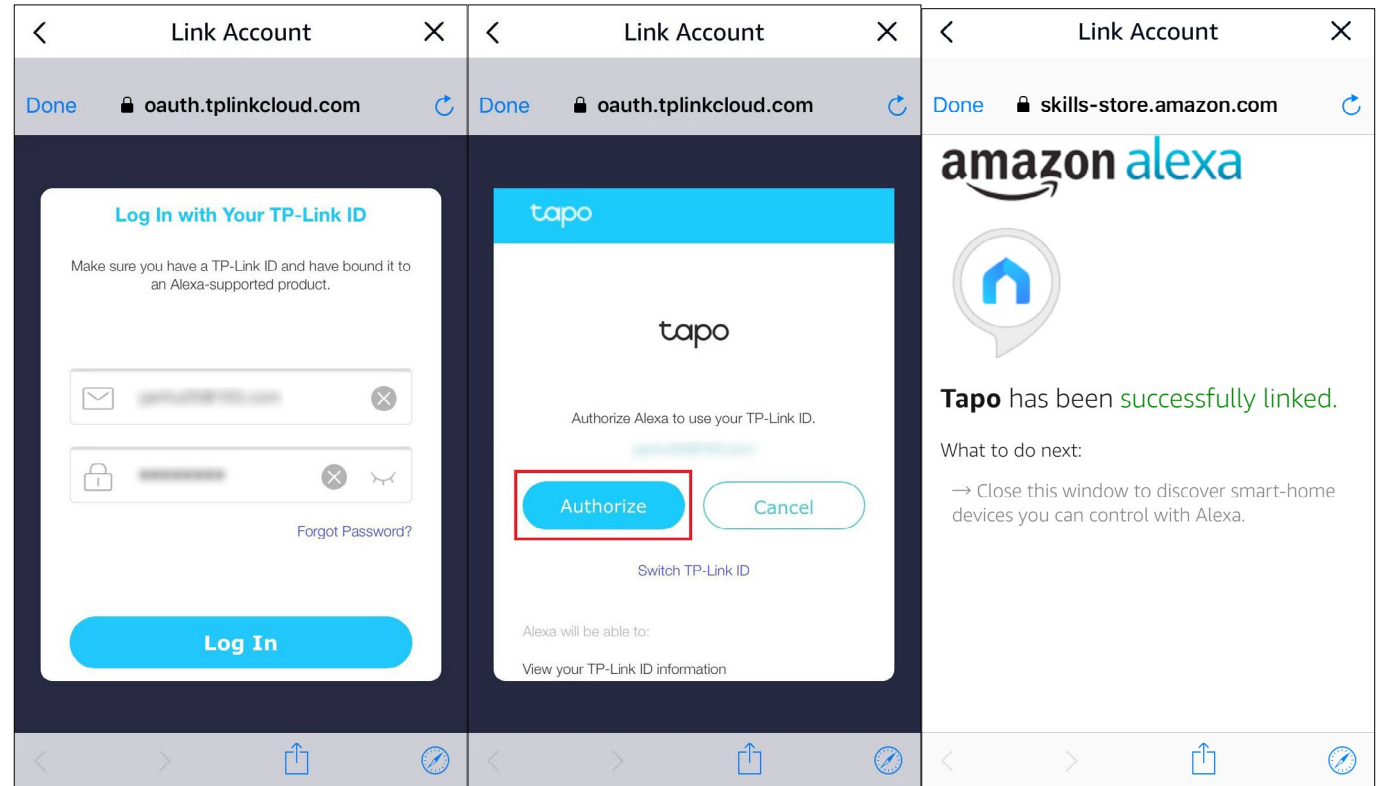
3. Tap the ENABLE TO USE button.

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 to complete setup.)

