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Add: 15F, No.81,Sec.1, Hsin Tai Wu Rd.,Hsi-Chih 221, Taipei Hsien, Taiwan

Smart Hub

SA-7113

Smart Hub (SA-7113)

The Smart Hub can send notifications and monitor your smart device to smart phone/pad. All you'll need is a Wi-Fi or 3/4G and Bluetooth 4.0(Bluetooth Low Energy) connection. Part of the smart device family of connected Smart Hub that make life easier, simpler, and better.



Features:

- Control your smart home device anywhere
- Send notification to your smart phone/pad when satisfy you set conditions
- PowerPlug and Smart Light Schedule Control
- PowerPlug monthly consumption comparison and cost calculation.(TBD)
- Smart Link (iOS will release on Q2/E)
- StandAlone Control (iOS will release on Q2/B)
- A gateway can control 12 devices
- Free app for iOS and Android
- Build-in WiFi antenna
- Build-in Power Amplifier for extended Bluetooth distance.

Specifications:

Power supply	DC 5V/1A(Micro USB)
Operational temperature	0~40°C
Storage temperature	-20~60°C
WiFi antenna	Build in chip antenna
Bluetooth antenna	Use Rod Antenna
Switch	- Pairing - WiFi setup
Reset button	Reset to factory default
Communication	WiFi + Bluetooth 4.0(Bluetooth Low Energy)
Communication distance	60M for free space, 15M for indoor
Safety	R&TTE/FCC
Weight	66g
Dimension	70x70x22.6 (mm)
WiFi Security Supported	OPEN, WEP, WPA, WPA2, WPA+WPA2
WiFi Encryption Supported	CCMP/AES, TKIP, TKIP+CCMP/AES



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WiFi Authentication supported	PSK, PSK+RADIUS*
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- WiFi Authentication RADIUS no supported

Gateway LED Staus

BLUE LED	1. WIFI SEARCH CONNECT (1 SECOND FLASH INTERVAL)
	2. Connecting to Server (0.5 seconds flash interval)
	3. Other access (BLE related) (0.2 seconds flash interval)
	4. BLE scan for paring (2 Seconds flash interval)
Orange LED	1. Initial state (before any setup) (2 seconds flash interval)
	2. Gateway setup mode (0.2 seconds flash interval)
	3. Update Gateway Firmware(0.2 seconds flash interval)
Red LED	1. All error (0.2 seconds flash interval)

Accessories (Package Contents):

- Micro USB to USB cable
- 5V/1A USB type adapter
- Bluetooth antenna

System Requirement:

Android - 4.3 and with bluetooth4.0

Apple – iOS 7 with Bluetooth 4.0 and iphone4s or above

Use scenarios

SMART HOME



Dimension



Smart Hub support smart device list

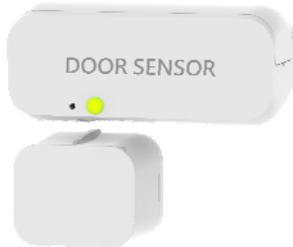
1. Smart plug for Europe



Monitor Power Consumption and usage anywhere, anytime

The smart plug can send notifications and monitor to your smart phone/pad showing how much power consumption your electronics are using. You also have the ability to turn your electronics on and off and monitor their behavior.

2. Contact sensor



Notify you when a door, window, or object is opened

The contact sensor can notify you when an object is opened, it will send notifications to your smart phone/pad. Protect your property and loved ones.

3. Smart Bulb



Control your Smart Bulb anywhere, anytime

Replace 40W Incandescent bulb by 8W LED. Save over 80% on electricity bill of lighting. Lifespan is over 25000 hrs. Save effort and maintenance costs on changing bulbs frequently.

4. Smart weather



High Precision temperature & Humidity measurement
Temperature ranges : -20°C to +85°C for ambient temperature

