# CM03

# Product Specification

**ITEM: SM03**

**VERSION: V1.0**

**DATE: 2018-04-17**

## Historical Releases

| Version | Modified Content | Writer | Auditing | date | Department |
|---------|------------------|--------|----------|------|------------|
| V1.0 | the first version | Jasmine | Ning Qing | 2018-04-17 | Product dept. |

# 1. Product Instruction

## 1.1 Product Overview

The smart plug should be used in conjunction with free APP, The device allows you to power on or off your home electronics appliances anytime and anywhere, making your home more secure and more convenient.
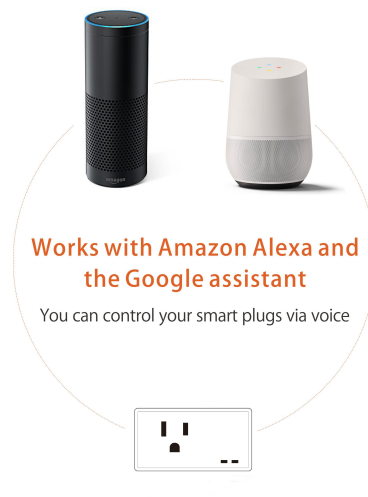
You can schedule the smart plug to automatically power electronics on and off as needed, like setting lights to come on at dusk or turn off at sunrise.

## 1.2 Main Function

- Patent WiFi access technology, users configure network one step intelligently by mobile APP.

- Control devices/appliances from anywhere by APP with WiFi/4G access.

- Works with Amazon Alexa and the Google assistant, control your devices via voice.

- Set schedule: Turn on/off your devices based on specific time you set.

- Multiple users and group control.

- Support 2.4GHz WiFi

## 1.3 Works with Alexa and the Google assistant

The smart plugs works with Amazon Alexa and the Google assistant, you can manage your devices through voice control like turn on/off. Assign a name to each smart plug and communicate with each plug by name when making a voice command.



Works with Amazon Alexa and
the Google assistant
You can control your smart plugs via voice

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# 2. Mechanical Structure Information

## 2.1 Product Appearance



## 2.2 Product Specification

| Specification | Details |
| --- | --- |
| Input Voltage | 100-130V |
| Rated Current | 10A |
| Max output power | 1300W |
| Plug Output | Type B |
| Standard | US |
| Dimension(mm) | 69.6*40.2*31.5 |
| Wireless mode | WiFi |
| Wireless standard | 802.11 b/g/n |
| RF range | 30 meters indoor, 45 meters on open spaces. (changes with environment) |

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# 3. Operation Instruction

## 3.1 Operation Instruction

The following are the explosion diagram
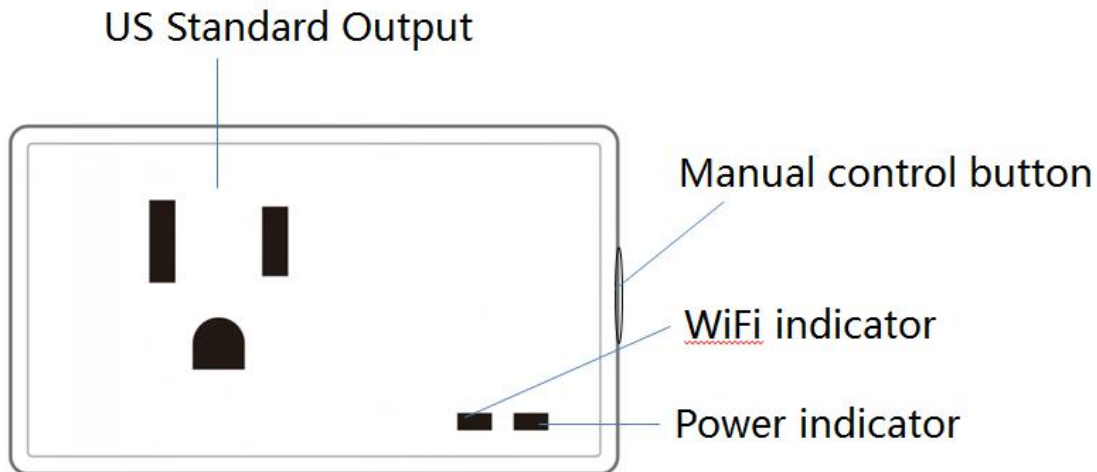


| No. | Function | Details |
|-----|----------|---------|
| 1 | Manual control button | 1. Click the button to power on or power off.<br>2.Restore factory settings: Press button 5 seconds till WiFi indicator flashes quickly. |
| 2 | WiFi indicator (Blue) | 1. WiFi indicator keeps on when WiFi connected successfully.<br>2. WiFi indicator flashes quickly when WiFi connection failed or connected abnormal. |
| 3 | Power indicator (Red) | 1.power indicator keeps on when power on the plug.<br>2.power indicator is off when power off the plug. |

## 3.2 Software Information

The APP is compatible with Android 4.1 and iOS8.0 or above system. iOS users could search the APP in App Store. Android users could search the APP in Google Play.

## 3.3 WiFi Configuration
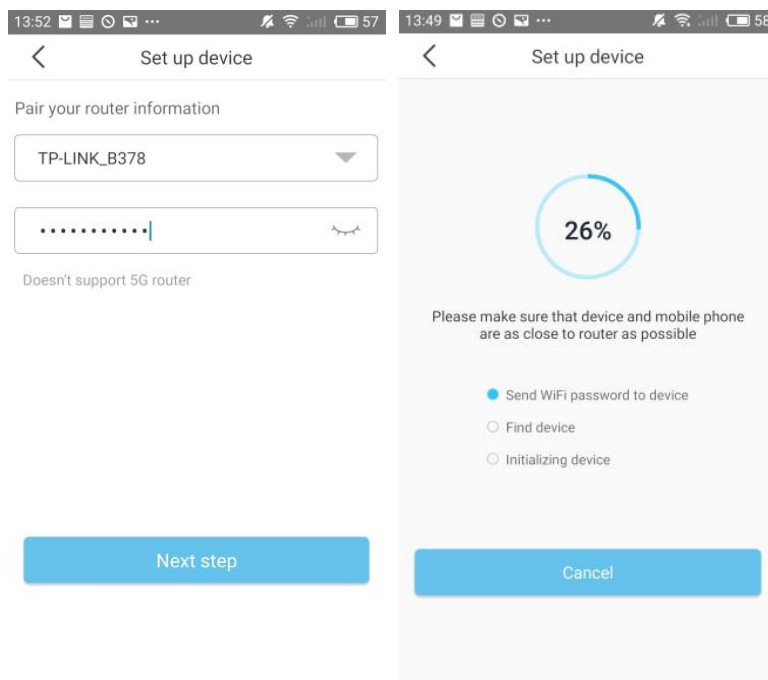
### 3.3.1 Add device in Easy mode

WiFi networking configuration for smart plug is convenient and rapid, mobile could be connected to the designated router quickly, the whole process is generally less than 15 seconds.