Basic Device Control

After successfully setting up your smart plug, 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.
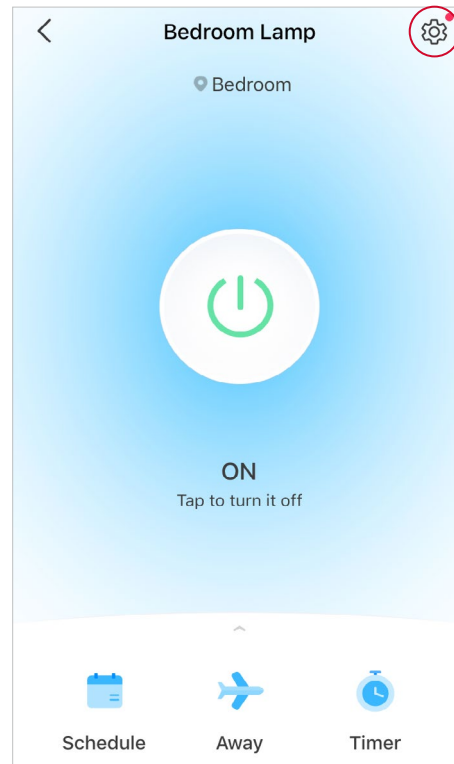
Home Page

You can turn on/off your plug any time anywhere and tap the plug card to enter the status page.
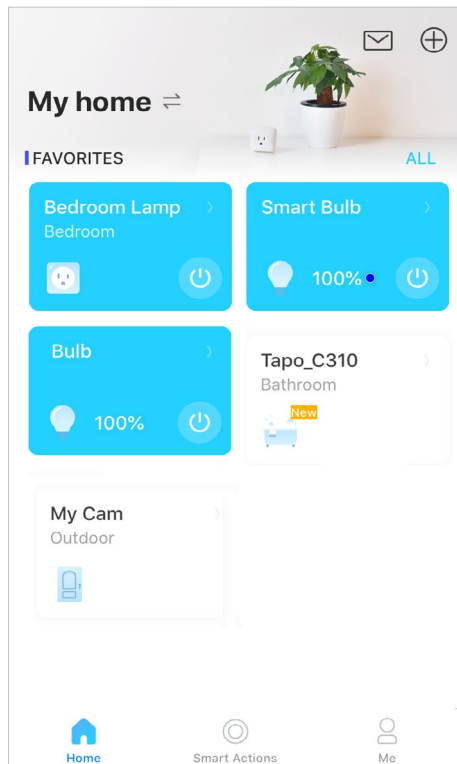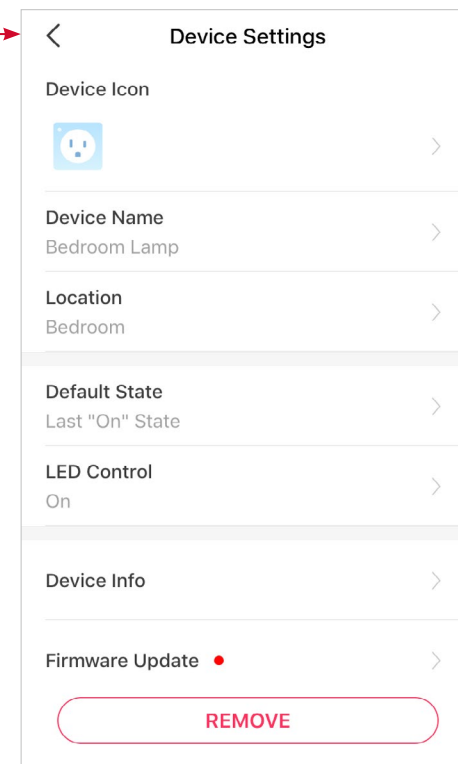
Device Status Page

You can turn on/off your plug with one tap, customize Schedule, enable Away Mode, set a timer, view its runtime & energy usage and more.

