

## Smart IR Controller - Manual

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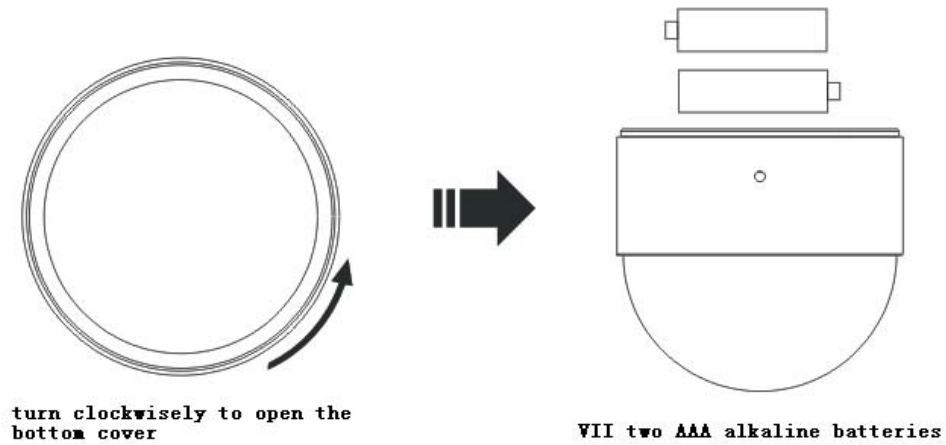
Product name: Smart IR Controller

Product description: this is one of the components of USUNG SmartHome System, and it must work with other SmartHome components. It can replace various remote controllers to control different infrared devices such as air conditioners, TVs, DVDs, etc.

Installation& Usage:

1. Put the infrared controller in upside down position, and turn its bottom cover counterclockwisely and open it;
2. Take out the VII two AAA alkaline batteriesfromthe package, and insert the batteries properly by following the positive/negative terminal marks.
3. Aligning the notch on the bottom cover to the protrusion on top cover of the Controller, drop the cover and turn it clockwisely;
4. Place directly, or use the foam tape come up with the product package to fix, the Infrared Controller to a proper position;

Illustration:



Precautions:

1. Please charge the batteries with the charger come up with the product, and please DO NOT try to charge a non-chargeable battery, as may lead to battery leakage, product damage or personal injury;
2. Please charge using the power adapter come up with the product;
3. Please do not disassemble or try to repair the product in your own will;
4. Please do not put the product under extreme conditions like high temperature or high pressure , etc.;
5. Please keep the product away from baby or child;
6. Please keep the product dry and away from humidity;
7. The product ID can be seen at the inner side of the bottom cover. You may find it when open the bottom cover by turning it counterclockwisely and you

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# Smart Home Initial Configuration and User Manual

## Software Login Configuration

- Firstly, please follow the user manual, correctly install the Smart Gateway and other smart components, and power them on. Please make backup and memo for each device during the installation in accordance with the description of the attached ID Backup Table.
- Secondly, download and install the SmartHome Suite Client Software from USUNG SmartHome System Official Website(downloading url: <http://home.iusung.com/download>), or you may use a barcode scanner tool from your mobile to check out the downloading address from the 2D barcode shown below.



