How to connect my TP-Link Smart Plug Switch to my home network via Kasa?

TP-Link smart devices can be controlled by Kasa App locally and remotely. By this means we can easily make the home smart. This article will introduce how to connect the TP-Link Smart Plug/Switch to the home network.

Note: If your Apple device is IOS 14 or above, please have the "Local Network" enabled first following the FAQ

Before we begin:

1. Please download Kasa Smart from App Store or Google Play and install it on your smartphone.

2. Connect your smartphone to your home Wi-Fi network (2.4 GHz only).

3. Plug your Smart Plug into a power socket.

Here we take HS100 for example.

Steps to configure TP-Link Smart Plug via Kasa App.

1. Open the Kasa App and login to your cloud account.

a.If you don't have an account, please sign up with one refer to How to create a TP-Link Cloud Account on Kasa?
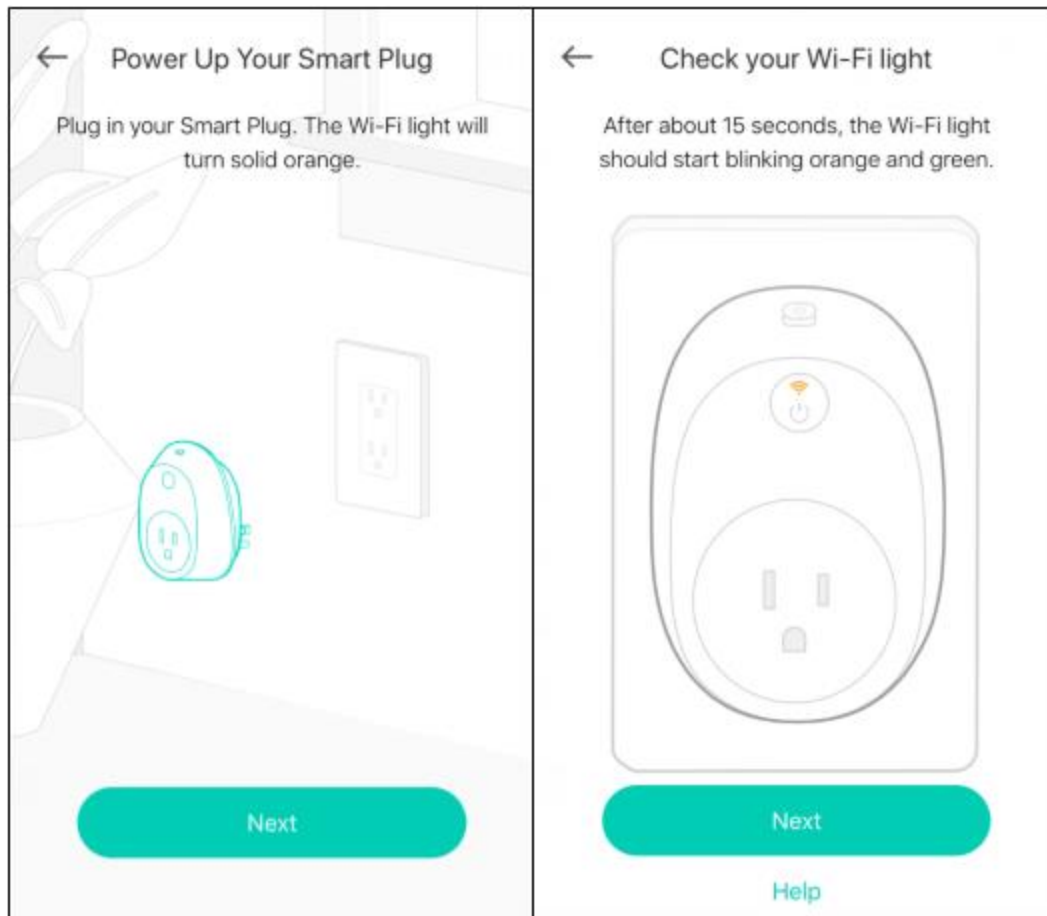
b.Login the Kasa App with your cloud account.
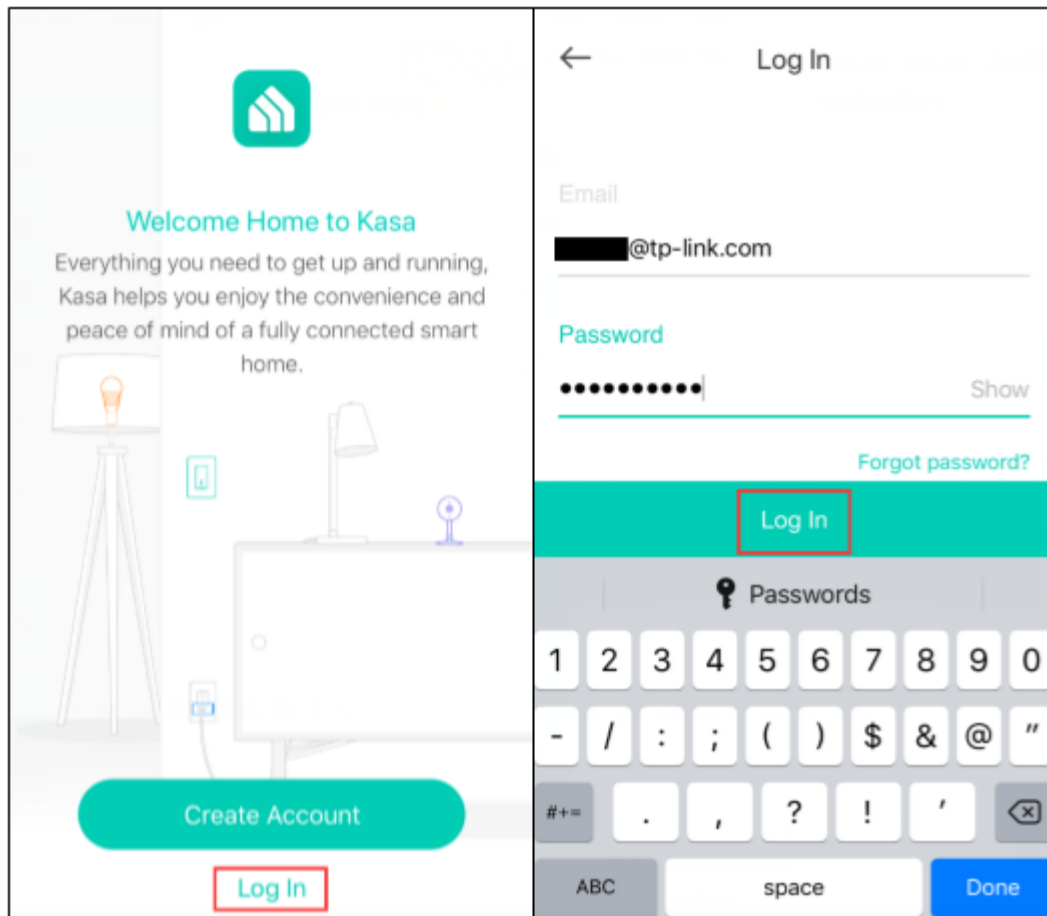
2. Add your Smart Plug on kasa app. Tap **"+"** and "**Add a Device"**, then click on **"Smart plug"** and choose an icon according to your model number.
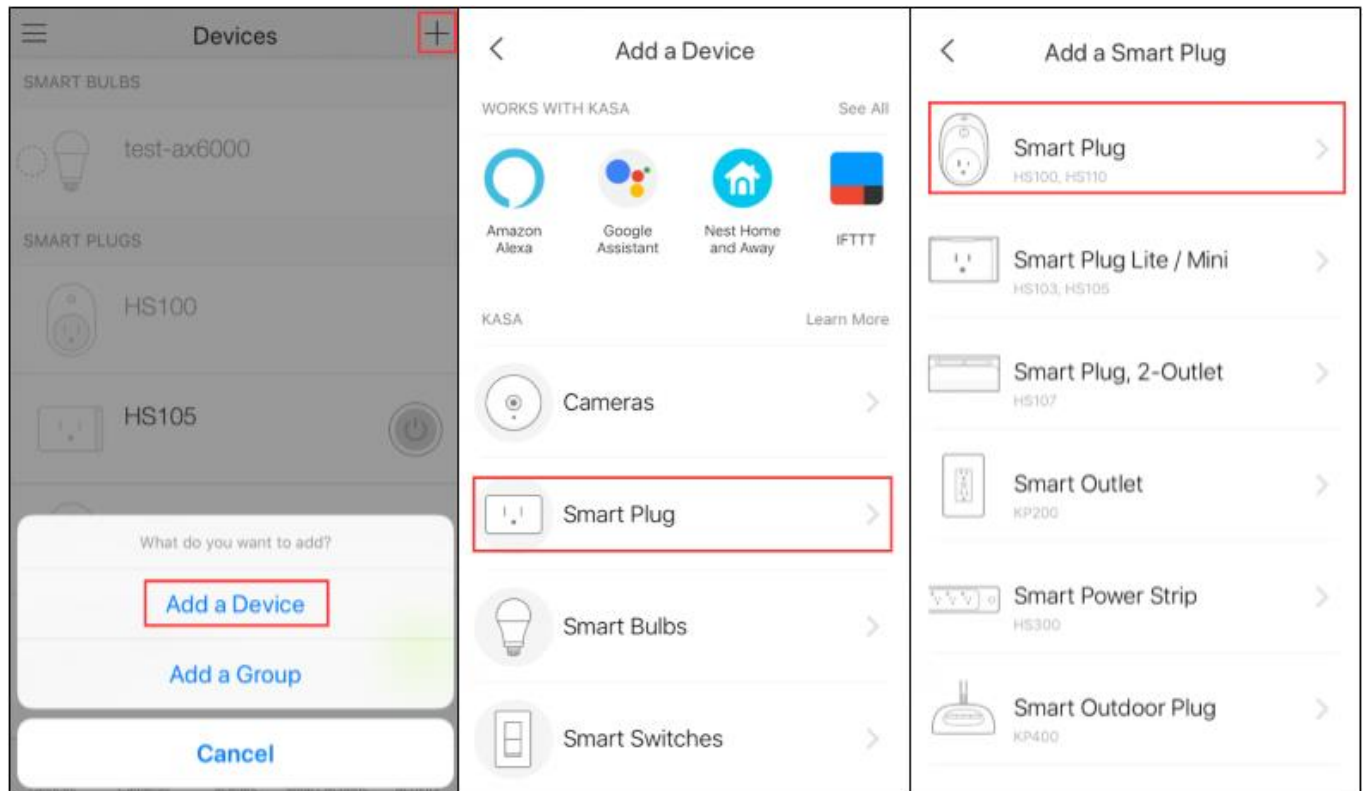
3. Follow the instruction on the Kasa app to power on the HS100, wait for the Wi-Fi light blinking orange and green.