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**Configuration process:**

Step One, power on the plug, search in App store/Google Play or scan QR code to install APP, connect mobile phone to 2.4GHz WiFi.

Step Two, open APP to click "+" to select device, enter "Networking" interface, input current WiFi password.

Step Three, once the plug is powered on, please check if the blue LED flashes quickly, if yes, please confirm and click "Next Step" directly. If not, please reset device: long press manual control button till WiFi indicator flashes. Click "Next Step" to start connection.



## 3.3.2 Add device in AP mode

AP mode is a supplementary configuration way, if you failed configuration in Easy mode, please try AP mode to add device.

If the configuration is failed, you will find following page, you can click retry button to repeat above process. Or click "Add device by AP mode".

*According to page prompt, go to WLAN setting in your smart phone and select the "STPlug_XXXX" for your WIFI, no need to input password.
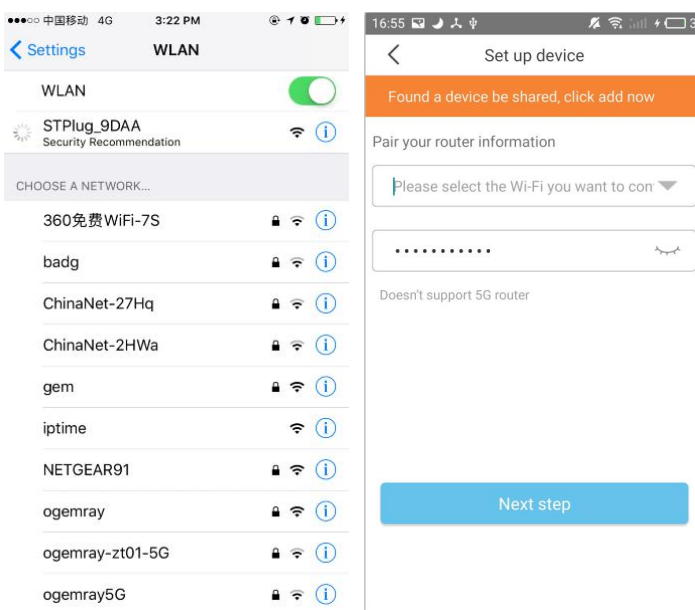
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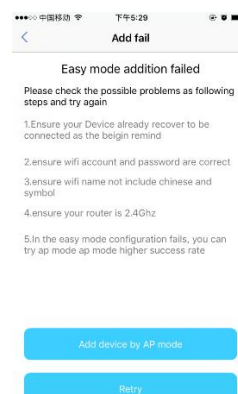
*Once you select the "STPlug_XXXX ", go back to app, click ▼ to select WiFi SSID and input password, click "Next Step" to start connection. Once devices configured successfully, you will find it in device list.
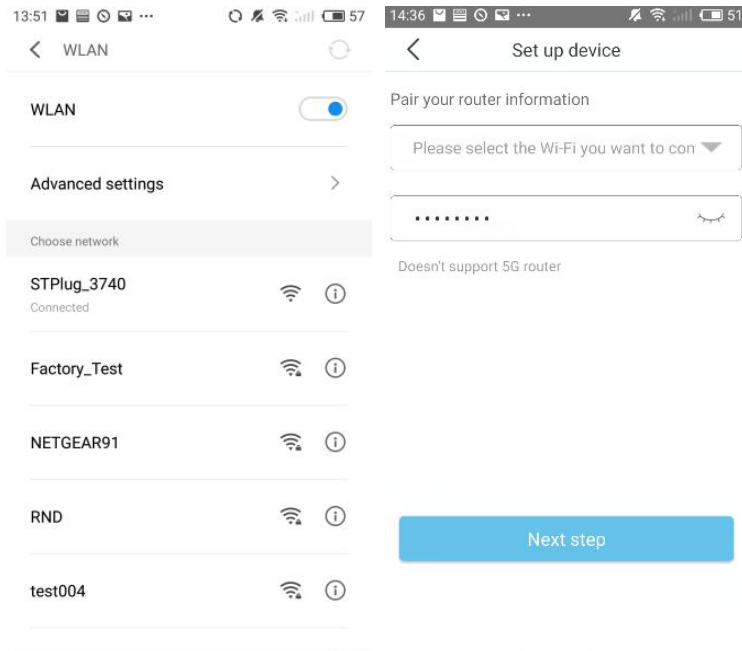


Tips: If there is no WiFi around the smart bulb, you can select "Direct control" to connect, then the smart plug can be only local controlled by APP, and can't voice controlled by Alexa/the Google assistant.

### 3.3.3 Shortcut Configuration

If the device has been configured and work in WiFi control mode, users who want to control the plug just connect the mobile to WiFi, the device connected, then open the APP, click "+" then enter to click orange prompt message to add device, after configuration, users can local control and remote control the plug.

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Remark:

1. Sharing mode of smart plug is default, if the administrator(the first user finish configuration) close the sharing mode in setting, the users can't find device via this configuration.

2. Sharing mode only work in WiFi control work mode, sharing mode focus on account in the same WiFi, if administrative open sharing mode, other users also could search smart plug in the same WiFi without restoring factory settings.

## 3.3.4 Share Configuration

If the device has been added successfully and work in WiFi control work mode, administrator can share the device to users to help their configure device, the users who configure plug just need to keep mobile in WiFi/4G network.
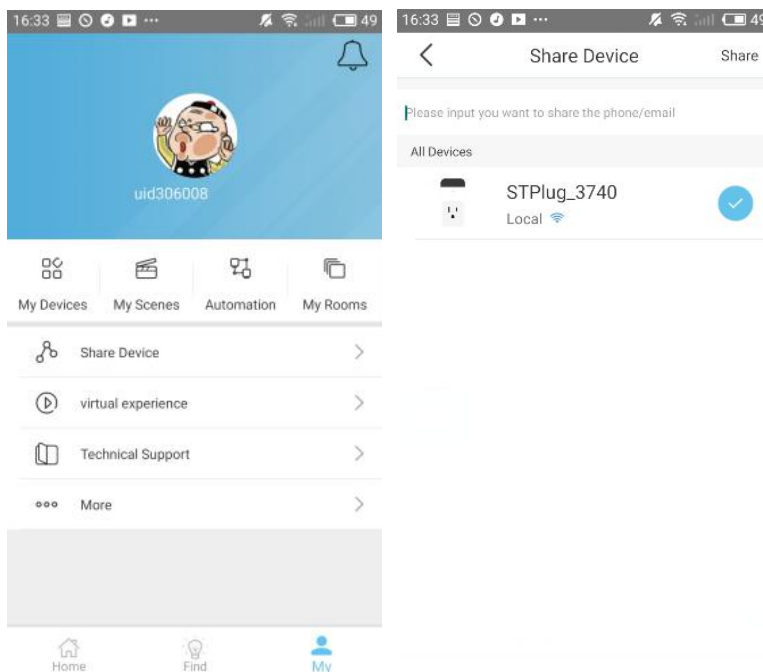


## 3.4 WiFi Work Mode

Smart plug WiFi work mode is WiFi control/Direct control.

