tp-link | tapo

matter

User Guide

Smart Wi-Fi Light Switch

©2025 TP-Link 1910013857 REV1.0.1

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About This Guide

This guide provides a brief introduction to the Smart Wi-Fi Light Switch and 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 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/.

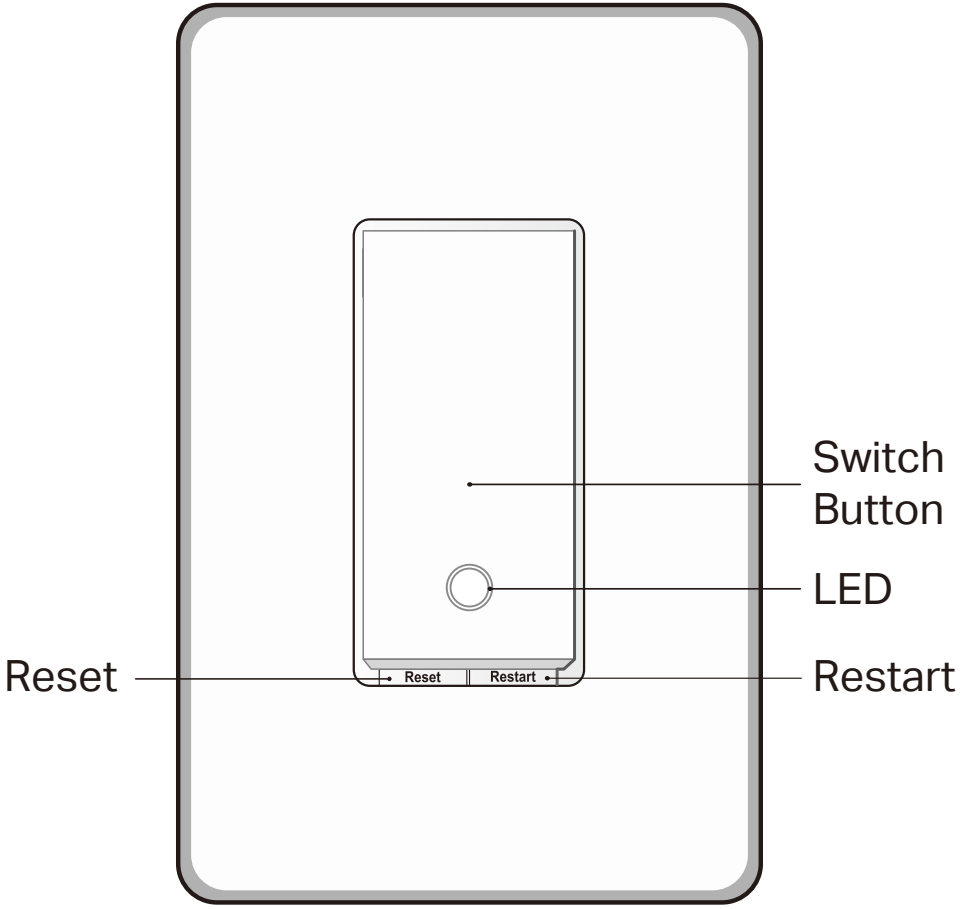
Introduction

With the Tapo Smart Wi-Fi Light Switch, smarten up your traditional lights.

- **Schedule** – Schedule your lights to turn on/off automatically according to your daily routine and preferences.
- **Remote Control** – Instantly turn connected devices on/off wherever you are through the Tapo app.
- **Auto-Off Timer** – Automatically turns off a connected device after the device is left on for a set time. No more wasted electricity in unoccupied areas ever again.
- **Away Mode** – Away Mode will automatically turn your connected devices, like lights, on and off randomly, to make it appear as if you're home.
- **Local Control** – Your connected devices at home remain accessible via the Tapo app even when the household goes offline.
- **Zero-Crossing Detection** – Zero-Crossing Detection addresses relay contact welding, a key issue in smart plug failures. This technology increases the lifespan of relays by more than 9 times*.

*Based on Tapo's laboratory results, actual effect may vary depending on working conditions and environments. Mainly suitable for capacitive load devices, such as lights, TVs, computers, chargers, etc.