Precision Relative Humidity Sensor : ± 4.5% RH (max), 0–80% RH

How to download Smart Home APP

Go to Apple App Store download Σ Casa – SmartHome APP

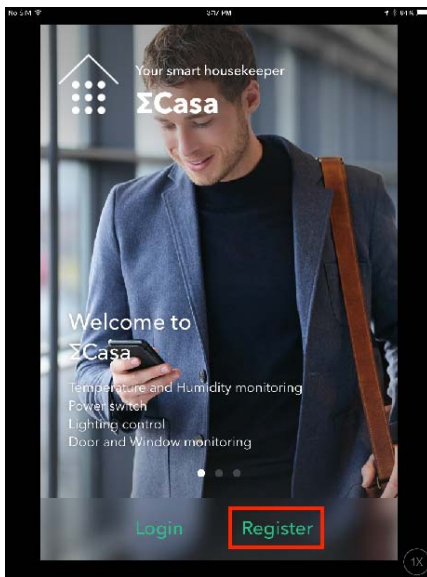


<https://itunes.apple.com/tw/app/casa-smarthome/id944794117?mt=8>

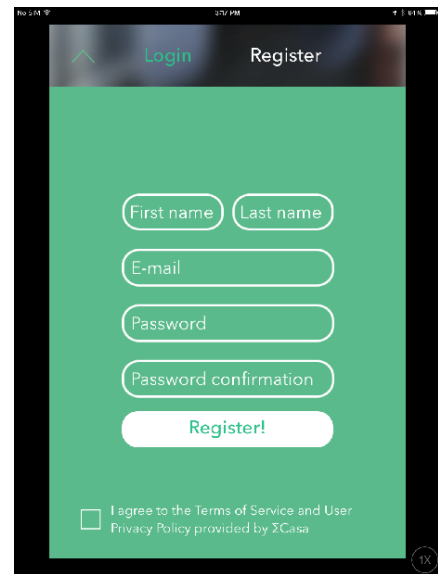
How to use Smart Home APP

1. Register Σ Casa account

1.1 if you first use Σ Casa please register account

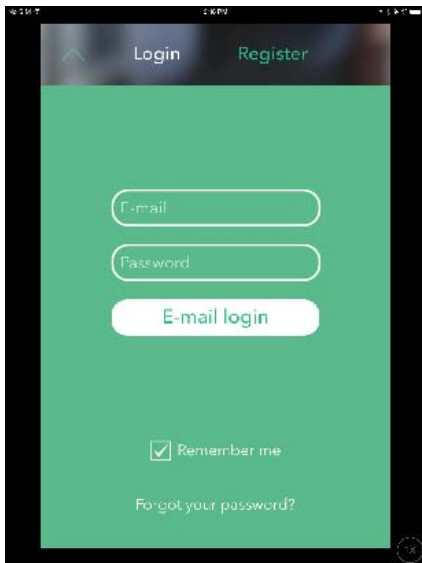


1.2 Fill in the information and agree the Terms