If there is WiFi network in the usage scenarios, the lamp supports two work mode.

WiFi control work mode: connect mobile phone to WiFi firstly, users input current WiFi password in APP, when the device receive the router broadcast, it connect to network automatically, which support local control and remote control. Smart plug works in WiFi control work mode for default. In this work mode, there must be good running WiFi around the smart plug; mobile phone can connect to WiFi or 4G.

Direct control work mode: when there is no WiFi around the smart plug, mobile phone is connected to

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smart plug WiFi directly. Mobile phone connects to the smart plug signal "STPlug_XXXX", then choose "direct control" in networking page.
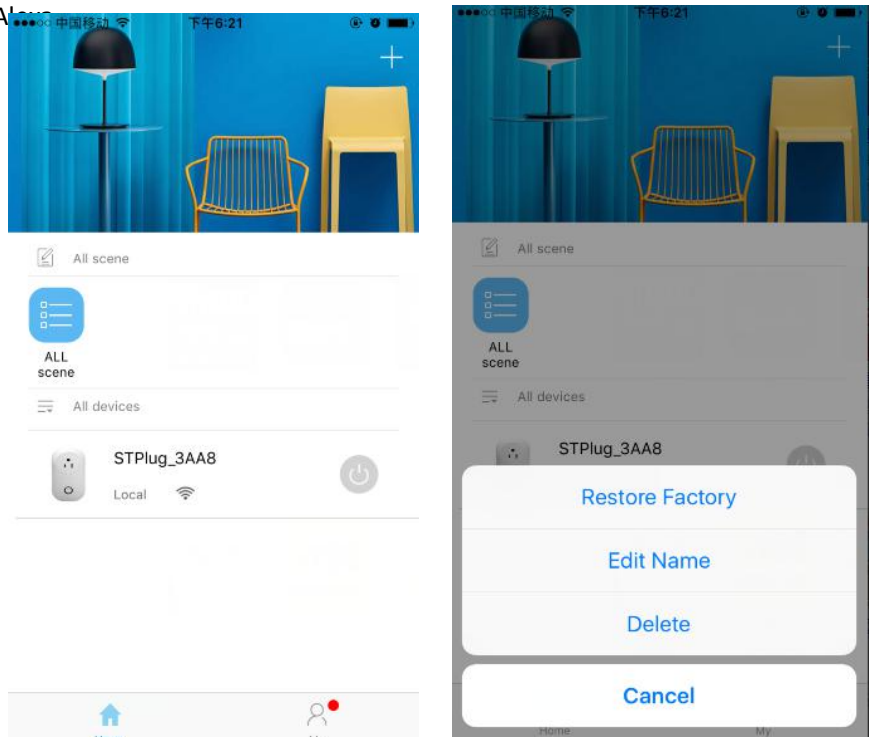
## 3.5 Set "Alexa" APP

*Remark: If you want to voice control your device with Alexa, the device must be added successfully and work in WiFi control work mode.*

1. Once install the APP, the APP will ask you to register, select language and enter your email, input verification code and create a password. If you could not see the verification code well, you can click the code button to refresh and input again.
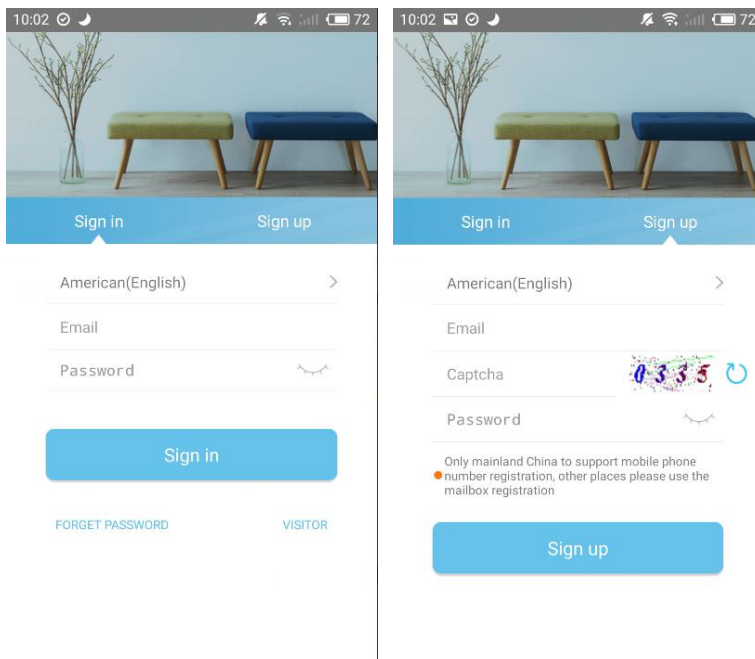