Appearance



Button & LED

Buttons

Reset	Press and hold for about **5 seconds** to reset Wi-Fi while keeping previous settings. Press and hold for about **10 seconds** to restore your switch to factory default settings.
Restart	Press to restart your switch.
Switch Button	Press to turn on / off your switch.

LED

Solid amber	Starting up; Disconnected from the cloud
Blinking amber & green	Ready for setup
Blinking green	Connecting to Wi-Fi
Solid green for 30s	Connected to Wi-Fi
Solid red	Disconnected from Wi-Fi
Blinking amber	Device resetting
Solid white	The switch is off. LED is on to indicate the switch location in the dark.
Blinking green slowly	Firmware upgrading

Set Up Your Switch

Follow the steps below to set up your switch.

Step 1. Download Tapo App

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

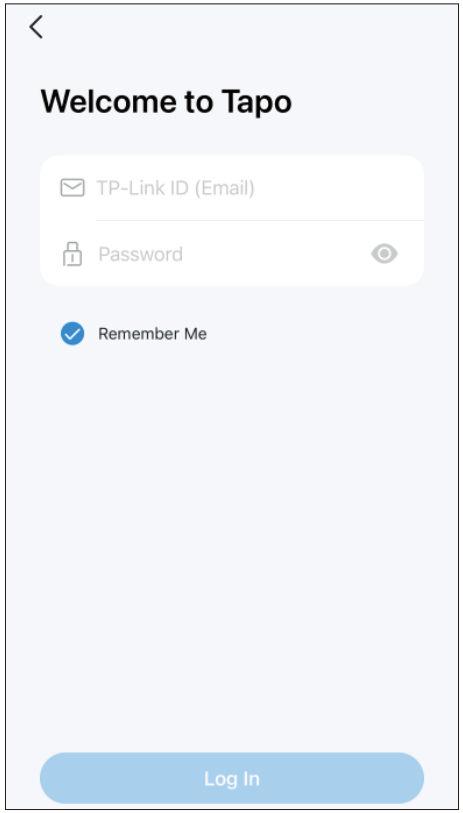
Download on the App Store

GET IT ON Google Play

OR

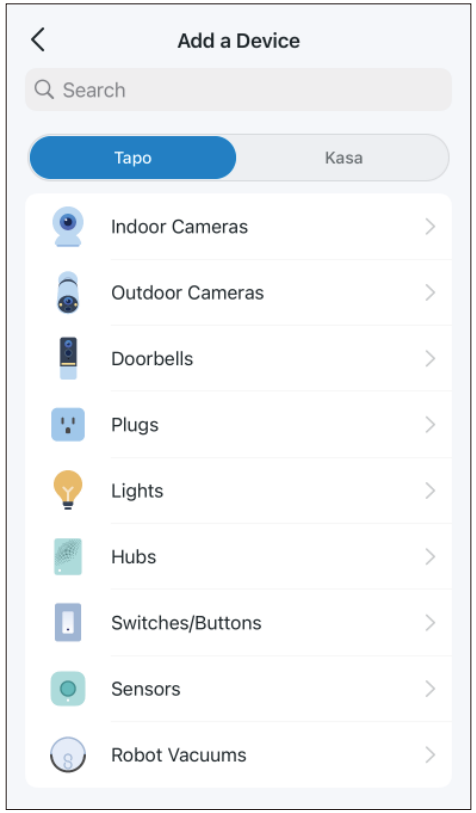
Step 2. Log In

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



Step 3. Add Your Switch

Tap the ⊕ button in the app. Select Switches/Buttons and then your model. Or search your model directly. Then follow app instructions to set up your switch.



Set Up Your Smart Switch via Matter

Visit

https://www.tp-link.com/support/faq/3520/

Scan QR Code

- Matter setup in different ecosystems
- Multi-admin setup and videos
- Features supported in different ecosystems
- Troubleshooting & Help

Set Up via Matter

This is a Matter-certified device. You can integrate it into any Matter ecosystem you prefer for easy control.

Before You Start

• Factory reset your device before setup.

• A Matter-supported controller and smart home app of the same ecosystem are required. For optimal performance, please update them to the latest version.

Note: For iOS 18 and above, using a controller is optional. However, with a controller, you can fully enjoy remote control, automation, and other advanced features.