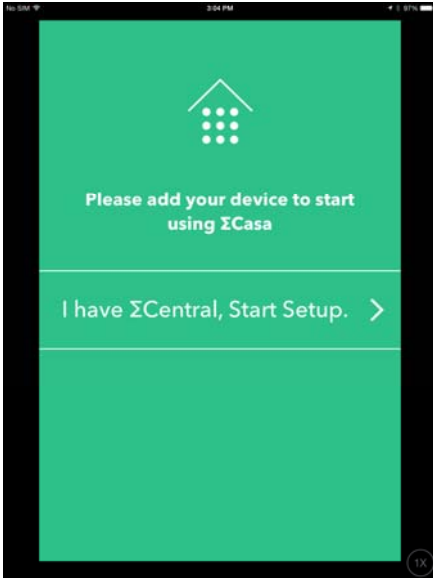
2. Login Σ Casa

2.1 login in your register mail account and open smart phone WiFi and Bluetooth

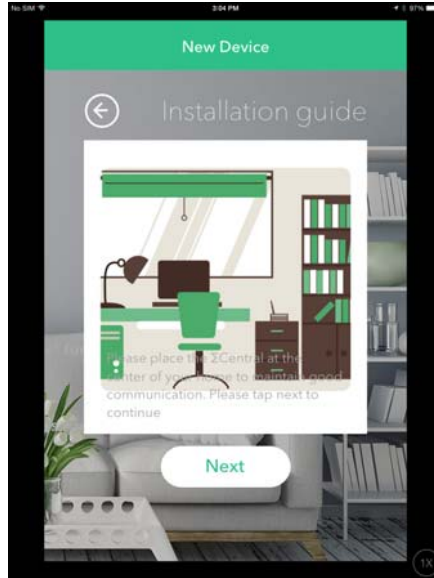


3. How to add ΣCasa to your network

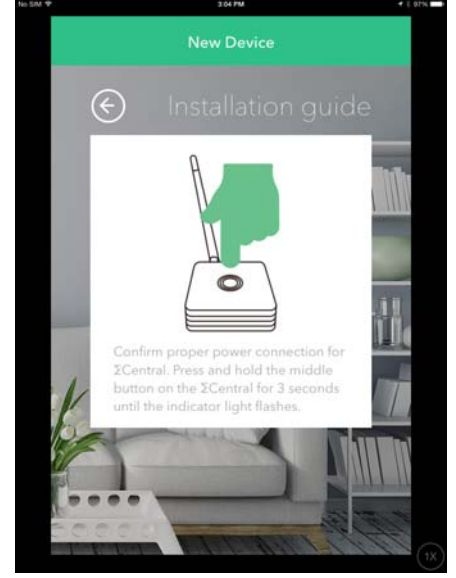
3.1 select StartSetup



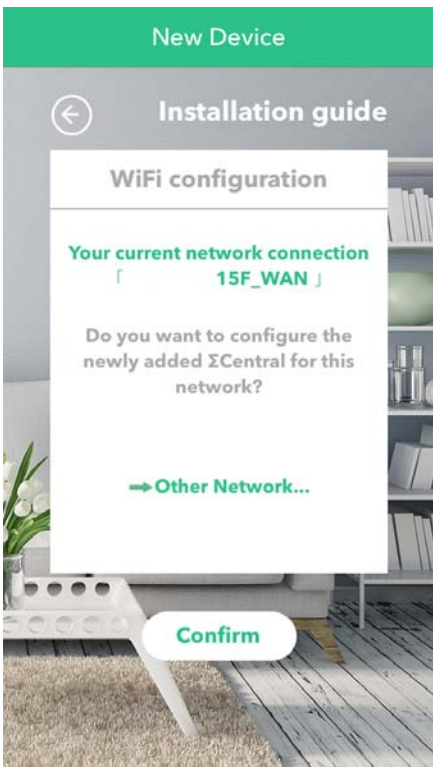
3.2 Follow the Installation Guide



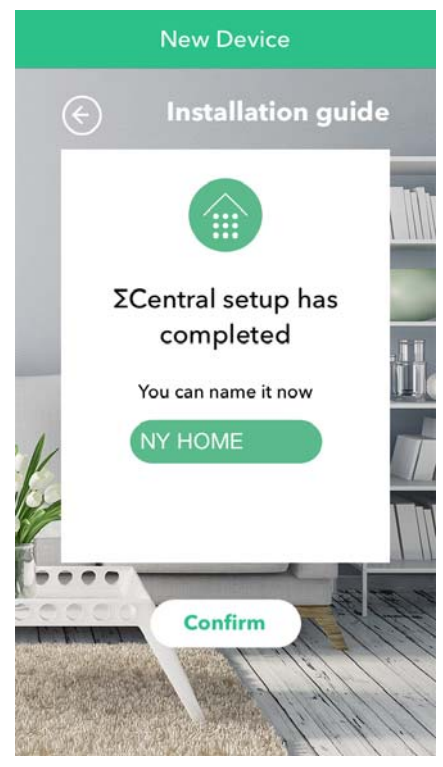
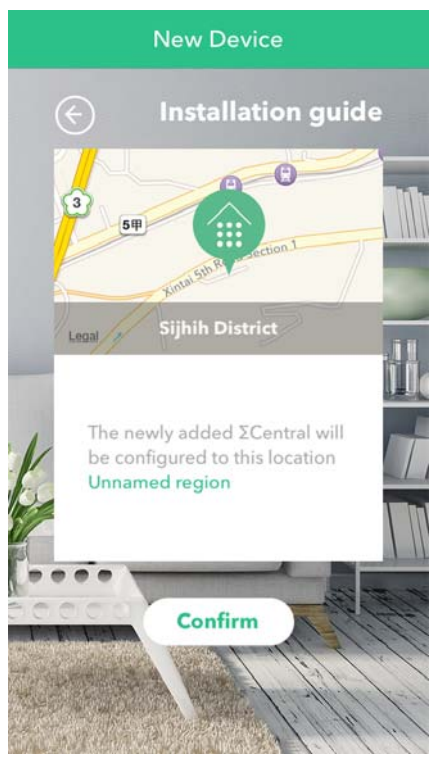
3.3 hold the ΣCentral button 3 seconds