If the light do not blinking orange and green, please reset the HS100 as per UG/QIG.

Power Up Your Smart Plug

Plug in your Smart Plug. The Wi-Fi light will turn solid orange.

Next

Check your Wi-Fi light

After about 15 seconds, the Wi-Fi light should start blinking orange and green.

Next

Help

4. Connect your phone to the Smart Plug Wi-Fi. There is a difference between Android and iOS phone in this step.

For Android: Kasa will look for your Kasa Cam automatically, and it will take about a minute.

If you have problem in this step, please go to Settings->Wi-Fi on your smart phone and manually connect to HS100's Wi-Fi network (same as iOS).

For iOS: You need connect to the HS100's Wi-Fi network manually, please go to Settings->Wi-Fi on your smart phone and connect to HS100's Wi-Fi network (which named as TP-LINK_Smart Plug_XXXX), and then go back to the Kasa app to continue the setup process.
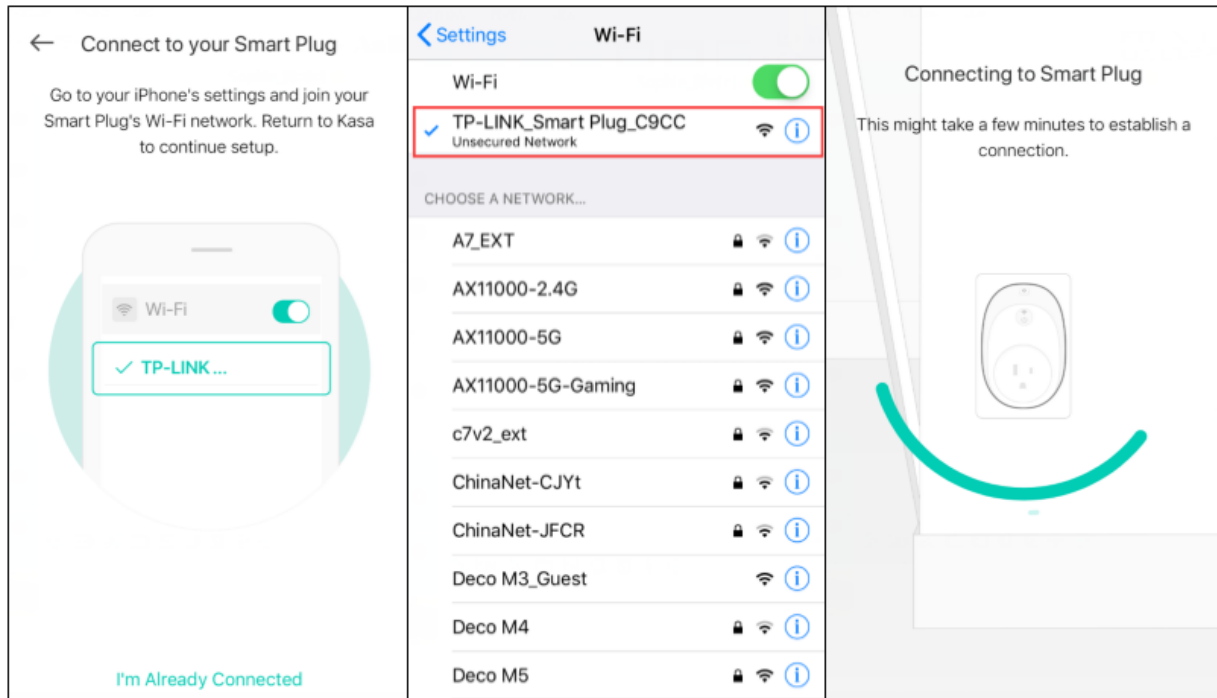
5. Connect the smart Plug to your home network. Here we choose "Deco M5" as our home wireless network. If you cannot find your home network in the Wi-Fi list, please click on **"Join Other Network"** which on the bottom of the Wi-Fi list, then enter your home network SSID and password manually. After this step, your smart plug will be connected to your home network.
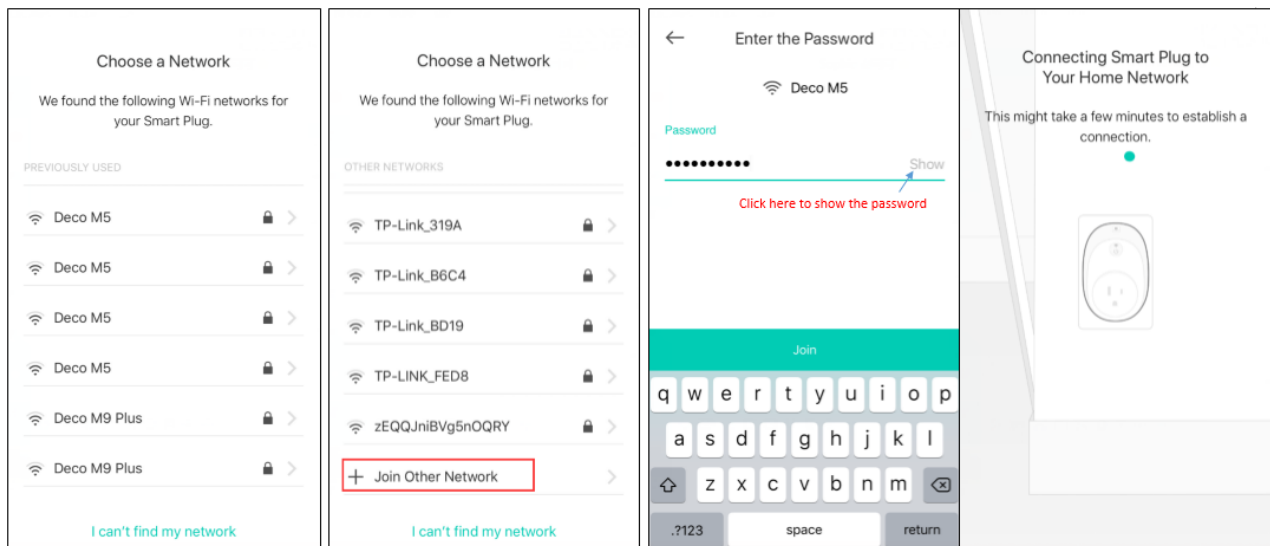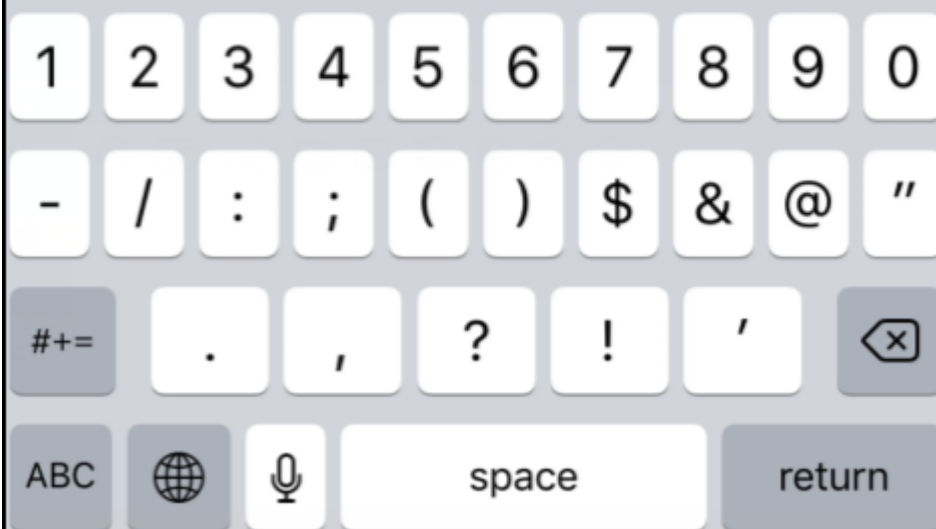