Device Settings Page

You can edit the basic information, set Default State, control the LED, update firmware and more.
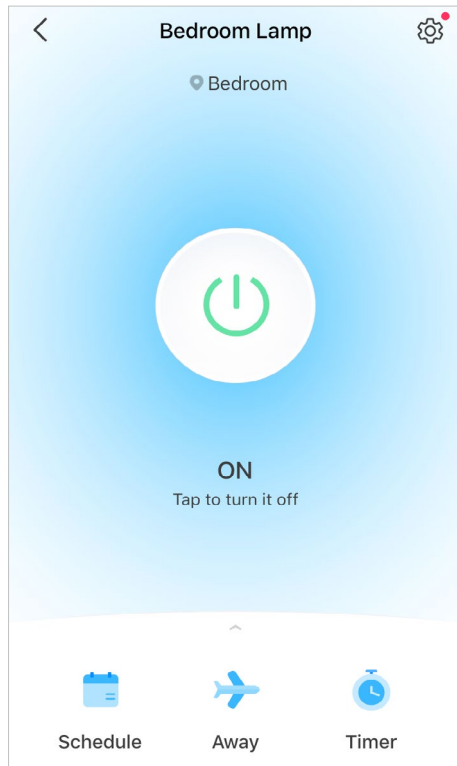
Configure Your Smart Plug

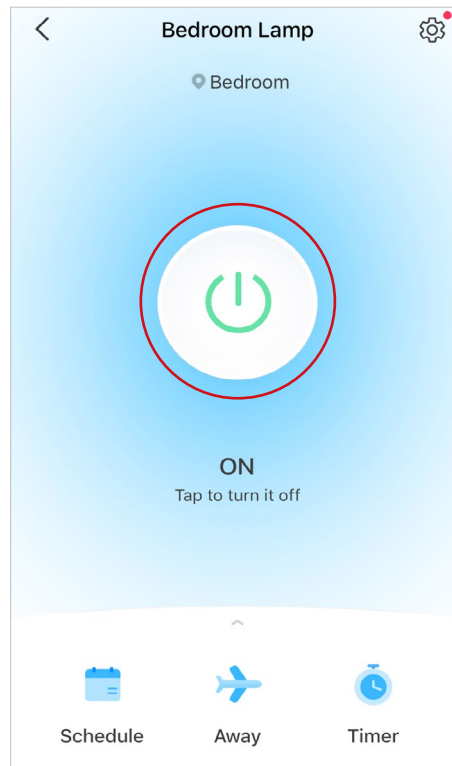You can confiure your smart plug by setting Schedule, Timer, Away Mode, monitoring energy usage and more.

Device Status Page

You can set a schedule, enable away mode, or set a timer to automatically control your device, and check its engery usage.
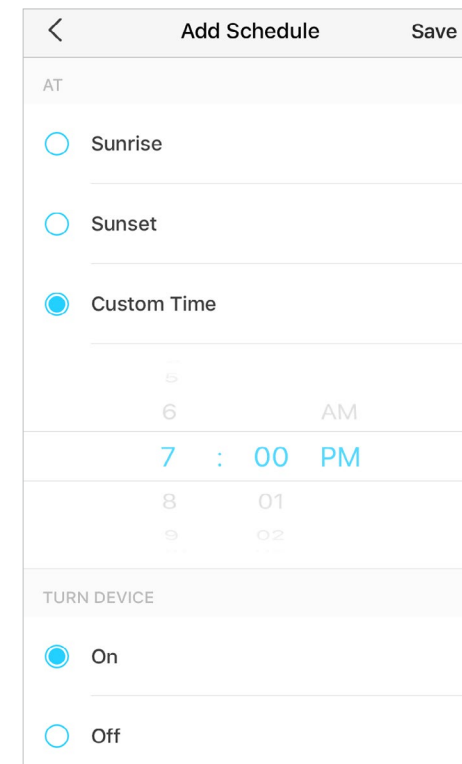
Turn On/Off Your Plug

Tap the ⏻ button to turn on or off your plug with one tap.

Set Schedule

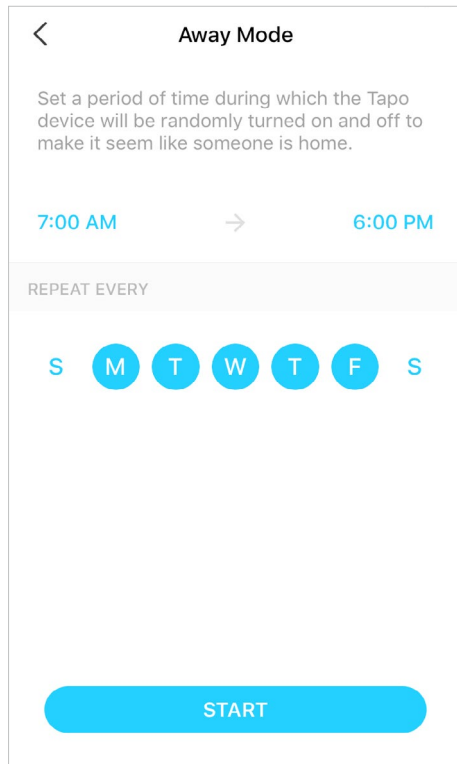Tap 📅 Schedule to set schedules for your plug to automatically turn on/off to simplify your daily routine.