3.4 select network

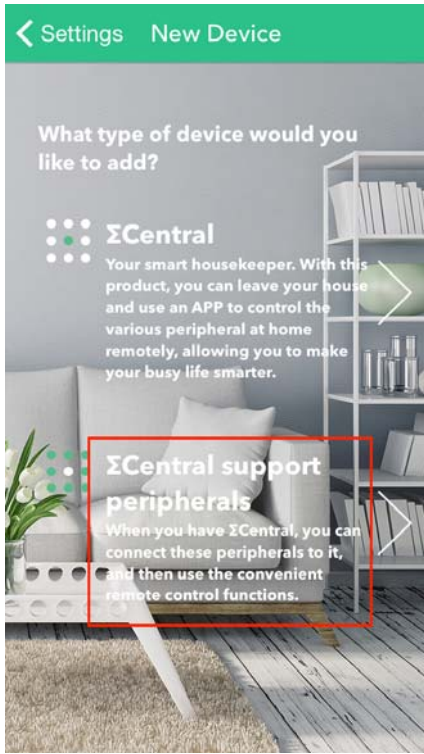


3.5 Set Location and ΣCentral name



4. How to add peripherals to your Σ Central. It can easy follow app step to setup new peripherals (example : How to add the Σ WeatherCube)

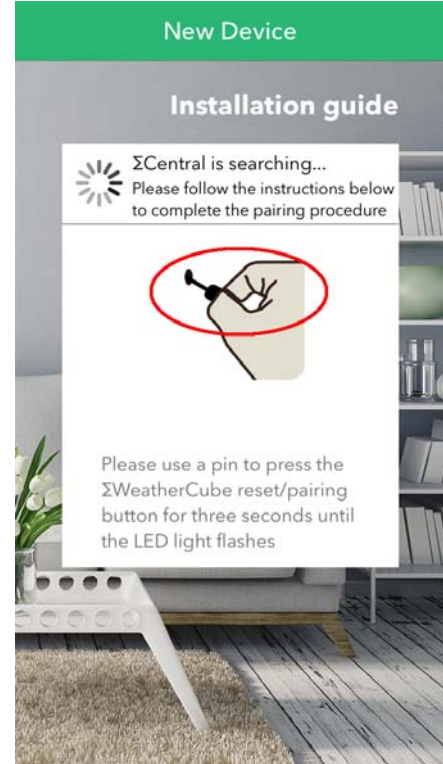
4.1 Go to Setting and select Σ Central support peripherals



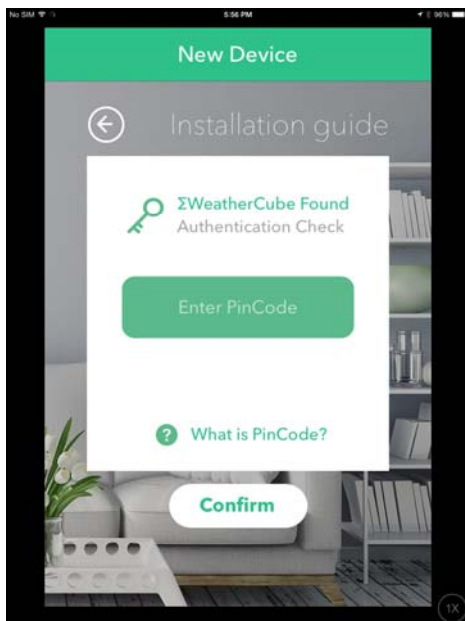
4.2 Add Σ WeatherCube and follow the step