2. Once devices configured successfully(Refer to 3.3.1 Add device in Easy mode), long press corresponding device in device list to set a suitable name such as "COCO" for your device, without unique names, you will be difficult to control the device via your voice with Alexa.
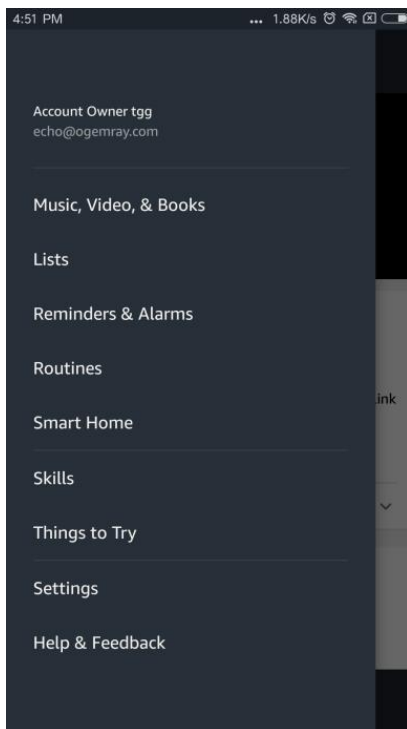
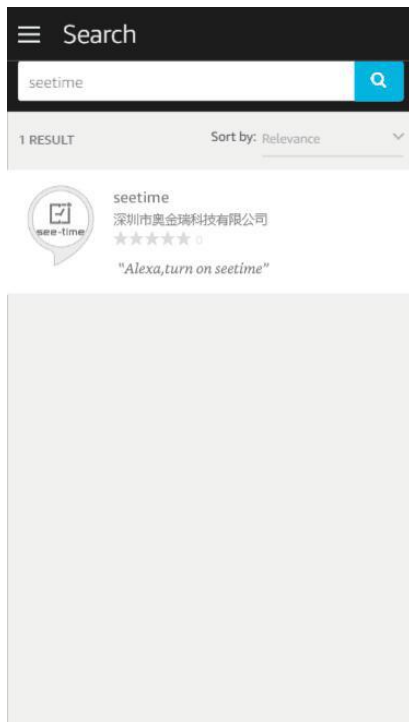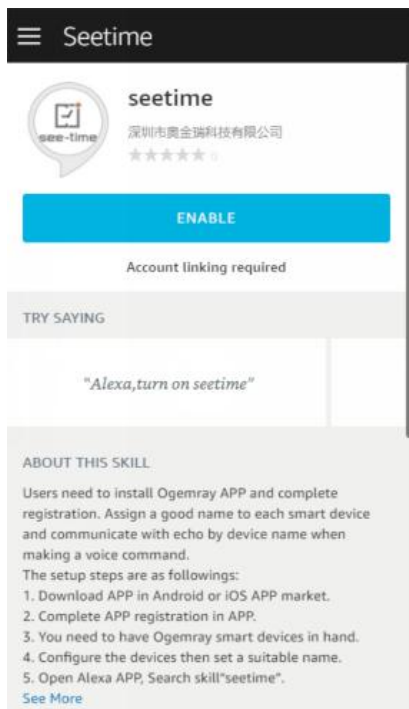3. Open "Alexa" APP, click [Home]. (As below highlighted)
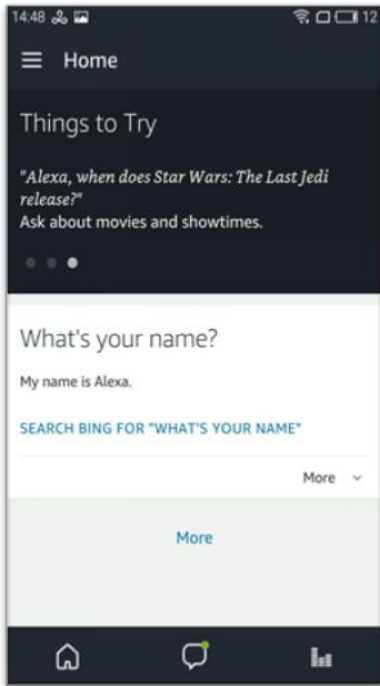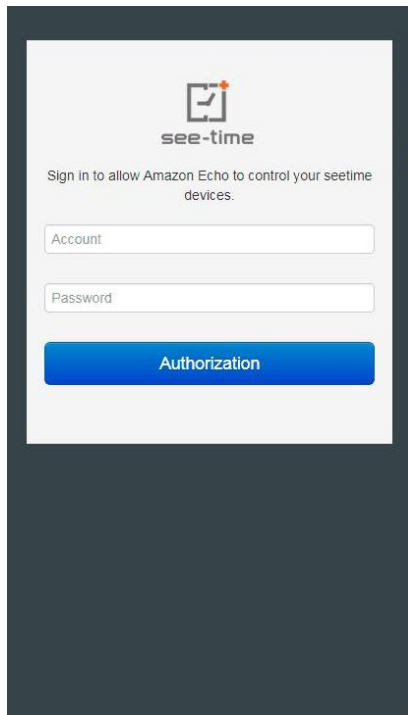
4. Click ` Skills `.
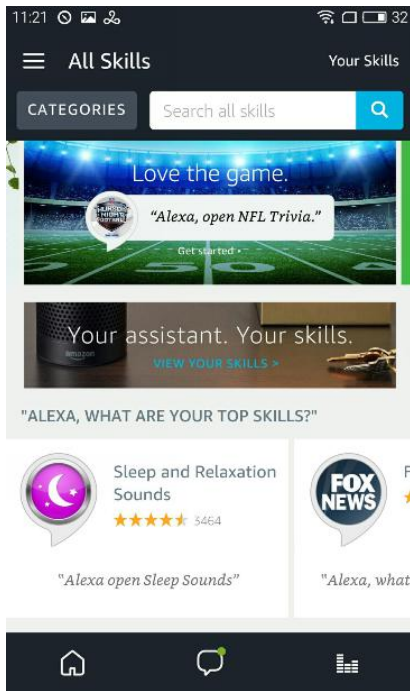


5. Input "seetime" to search skills, click search

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6. Click "seetime"　　and enter.



7. Click ENABLE

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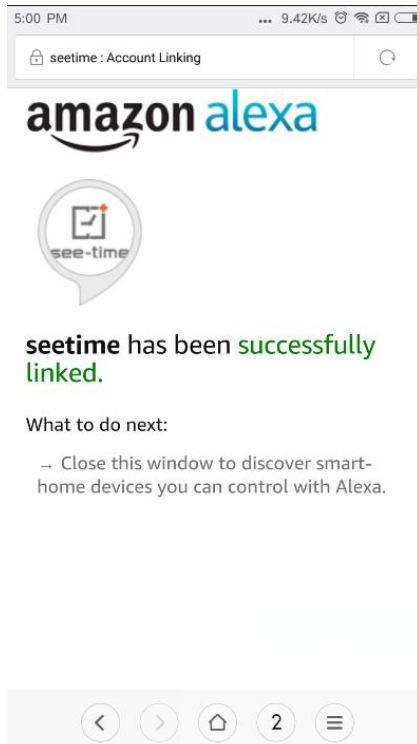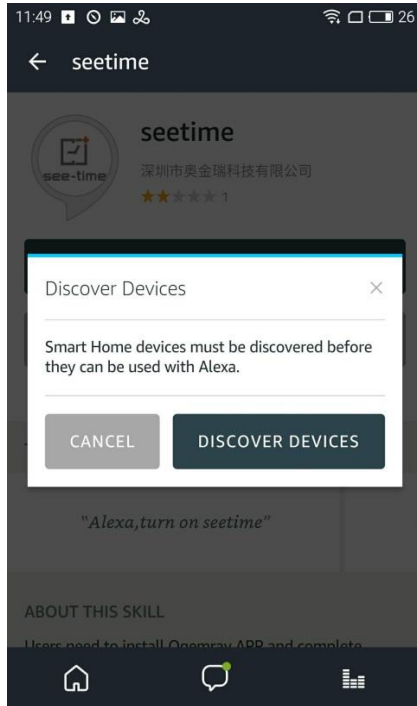Mob: 008618038859196        Skupe: quintina@gdchico.cn

8. Input your APP account and password which you have registered. (Attention: this is not the account and password of Alexa APP). Click Authorization
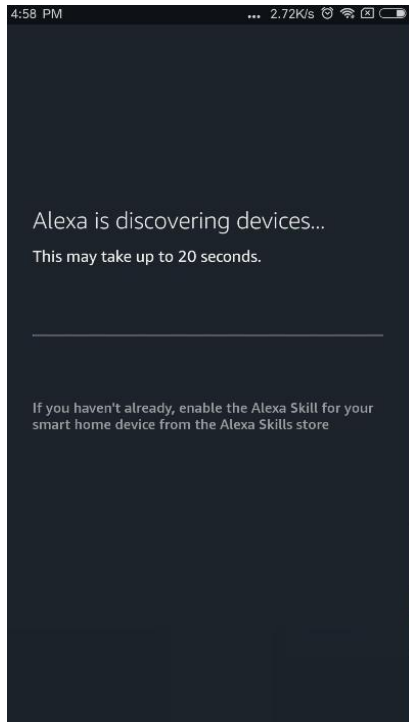
see-time

Sign in to allow Amazon Echo to control your seetime devices.