Set Away Mode

Tap ✈ to preset the Away Mode, set the start
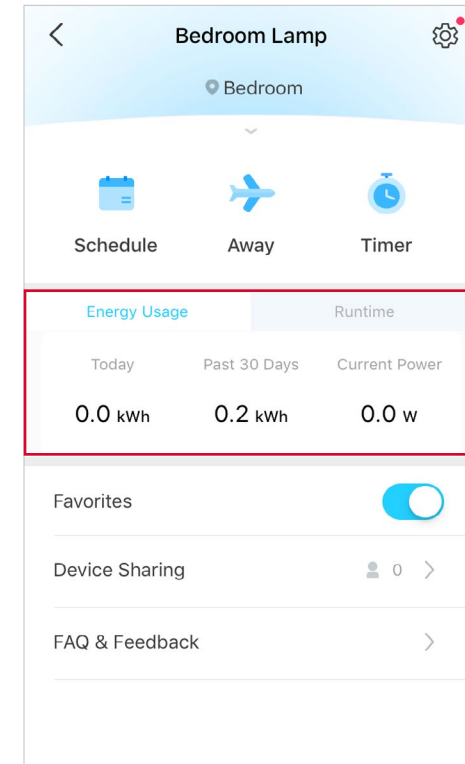and end time, then your plug will be randomly
turned on/off during this period.

Away Mode		
‹	**Away Mode**	

Set a period of time during which the Tapo
device will be randomly turned on and off to
make it seem like someone is home.

7:00 AM	→	6:00 PM

REPEAT EVERY

S **M** **T** **W** **T** **F** S

START

Set Timer

Tap ⏱ to set the timer, then your plug will
automatically turn on/off after the timer ends.

Timer	
‹	**Timer**

	28
	29
00 hrs : 30 min	
01	31
02	32

WHEN TIMER ENDS

○ On

◉ Off

START
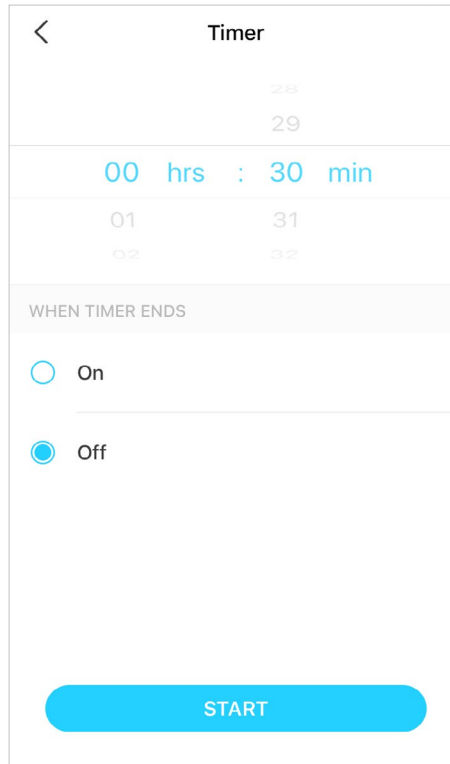
Check Runtime & Energy Usage

Slide up to check your plug's Energy Usage
and Runtime today or past 30 days.