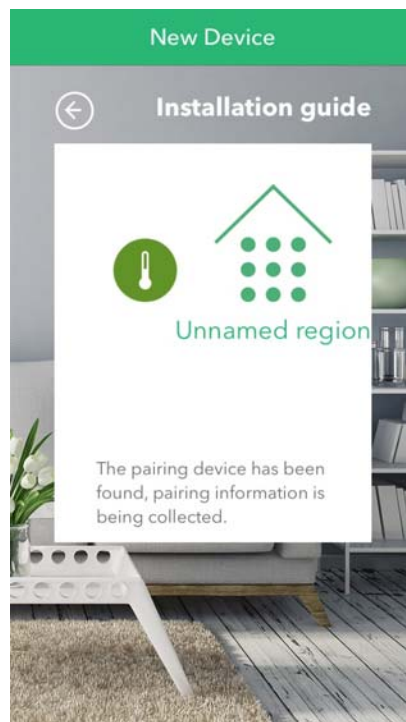
4.3 Use a pin to press reset button



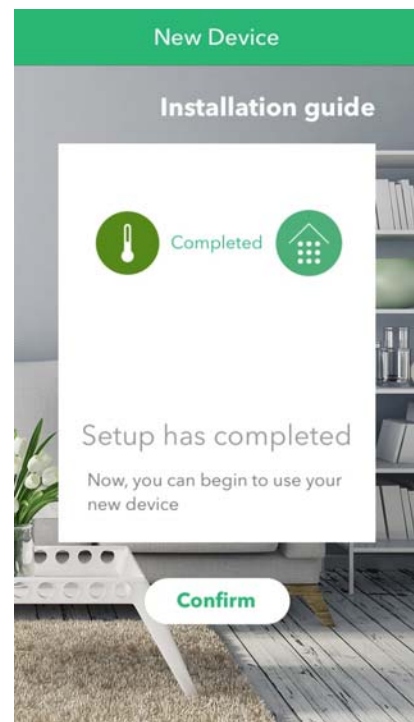
4.4 Entry PinCode for authentication sample PinCode is "888888"



4.5 Please wait few second for pairing



4.6 Pairing completed

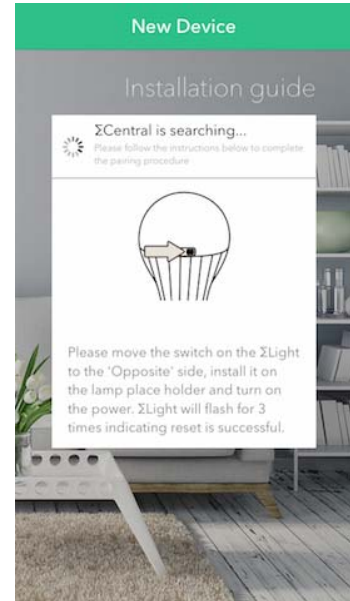
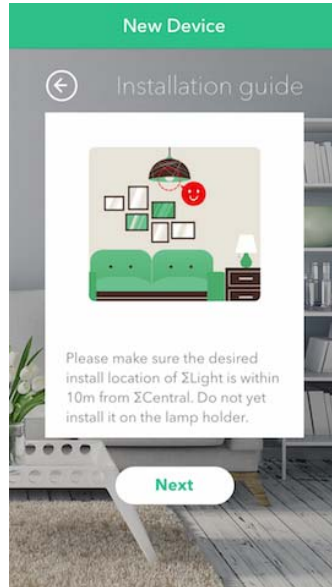


(example2 : How to add the SmartLight)

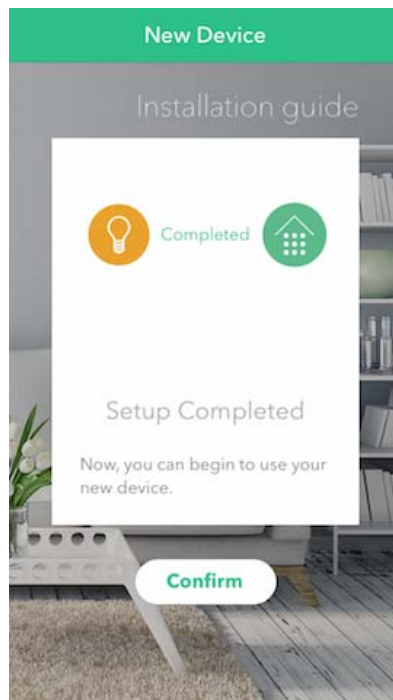
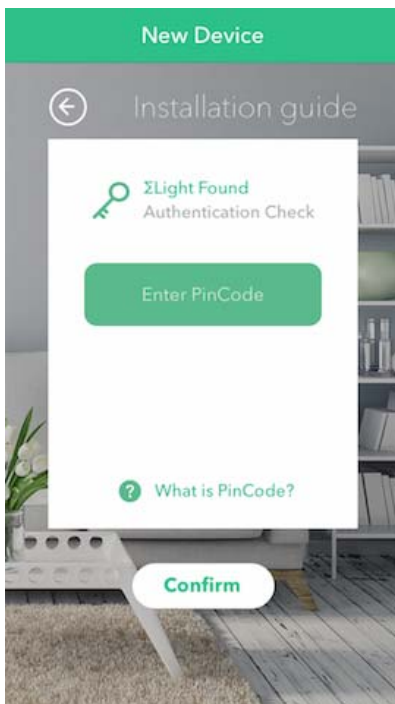
4.7 Add ΣLight