Note: There are various 2D barcode scanner tools available for mobiles, such as

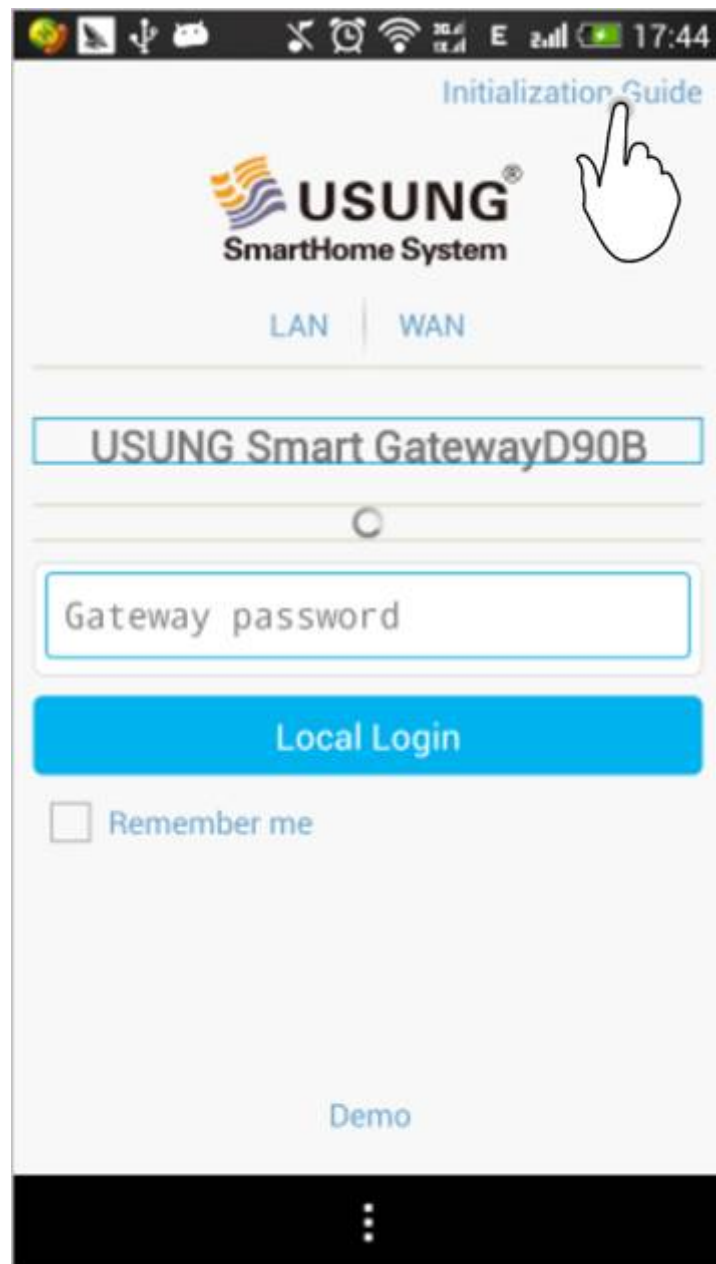
Wechat. Take Wechat for example: select Discover -> choose Scan (if not available, please enable the Scan tool in the Settings)

- Then, on your mobile, enter Settings → Wireless LAN, find the AP named like “WIMA\*\*\*\*\*”