Account

Password

Authorization

9. Close this window to discover smart devices you can control with Alexa

5:00 PM          ... 9.42K/s ⏱ 🛜 ⌧ ⎕▮

🔒 seetime : Account Linking          ↻

amazon alexa

see-time

**seetime** has been **successfully linked.**

What to do next:

→ Close this window to discover smart-home devices you can control with Alexa.

< > ⌂ 2 ☰

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10. Click [DISCOVER DEVICES], then looking for devices.



11. Alexa is looking for devices

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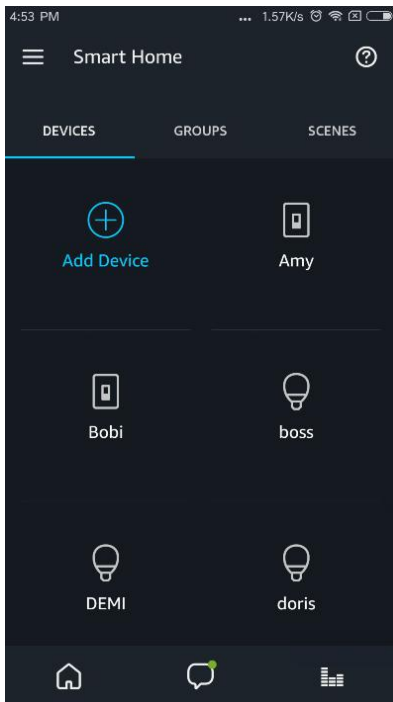Web: www.elechico.com        Email: quintina@gdchico.cn
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12. If successful, you will find the device list, then you can voice control the smart plug with Alexa
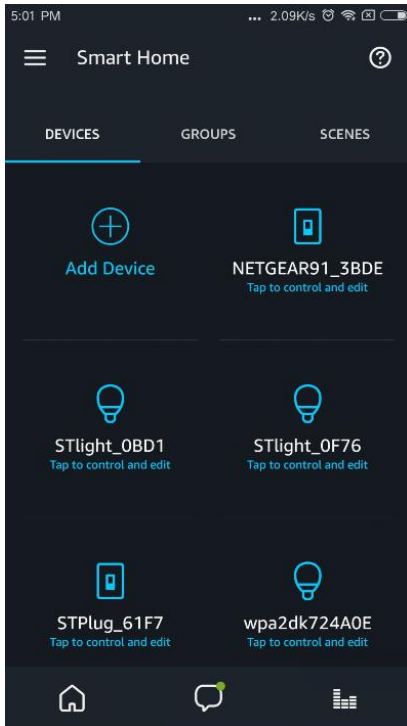


13. If failed, you will not find device list, please check FAQs to find out reasons, then discover devices again in the following interface. Click "Add Device", Alexa will help you discover devices again.

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14. If users do not find the interface of discover above, they need to enter Smart Home interface, click "Smart Home".
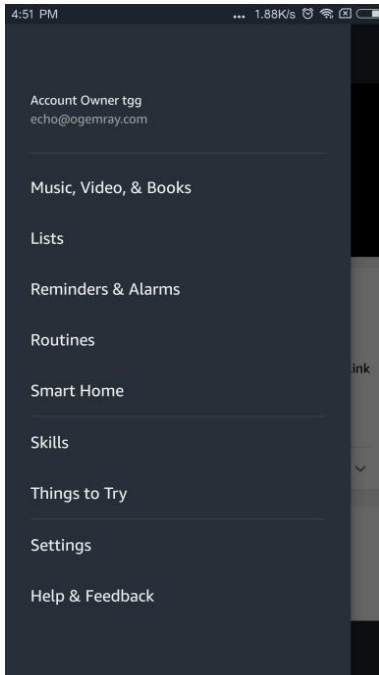
15. Click "Add Device"
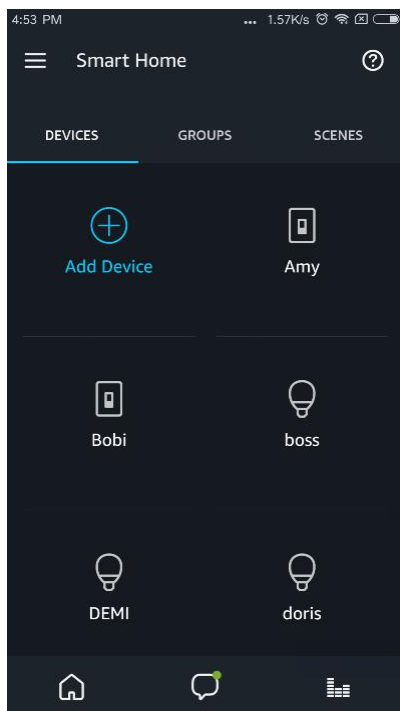
16. After connection, try saying following commands to control the plug.
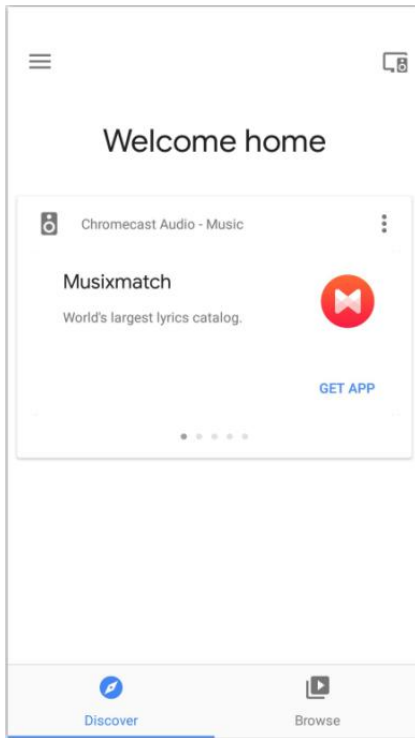
"Alexa, turn on the "COCO"

"Alexa, turn off the "COCO"