‹	**Bedroom Lamp**	⚙
	◉ Bedroom	
	⌄	

📅	✈	🕐
Schedule	Away	Timer

Energy Usage	Runtime
Today	Past 30 Days	Current Power
0.0 kWh	0.2 kWh	0.0 w

| Favorites	⬤◯
Device Sharing	👤 0 ›
FAQ & Feedback	›

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Smart Actions

Smart Actions automate repetitive tasks, allowing you to blaze through tedium with utmost ease. Set everything up once and never have to worry about it again. With Smart Actions, giving your home that level of intelligence is a snap. Shortcut lets you perform an action with a simple tap. Automation allows you to automate tasks to be performed at a set time. e.g. The lamp plugged into your smart plug will light on at 7 PM.
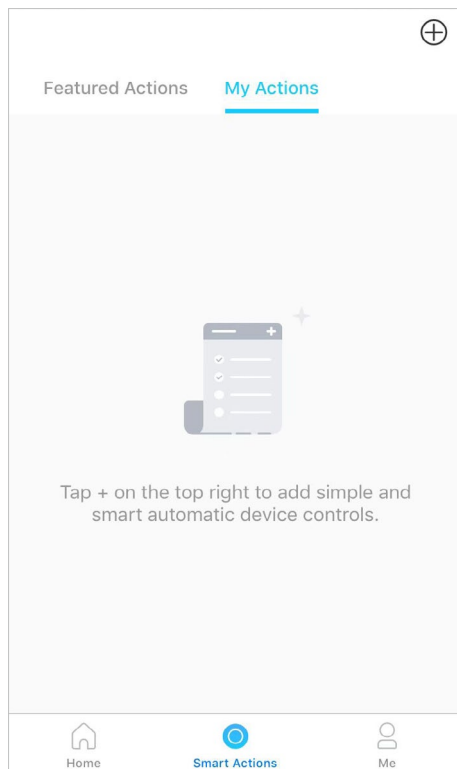
Option 1: Edit based on the featured actions