6. Name your smart plug.

Name Your Device

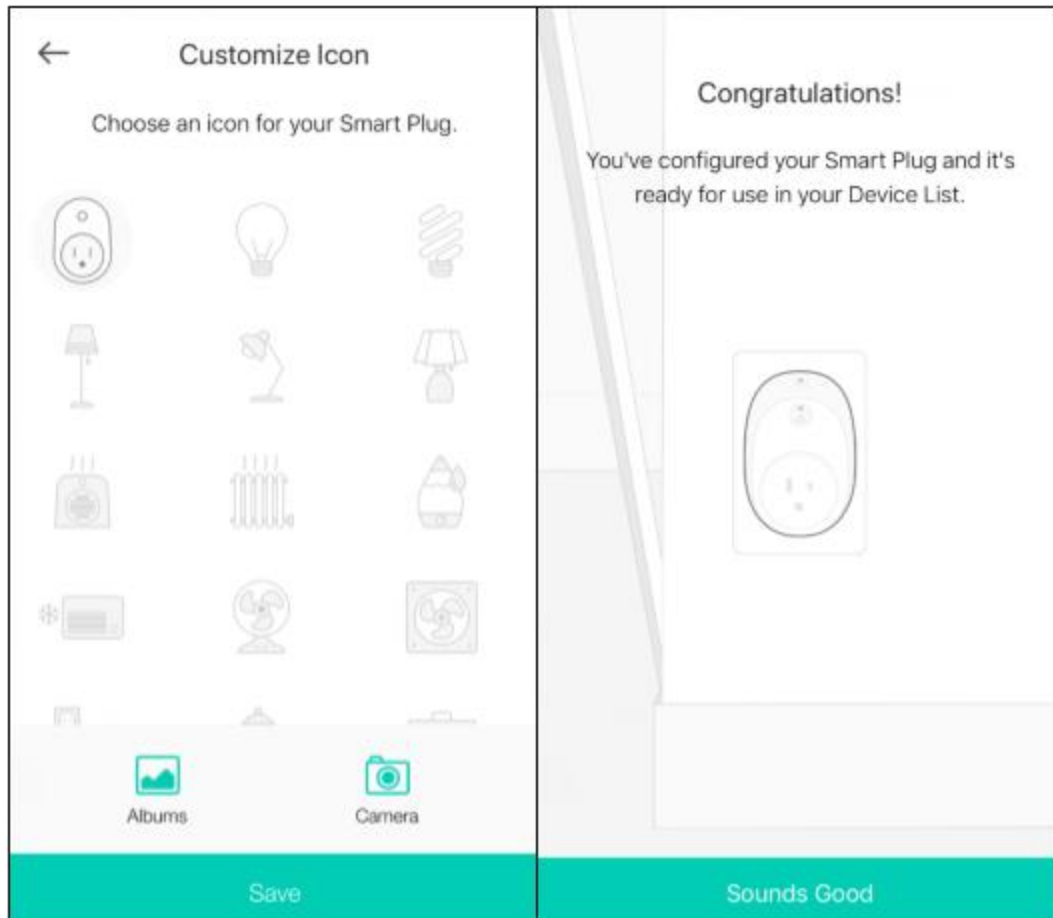Let's give it a friendlier name, like "Living Room Lamp"

Device Name

HS100

Save

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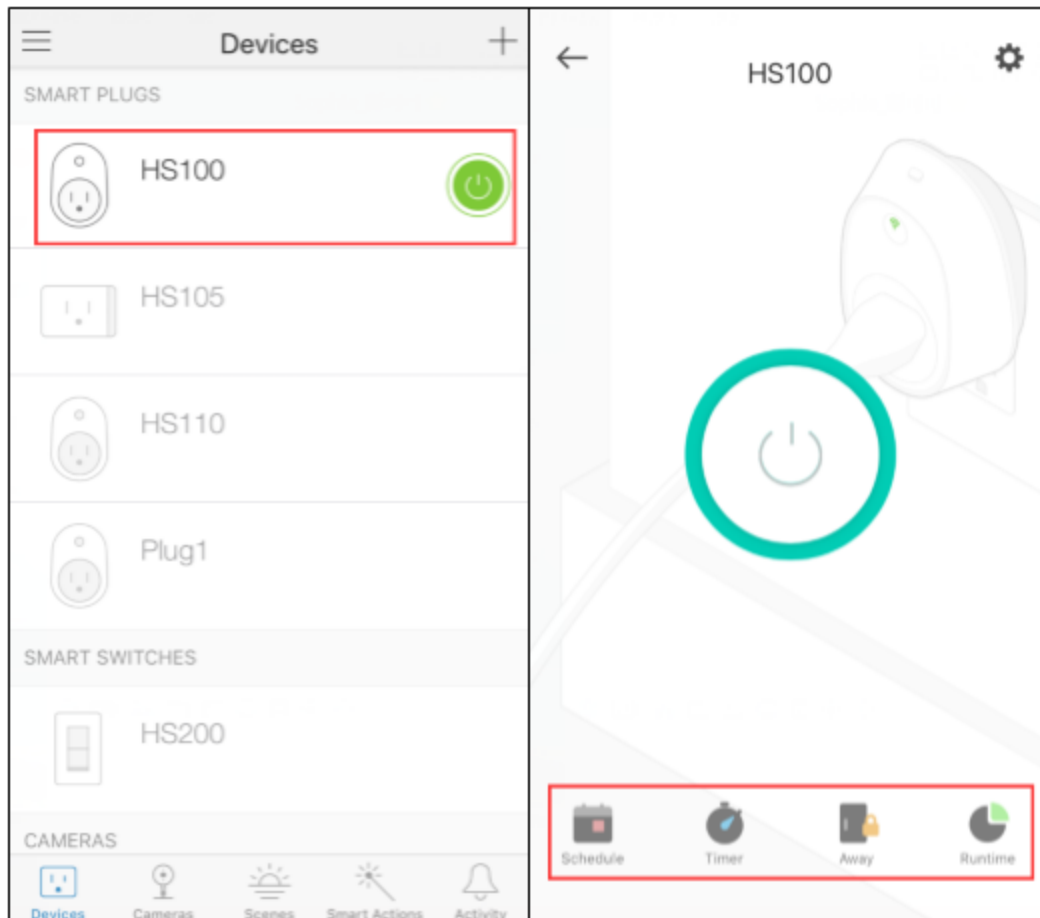
ABC   🌐   🎤   space   return