• The Matter setup code on the device is only applicable for the initial ecosystem. To add it to a new ecosystem, you will need to generate a new setup code from a smart home app of an already-established ecosystem in your home.

• Take a photo of the Matter setup code for backup.

• Bluetooth will be turned off 15 minutes after the device is powered up. Restart your device to re-enter setup mode.

How to Set Up

*Setup processes may vary between ecosystems.

1. Turn on Bluetooth on your phone.

2. Open the smart home app, then scan the Matter QR code or enter the provided numeric setup code (usually can be found on your device).

3. Follow the instructions in the app to complete setup.

Failed to Set Up?

• Try to connect your phone to a stable 2.4 GHz Wi-Fi network with internet access instead of a 5 GHz network.

• Restart your device, controller or phone.

• Make sure IPv6 is enabled on your router.

Matter is still developing and the progress of each platform may differ from one another. There may also be different device performances and bugs that have no relation to the device itself. TP-Link is working hard to optimize user experience with other CSA members to provide better services.

We have professional Technical Support and R&D team. If you have any questions, feel free to contact us. Your feedback matters!

Contact us at

www.tapo.com/support

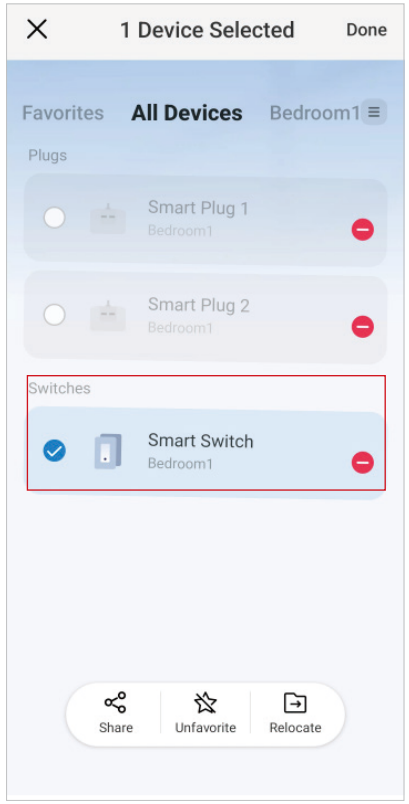
for Technical Support, FAQs, warranty & more

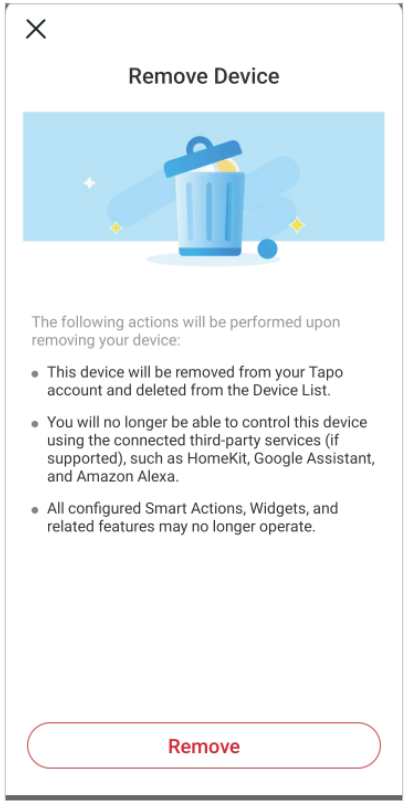
Reset Your Smart Switch

You can remove your device from the Tapo app on the Home page or on the Device Settings page, or by pressing the Reset button on your Smart Switch.

Home Page

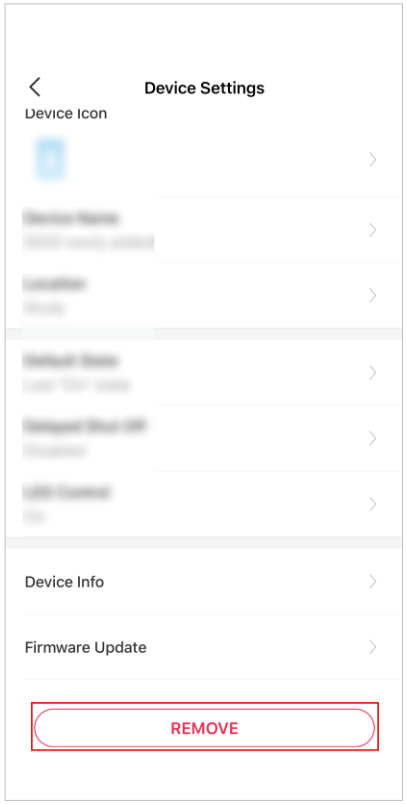
Long press your device and then tap ⊖ . Double confirm it.