4.8 Change smart bulb slide switch to another side and install the ΣLight on the lamp holder and tighten it. The ΣLight will flash 3 times



4.9 Entry the PinCode for authentication and follow step

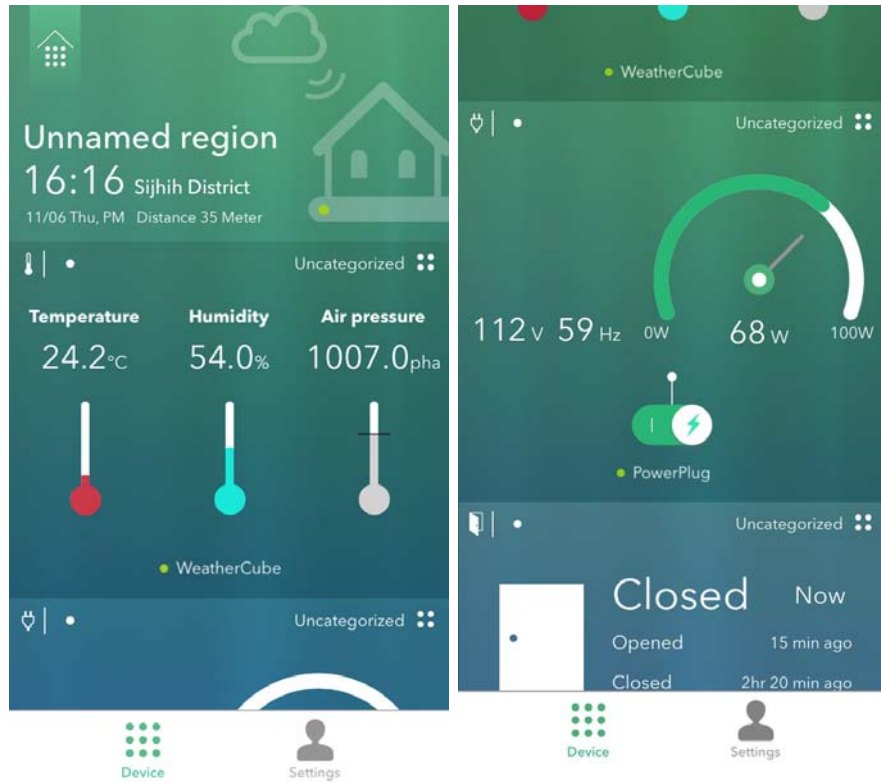


5. Start use Smart Home

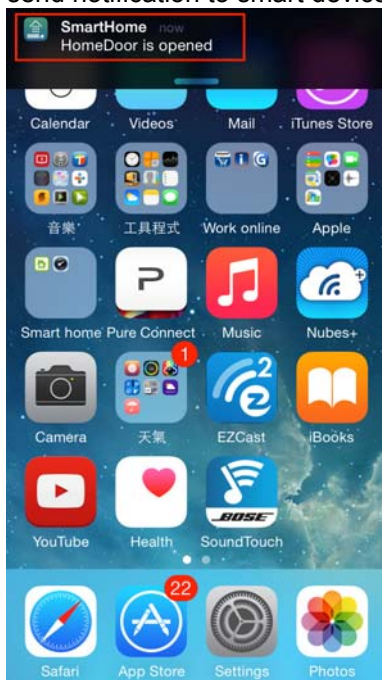
- 5.1 1.Select Device jump to main screen
2.Select Home logo
3. Select your ΣCentral



- 5.2 You can start control your Smart Home
You can see your home Temperature/Humidity/
Air pressure and Power plug status



- 5.3 HomeDoor notification
If HomeDoor close to opened, app
will send notification to smart device

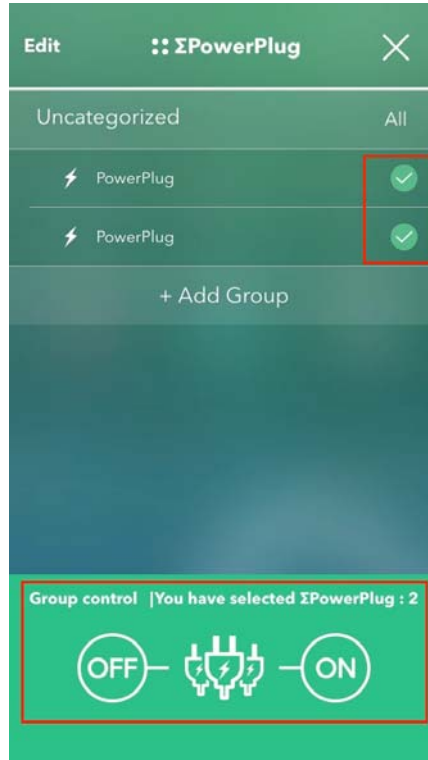


- 5.4 Multi-peripherals
If you have more PowerPlug
you can slide screen right or left to find it