*Remark: If you resign the smart plug name in APP, you need to search device again in Alexa APP, then to control the plug via voice commands.*
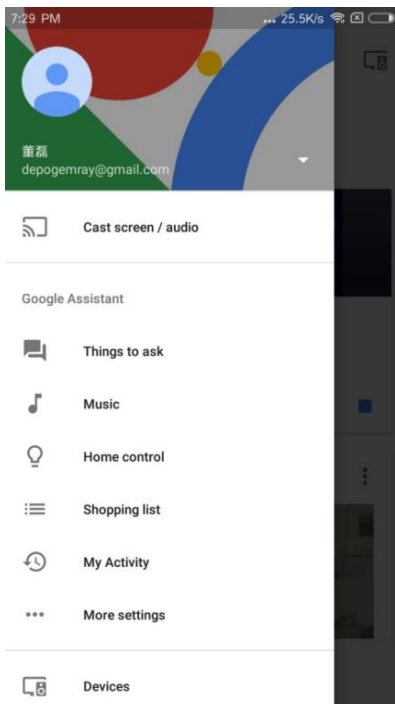
## 3.6 Set "Home" APP

*Remark: If you want to voice control your device with the Google assistant, the device must be added successfully and work in WiFi control work mode.*
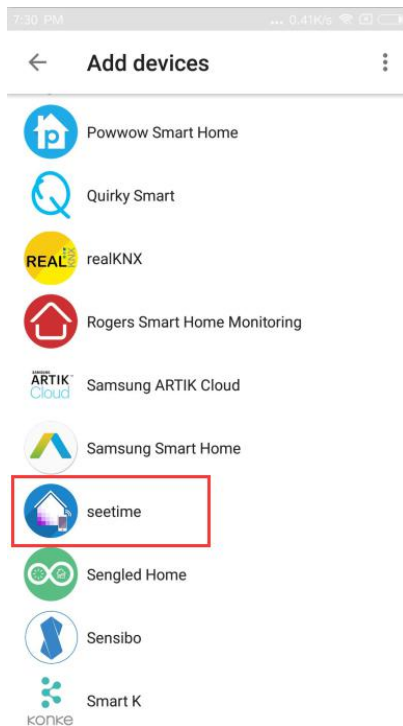
1. Open "Home" APP, click ≡



2. Click 💡 Home control and enter

3. Scroll down the services list to find "seetime", click  seetime



4. Input your APP account and password which you have registered. (Attention: this is not the account and password of "Home" APP). Click Authorization

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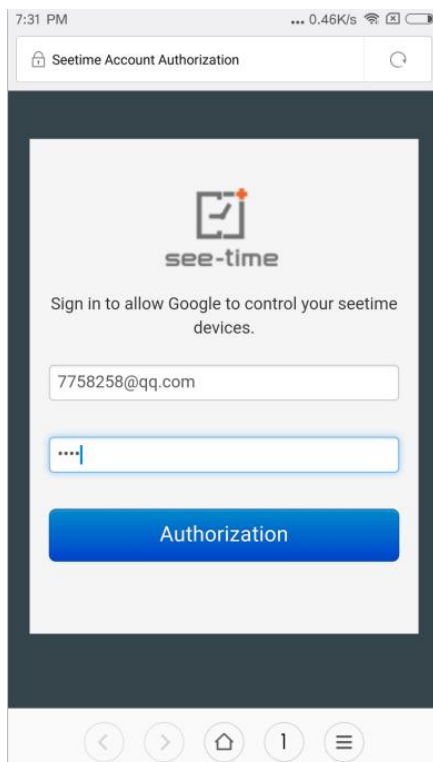
5. Click "OK" to open Google.



6. Google is linking your seetime account.

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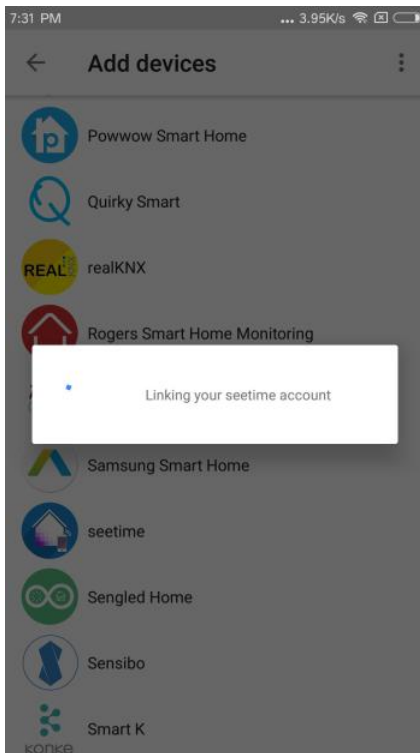Mob: 008618038859196          Skupe: quintina@gdchico.cn

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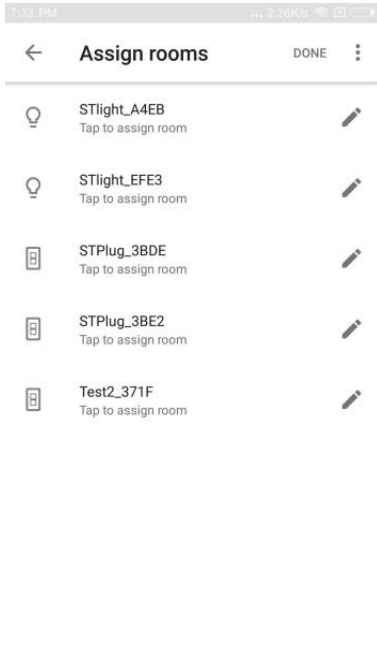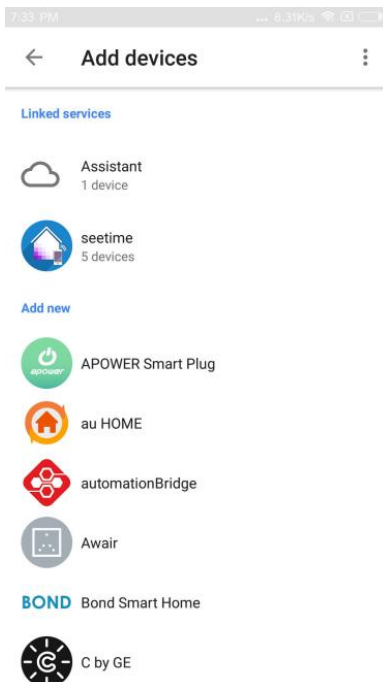
7. You can find the device list which has been configured by your APP account. You can set a good name and assign room in "Home" APP. Click  ←  button you can find linked services.

*Remark: Without unique name, you will be difficult to control the device via your voice, you can also voice control the devices by the name set in APP.*



8. The following picture is linked services list.



9. Then you can try saying following commands to control the plug

    "Ok Google, turn on the <device name>"

    "Ok Google, turn off the <device name>"

    Or you can try another queries as you want, like "Hi Google", "Hey Google" or other queries.