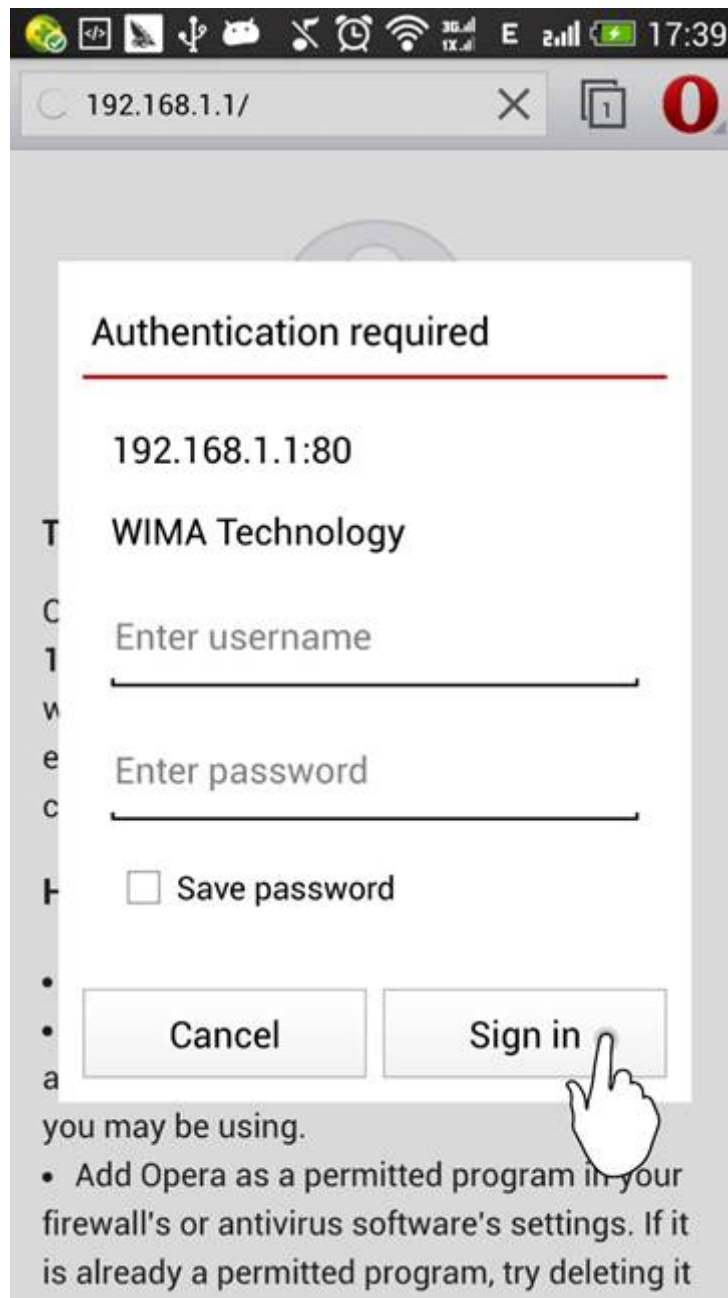


- Open the client software, from the Login interface , click on the “Initial

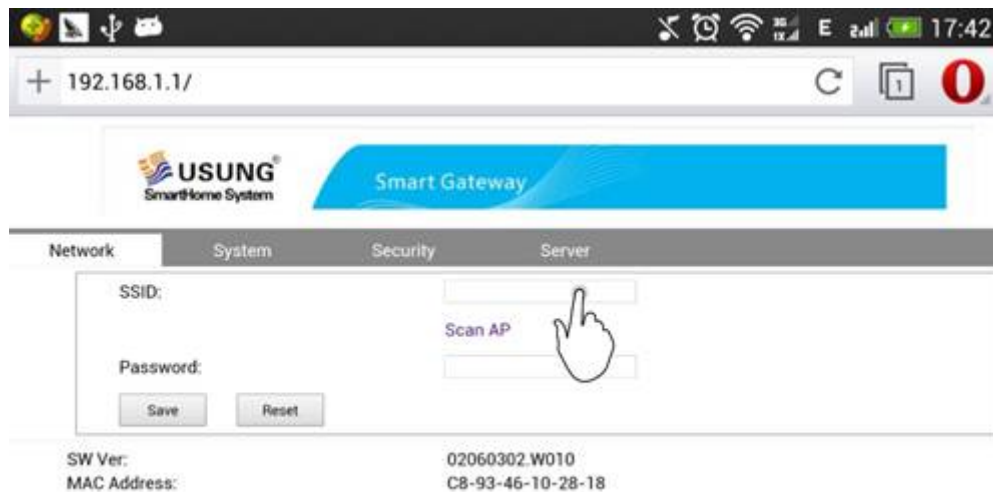
Usage Wizard” and enter the Router Configuration interface;



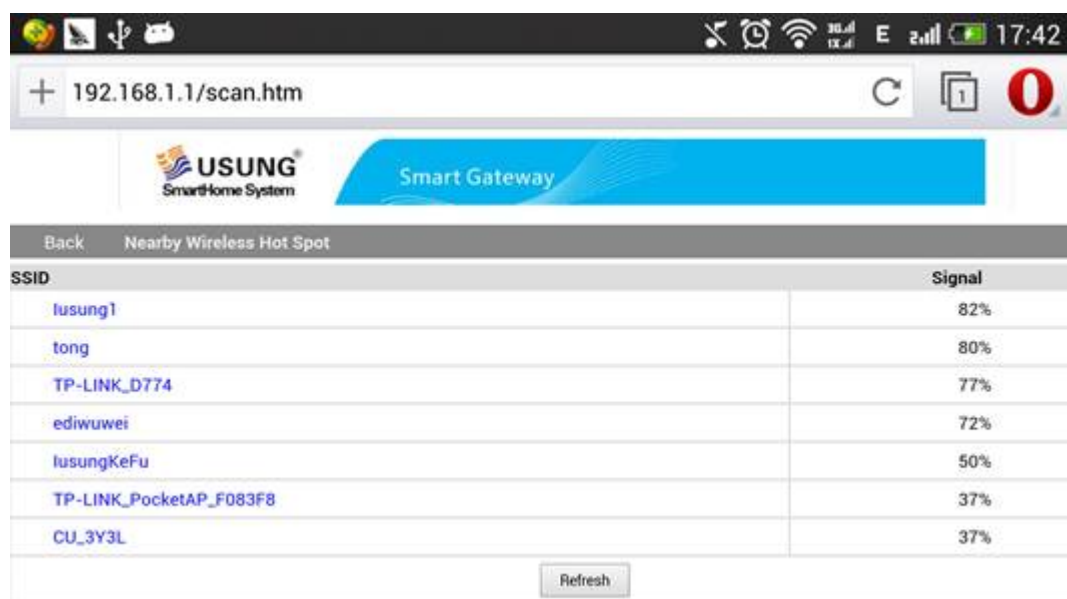
- In Router Configuration interface, click on Confirmation button, and you will be redirect to your mobile phone’ s default browser, where you can login to the Smart Gateway (with “admin” as both default username and password );



- Once logged in successfully, by following the interface requests, enter the SSID of your Home WIFI, and please write down the MAC address shown in the page that followed, which will be used in remote Controlling Settings