1. Go to the Smart Actions page and you will see the Featured Actions (Shortcut or Automation).

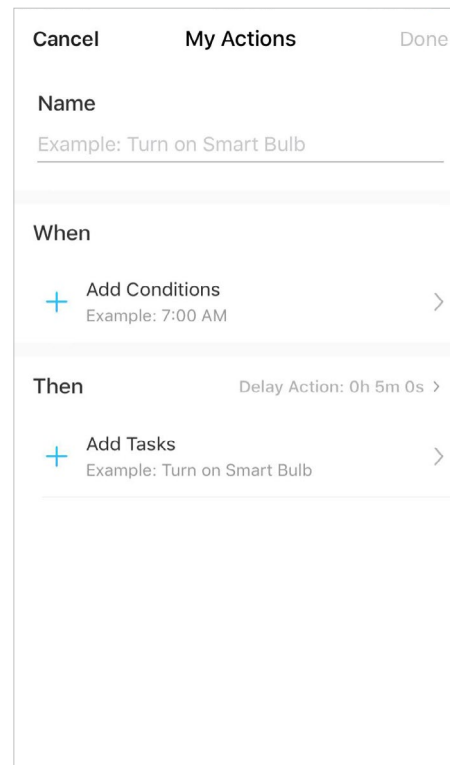2. Tap on a featured action. Tap EDIT to change the settings as needed and tap APPLY to save changes.
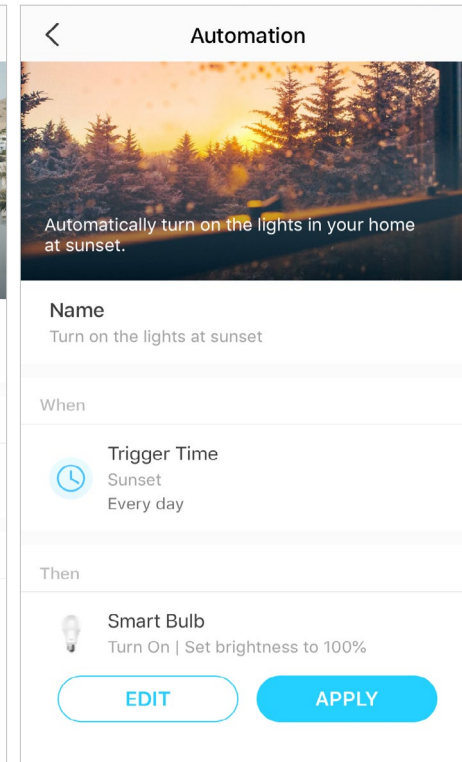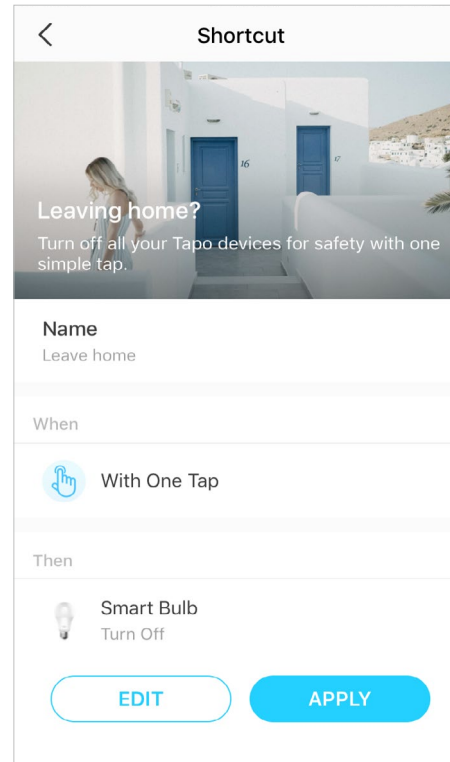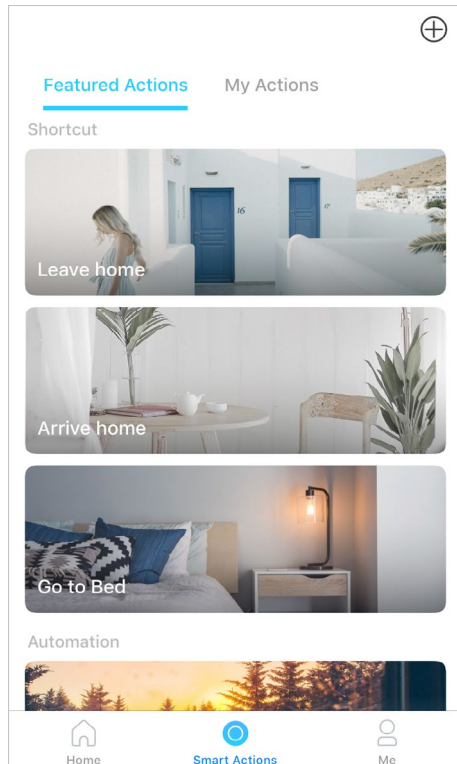
Option 2: Create your own actions
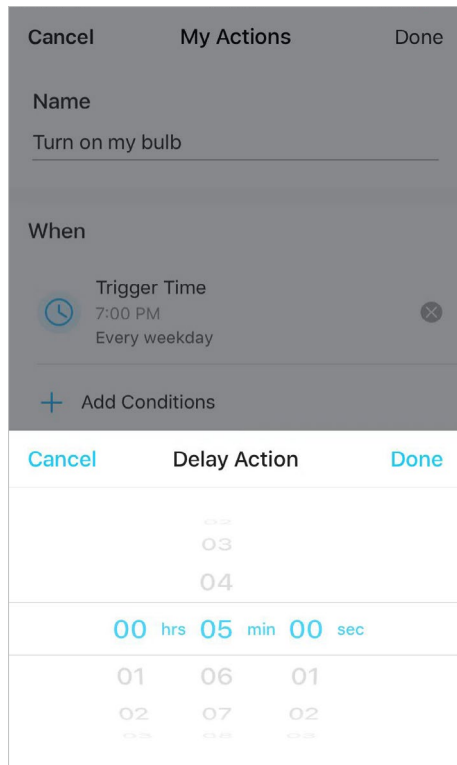
1. Go to My Actions page. Tap + on the top right to add a simple and smart action.

2. Name the new action. Tap + to add conditions (When) like the trigger time, and tap + to add tasks (Then) like turning on the smart plug.