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10. After service linked, if you add new devices in APP, you need to unlink "seetime" service then link the service again to refresh devices list, click "Home control".
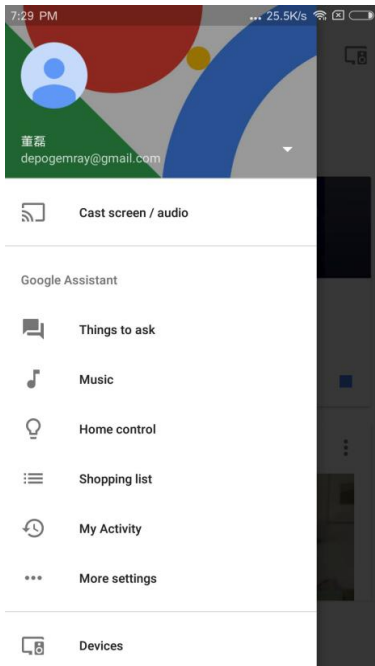


11. Click ⊕ , enter linked services list.

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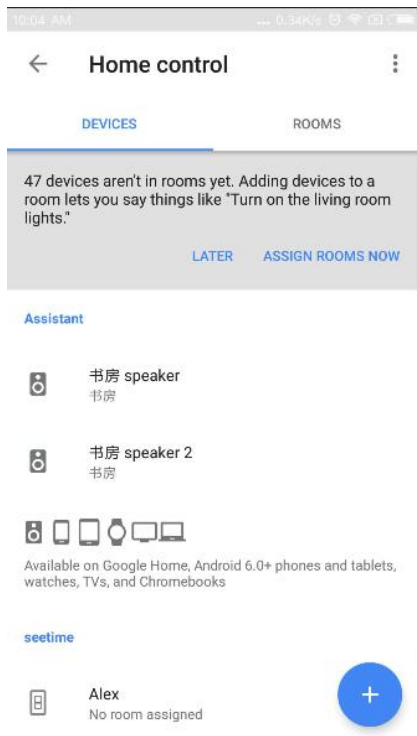
12. Click
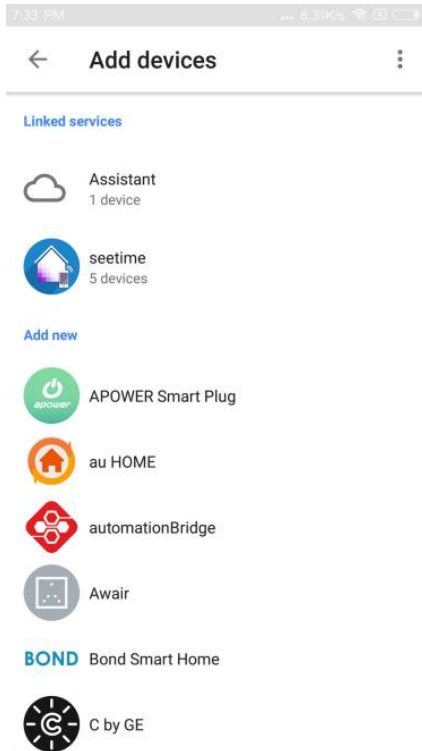
13. Click "UNLINK" to unlink seetime service and APP account.

14. Please try to link "seetime" service and add devices again according to above steps 1-7 in this chapter. Then you can try saying commands in the step 9 of this chapter to voice control devices.

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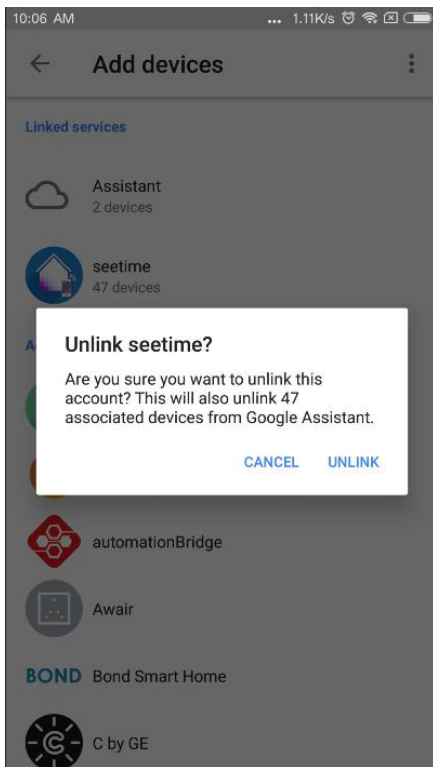## 3.7 FAQs

If users meet problems during WiFi configuration and Alexa/the Google assistant configuration process, they can check following items and try again.

1. Please check whether the device is powered on.

2. Please check whether the phone is connected via WiFi.

3. Check routers or related: If router is dual-band router, select 2.4GHz network and add device.

4. Make sure the password entered in APP is correct when adding new device

5. Make sure the device reset successfully, long press manual control button till blue indicator flashes.

6. If the connection with Alexa/the Google assistant is not successful, please try again according to this manual, thanks for your support.

# 3.8 APP Introduction

## 3.8.1 Home Page

In home page, user can turn on/off plug, virtual experience, change icon picture, change plug name, restore factory settings and delete device.
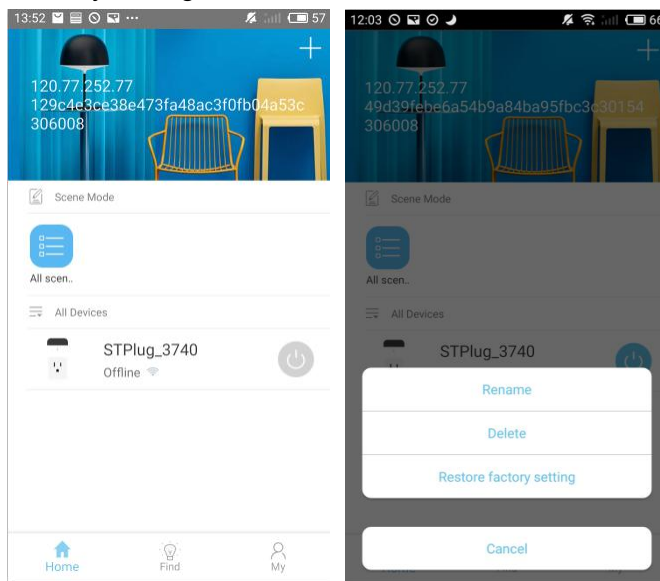


## 3.8.2 Smart plug Control

In control interface, user can control smart plug and check real-time power. Also, they can enter following function UI:

- Timing function
- Control history view
- Power monitor
- Support local and remote control