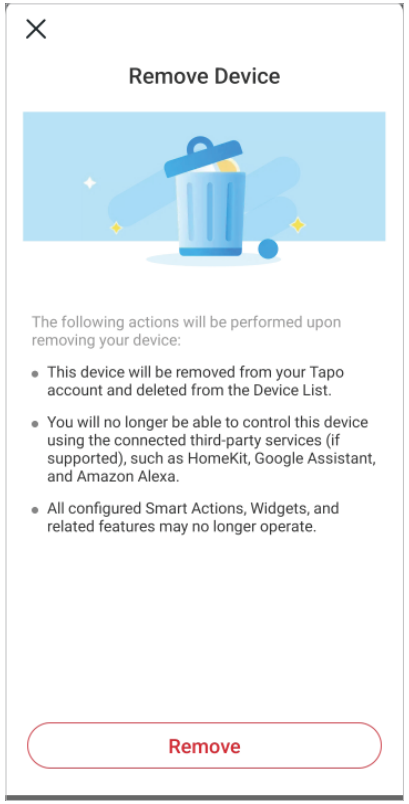




Device Settings Page

Tap Remove. Double confirm it.





Press the Reset button

Press and hold the Reset on the switch for at least 10 seconds to restore factory default settings.

Authentication

FCC compliance information statement

Product Name: Tapo Smart Wi-Fi Light Switch
Model Number: Tapo S515

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 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 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: 2024.11.12

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'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)

Safety Information

Before installing, servicing or removing the switch, read and follow all safety precautions including the following:

- CAUTION – Risk of Electric Shock – More than one disconnect switch may be required to de-energize the equipment and luminaire before servicing. A circuit breaker which disconnects the Line and Neutral conductor simultaneously is suitable. Ensure power is off at the circuit breaker before removing or installing any switch. Use a non-contact voltage tester to ensure the power is off.
- The Smart Switch must be installed and used in accordance with the National Electric Code (NEC) or your local electrical code. If you are unfamiliar with these codes and requirements, or are uncomfortable performing the installation, consult a qualified electrician.
- Do not install the Smart Switch with wet hands or when standing on wet or damp surfaces.
- Tighten terminal screws to 13 lbf-in.
- 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.
- Rating: 100-120 V~ 50/60 Hz
- Supported Load: 15 A General Use, 600 W Incandescent, 150W LED
- Operation temperature: 0 ~ 40 °C
- Install only in a suitable UL Listed outlet box or equivalent (suitable dimensions: H > 2.95 in./75 mm, W > 1.81 in./46 mm, D > 2 in./51 mm).
- CAUTION: High Voltage - Disconnect power supply at the circuit breaker before servicing.
- MISE EN GARDE: Haute tension - Déconnectez l'alimentation électrique au niveau du disjoncteur avant toute intervention.
- Method of mounting included: Independently mounted (Vertically position only);
- Operating control, Type 1.C action
- Pollution degree 2, Rated Impulse Voltage 2500V
- Software Class A, NEMA Type 1

CAUTION

Electronic switch integrated in this product is only intended for functional purposes. De-energized the product at the circuit breaker before servicing.

Explanation of the symbols on the product label

Symbols may vary from products

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing

Symbol	Explanation
~	Alternating current
⎓	DC voltage
⊖⊙⊕	Polarity of output terminals
⌂	Indoor use only
ϟ	Dangerous voltage
⚠	Caution, risk of electric shock
VI	Energy efficiency Marking
⏚	Protective earth
⏚	Earth
⏚	Frame or chassis
⏚	Functional earthing

Symbol	Explanation
	Caution, hot surface
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)
	Fuse
N	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)