7. Customize an icon for this Smart Plug. We can choose an icon from the list, or choose from the **"Albums"** of your smart phone or take a photo.
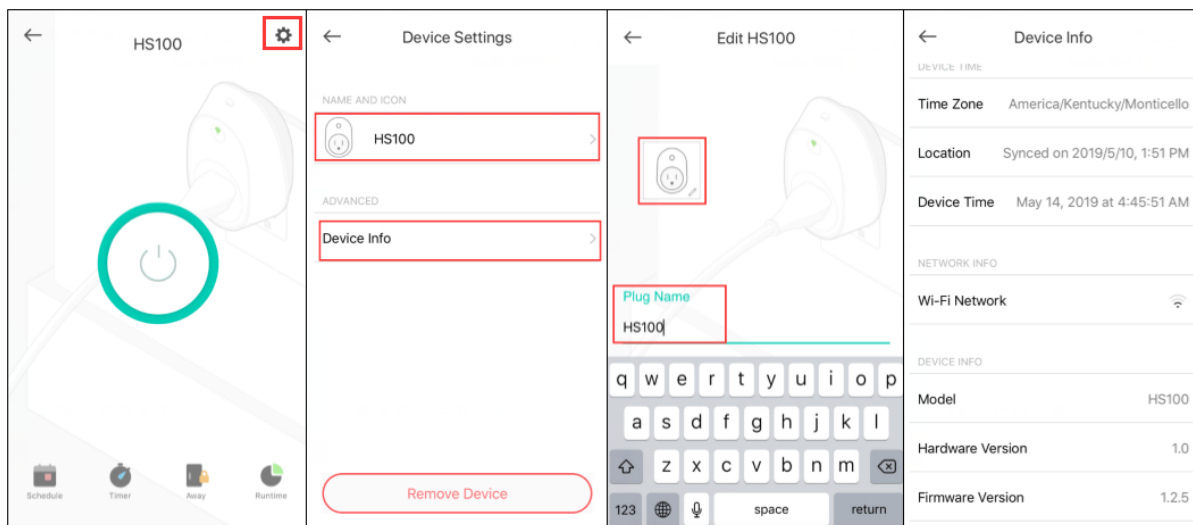
Then enjoy your smart plug.

8. Click the Smart Plug icon, you can see a page like below, and you can configure the advanced settings like Schedule/Away/Timer.

9. Tap to enter the interface of Device Settings, click on "Name and Icon" can edit the name and icon of the smart plug, click on "Device Info" can view the basic information of the smart plug.

More things you may want to do

After finish the connection of Smart Plug to home Wi-Fi, you may want to use the Amazon Echo or Google Home to help manage the device. For this purpose you can refer to FAQs below for configuration instruction:

[How to control Smart Devices by Amazon Echo?](#)

[How to control Smart Devices by Google Home?](#)

Get to know more details of each function and configuration please go to [Download Center](#) to download the manual of your product.

How to update firmware of Smart Devices in Kasa App?