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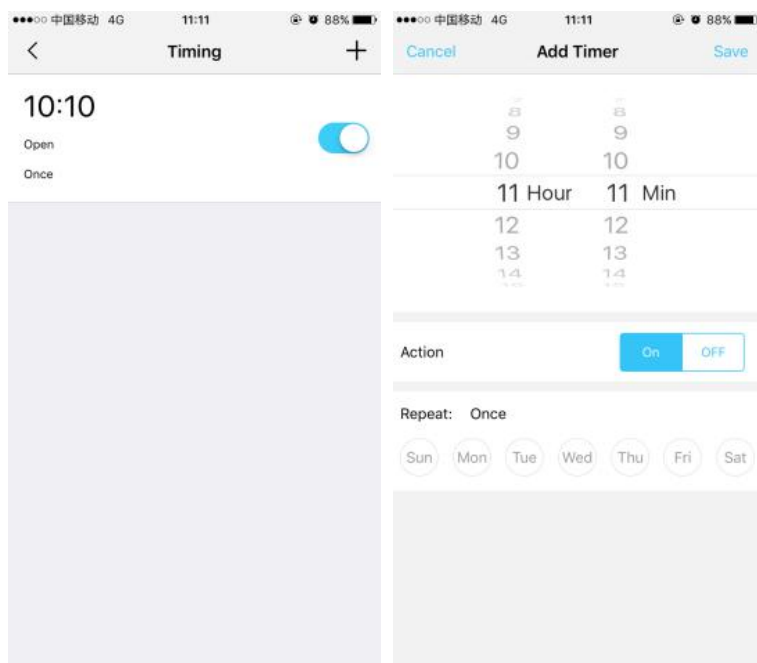
### 3.8.3 Senior Settings

- Set smart plug name
- Restore factory settings
- Plug information
- Sharing mode
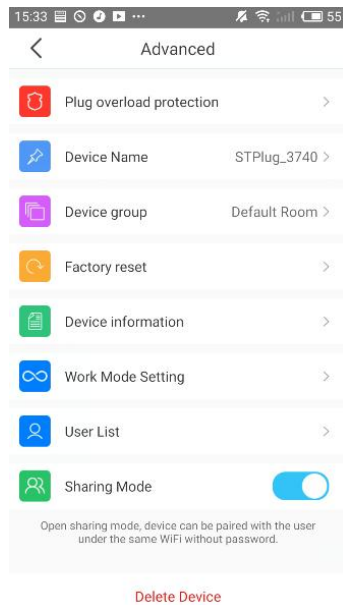
### 3.8.4 Timing Function

Smart plug has precise system clock, accuracy can reach the second level. The module can support up to 8 timers, three execution modes can be set for each timer: a single execution, weekly looping execution, daily looping execution.

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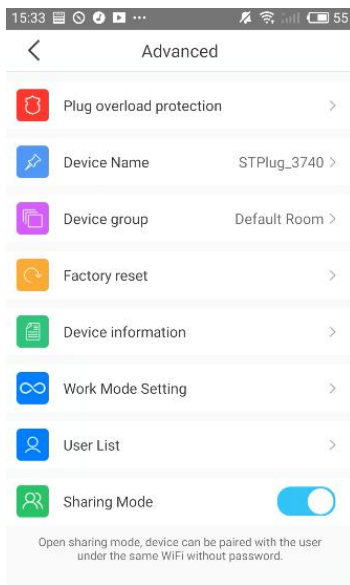
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### 3.8.5 Control Record



### 3.8.6 Sharing Mode

Click upper right corner of plug control interface to turn on and turn off sharing mode.

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Remark:

1. Only administrator can turn on sharing mode, administrator is the first user account who connected smart plug.

2. Sharing mode only work in WiFi control work mode, sharing mode focus on account in the same WiFi, if administrative open sharing mode, other users also could search smart plug in the same WiFi without restoring factory settings.

## 3.8.7 Plug Share

Open sidebar to click share device, choose smart plug and input account to share device with friends or family members.
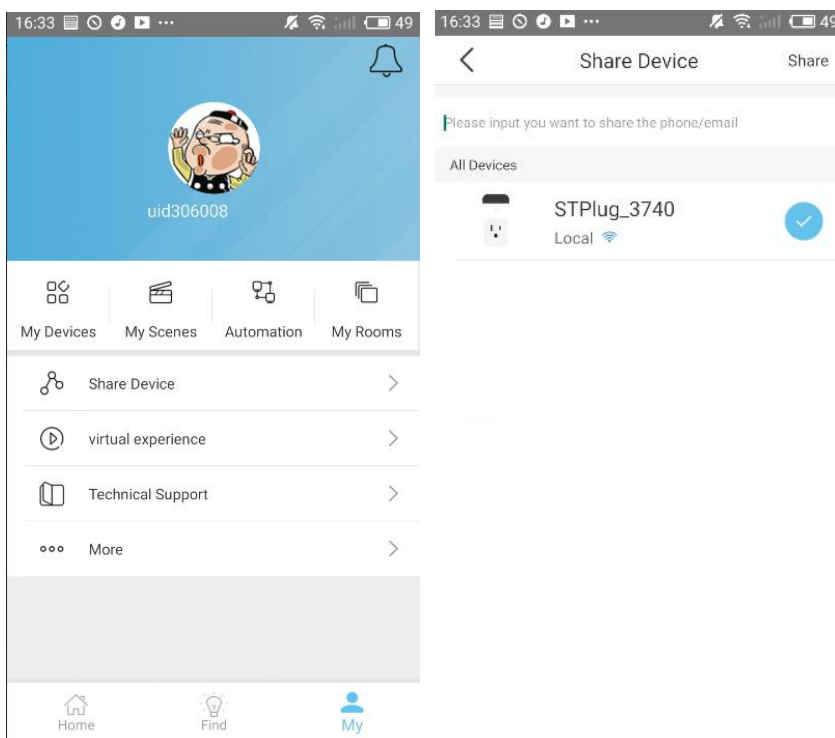


Remark:

1. Only administrator could share device with other account

2. The users who is shared with smart plug will receive prompt message in APP but do not have permission to share others again.

3. The user who is shared with smart plug could local or remote control the smart plug.

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# 4. Using environment requirements

## 4.1 Suitable temperature and humidity range:

Suitable work temperature ： -10℃-+50℃

Suitable storage temperature ： -20℃ -+85℃

Suitable working humidity ： 20%-85%

Suitable storage humidity ： 20%-85%

**Note：In order to maintain the service life of the product and ensure the performance of the product, please use and store this product in strictly accordance with the environmental requirements.**

# 5. Approval and certification

Smart plug has got the following certification:

| Certification | Approval |
|---|---|
| FCC | Ongoing |
| RoHS | Pass |

# 6. Product Update

The device supports FOTA (wireless silent upgrade).

iOS APP supports App Store update; Android APP supports APP update reminder, if there is APP update, cloud will push message to APP to notify users.

# 7. Disclaimer

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