3. When the action is created, you can also delay the action for a specific time. Tap Done to save all the settings.

If there are more than 2 conditions added, you can decide when to perform the action. Tap When Any Condition is Met, and select "Any Condition is Met" or "All Conditions Are Met".
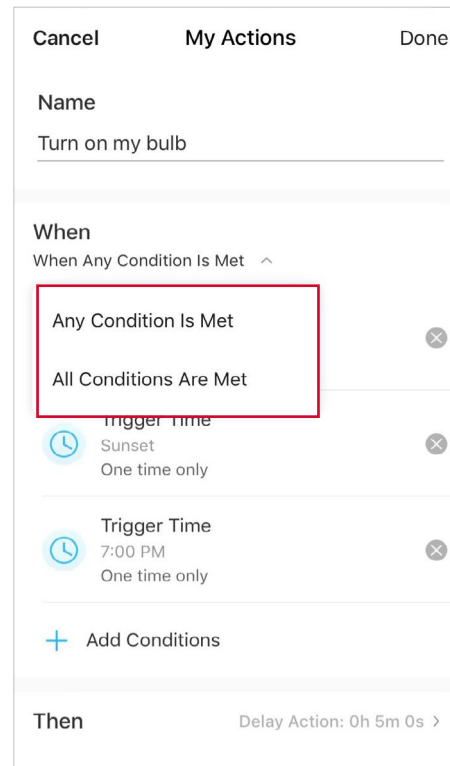
Share Your Smart Plug

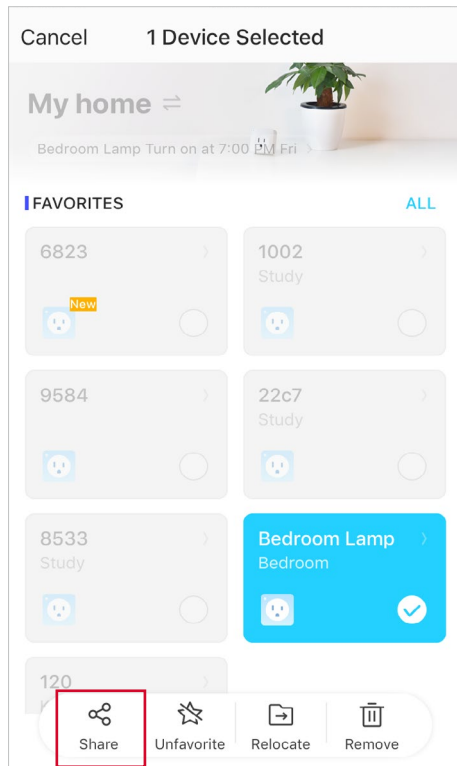You can invite your family members to manage your Tapo devices together by entering the TP-Link ID (email) you want to share the devices with.

Method 1

On the home page, long press the plug card and tap Share.

Method 2

Go to Device Status page, slide up and tap Device Sharing.
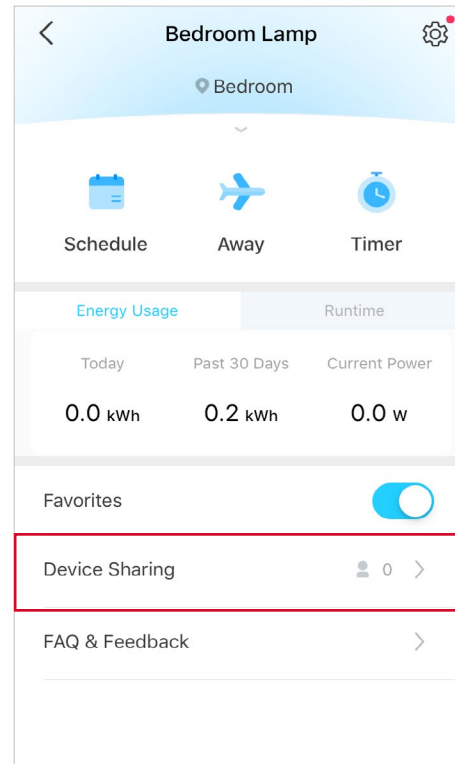
Method 3