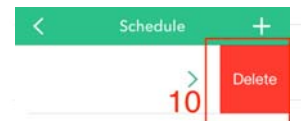
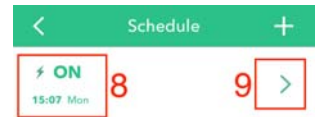
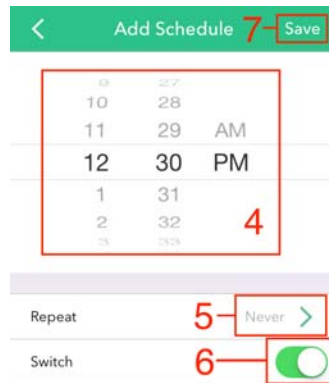
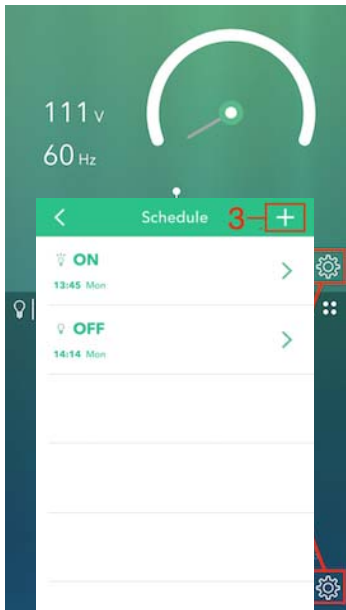
5.5 Multi-control