The firmware on TP-Link smart devices can only be updated by using the TP-Link Kasa App. Please make sure you've downloaded this app before continuing.
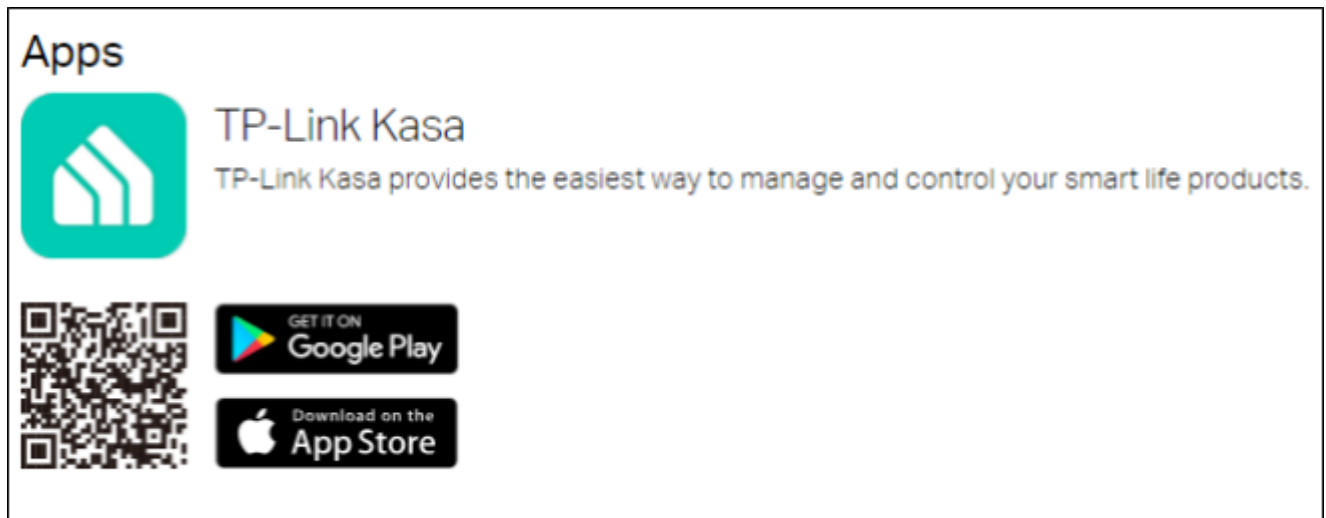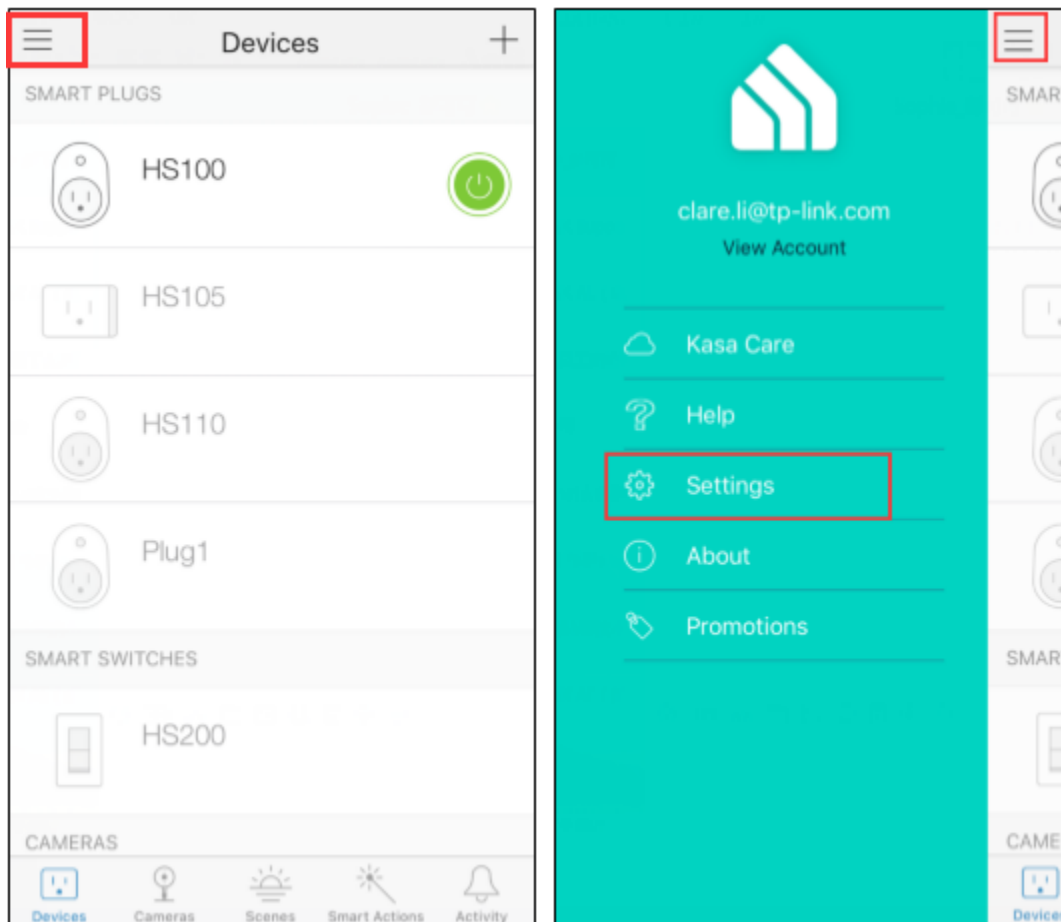

Before you begin:

Please log into your cloud account and make sure you can control your smart devices.
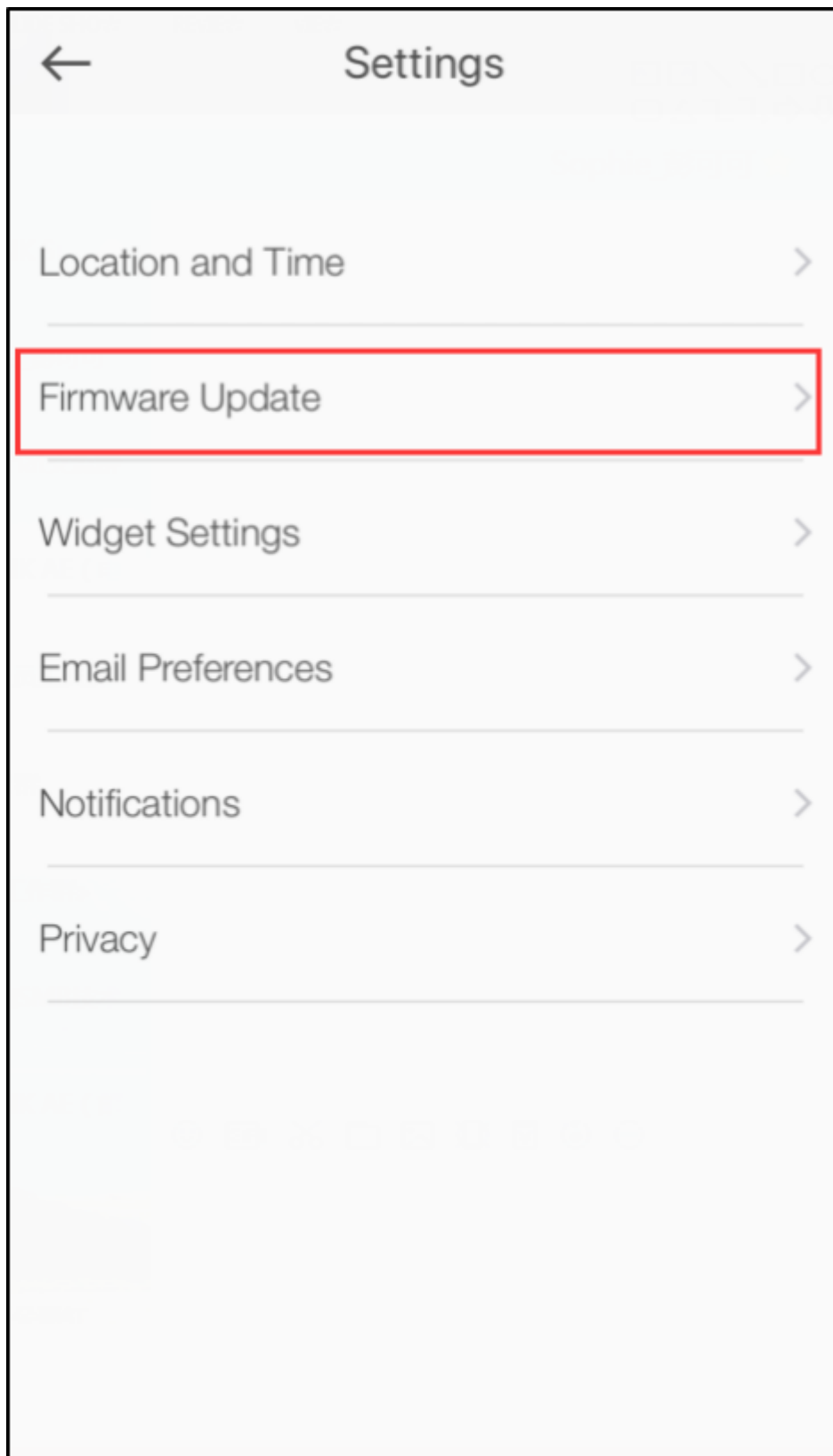
[How to create a TP-Link Cloud Account on Kasa?](#)

Let's begin:

1. Click the icon at the top left to open the side menu bar, then click on "Settings"

2. You will see the option "Firmware Update", click on it.

3. If any firmware updates are available, they will be displayed on this screen.

No Updates Available

Cameras
0 Available Updates ✓

Smart Bulbs
0 Available Updates ✓

Smart Plugs
0 Available Updates ✓

Smart Switches
0 Available Updates ✓

Smart Routers
0 Available Updates ✓

Get to know more details of each function and configuration please go to Download Center **to download the manual of your product.**

How to reset TP-Link Kasa smart switch and plug?

There are two types of reset available: a **soft reset** which does not erase the current settings, and a **factory reset** that erases all of your custom settings and restore the device to factory defaults.

To reset the smart switch/plug without losing the configuration settings:

Press and hold the reset button for 5 seconds or until the Wi-Fi LED blinks amber and green to initiate the app-config process.

Note: For HS105 Wi-Fi LED would be blinking amber and blue

To reset the smart switch/plug to factory defaults:

Press and hold the reset button until the Wi-Fi LED blinks amber rapidly (about 10 seconds) to reset the Smart switch to factory defaults.

For the HS300/KP303, the control button works as both the power and reset button.

1. Press the control button to turn on or off the corresponding outlet.
2. Press and hold a control button for 5s to re-enable setup mode for the corresponding outlet.
3. Press and hold a control button for 10s to restore the corresponding outlet to factory default settings.

Note: The main switch on the back panel is to turn on or off your Smart Power Strip.

Note: If you cannot find the Reset button, please go to our official website and search your device's model number and go to the product's Support page to check or download the user guide for more details.