Go to Me page and tap Device Sharing to view your shared devices and devices shared from others.
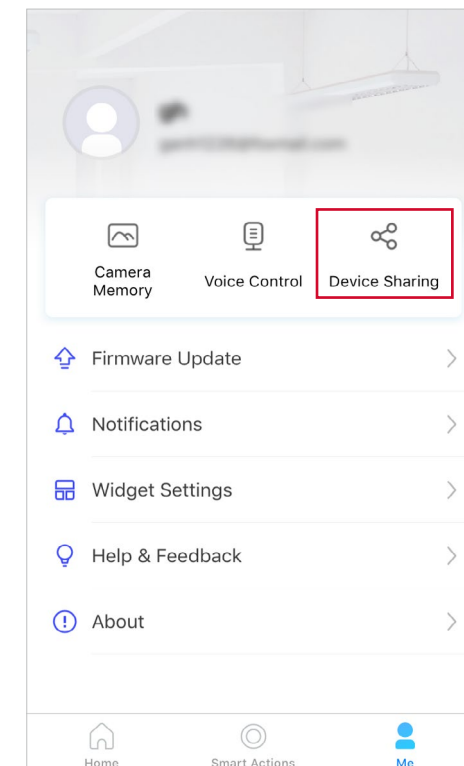
Voice Control

Free up your hands with simple voice commands to control your devices via Amazon Alexa or Google Assistant.

Go to Me page and tap Voice Control to connect to Amazon Alexa or Google Assistant.

Select a voice assistant and follow the instructions to control your device via voice.

Authentication

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.
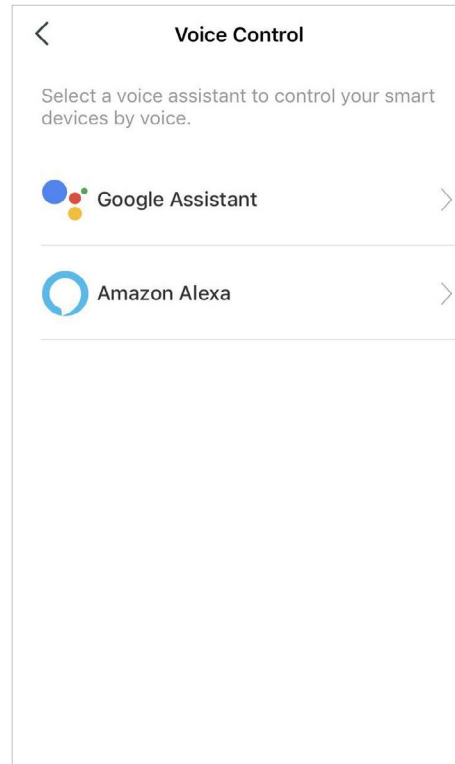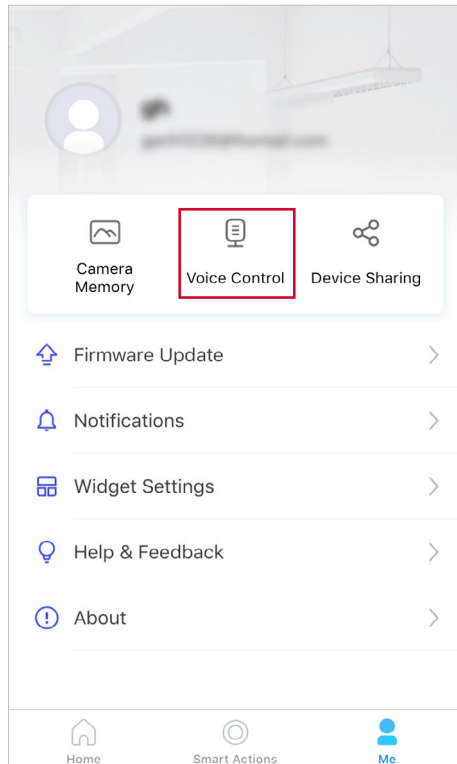
OPERATING FREQUENCY(the maximum transmitted power)

2400 MHz -2483.5 MHz(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.

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/

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

- 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 passthrough devices, plug the power strips into the integrated electrical sockets of the devices, but devices of the same or another type not be stacked in normal use.

- 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 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.
- 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℃-40℃, 0℃-35℃ (For EU and FR version)
- 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).

- Nicht hintereinander stecken.

CAUTION
Electronic switch integrated in this product is only intended for functional purposes. Unplug the appliance before servicing.

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
	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.