Push multi-control button and select device you want to control



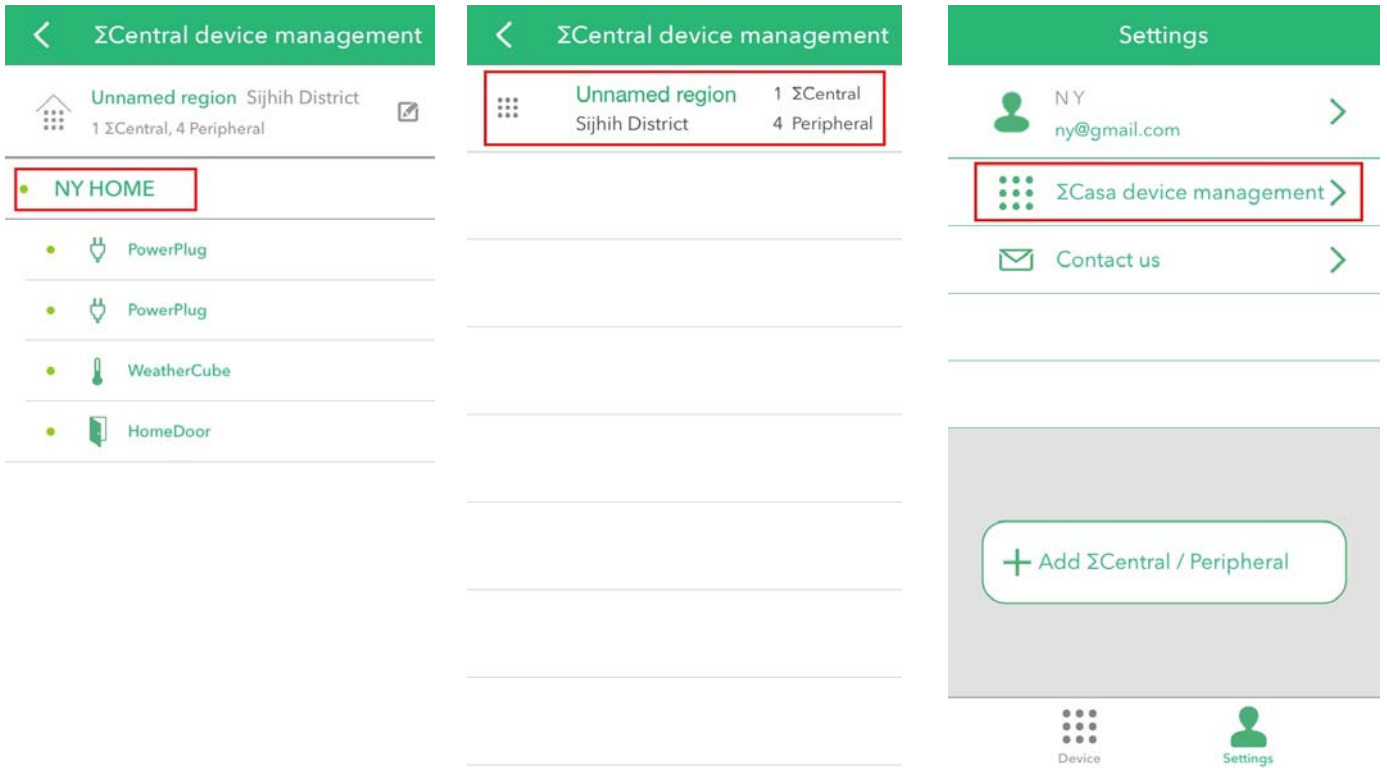
5.6 Scheduling-control

1. Select Device Setting icon
2. Select Schedule
3. Select "+" icon
4. Adjust the schedule time
5. Select one day from Monday to Sunday, Please don't select Never
6. ON/OFF Switch
7. Save the schedule
8. When Schedule save success, it can see status
9. Change schedule status
10. Slide the screen to left, it can delete schedule



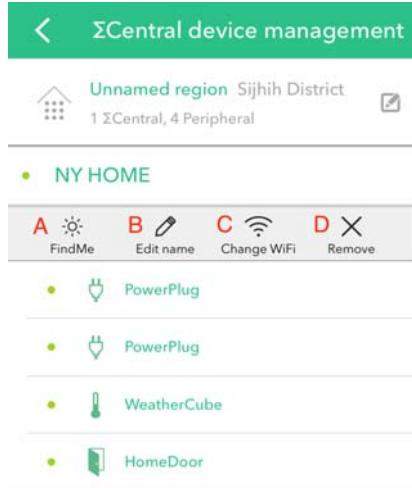
6. Settings

6.1 Select ΣCasa device management then select your ΣCentral



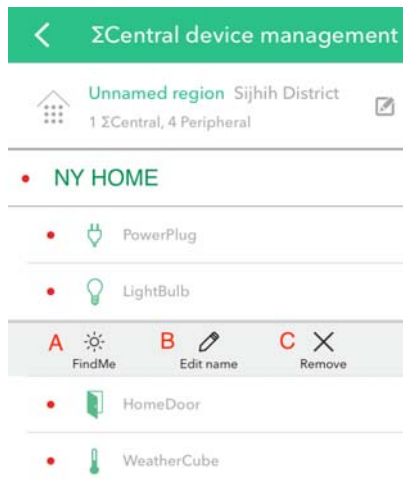
6.2 ΣCentral Setting

- A Find Me : ΣCentral LED will flash.
- B Edit name : Edit ΣCentral name.
- C Change WiFi : Change ΣCentral to another router.
- D Remove : Remove ΣCentral. All Peripheral will remove.



6.3 Peripheral Setting

- A Find Me : Peripheral LED will flash.
- B Edit name : Edit Peripheral name.
- C Remove : Peripheral will Remove from ΣCentral.





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FAQ

QUESTION	ANSWER
Can I change password?	YES, please goto settings/Account settings. You can change password
If I forget password, how can I do?	Login in page below side, you can see" Forgot your password" push it and fill in your mail address. The server system will send new password to you mail account
Where can find device PinCode?	Please see manual or device, you will find 6 number PinCode
Why I can't add peripherals?	please remove the APP form background and try again. If still can't add peripherals please delete the application and install again.
Why I need allow app access your location?	Please allow it. Because some function need use it. If you don't allow use location, it will cause software abnormal.
Why I need open Bluetooth?	Because we use Bluetooth to setup WiFi and we will have standalone mode use the same APP in the future
Why my gateway can't connect to WiFi router	Please close to WiFi router and try again
If my housing is biggest how can control distant device	You can buy more gateway to control it or place the gateway at the center of you home.
Can I control the peripherals when I leave my home?	YES, you can use 3/4G or WiFi to control it.



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Federal Communication Commission Interference Statement

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 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.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

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, and (2) This device must accept any interference received, including interference that may cause undesired operation.