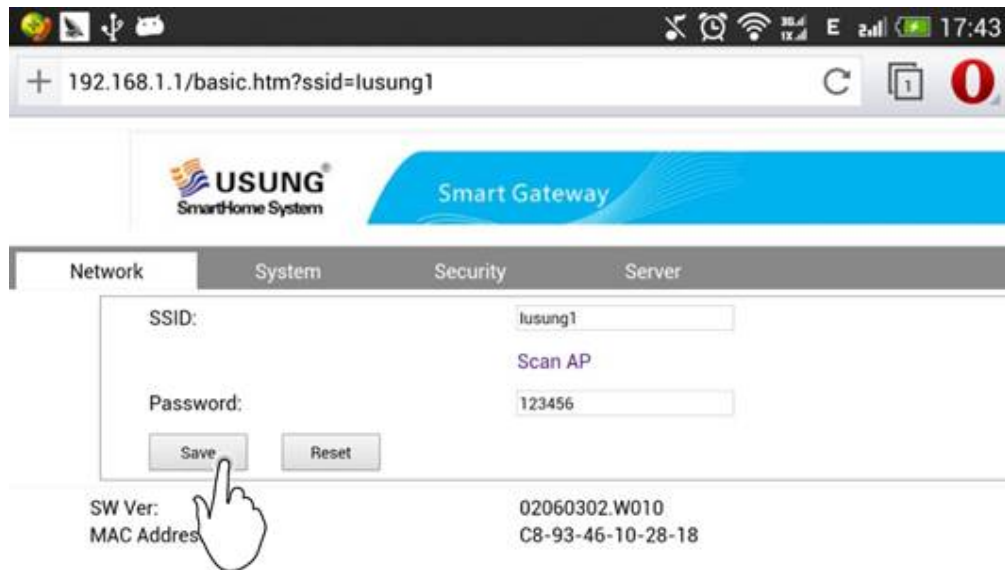


Or by auto-scanning using Scanning Hotspot function, you may choose the SSID of your Home WIFI.

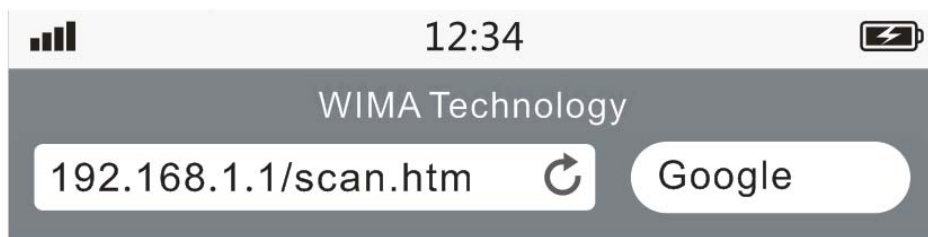


- Input the password for your home WIFI;





- Click Save button to save the settings data.
- Click Return to go back to the Router Configuration interface.



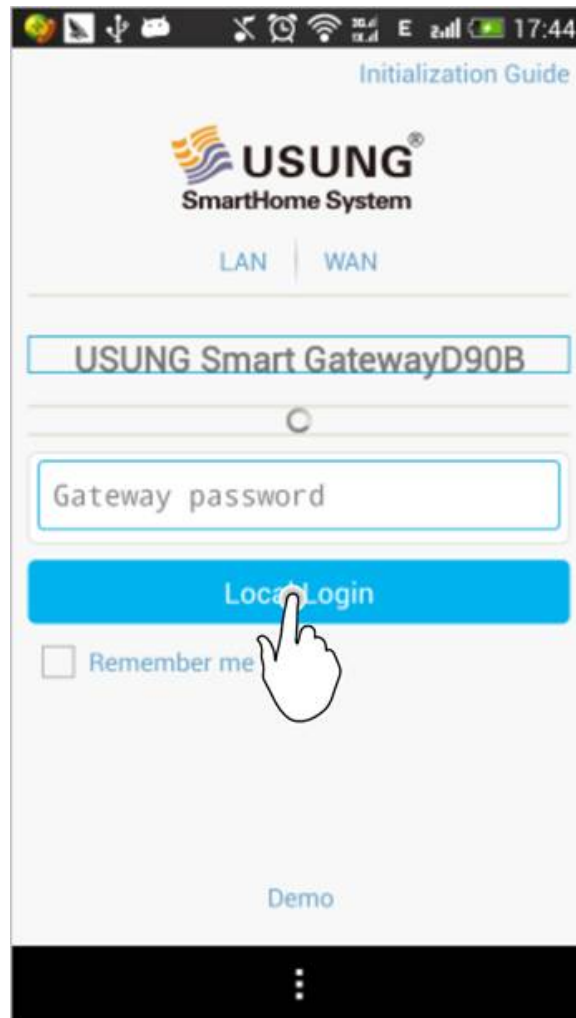
## Save Config Done Return

- and then click on Return complete the settings.
- After completion of the above configuration, the Smart Gateway should have joined your home WIFI.

Now, if your mobile has not yet connected to your home WIFI automatically, please open the Settings → Wireless LAN, and connect your mobile again to your home WIFI.



- Reopen your mobile client software and go back to the login interface;  
The client software will automatically search the Smart Gateway that joined already in your home WIFI, and display it (or them) in the login list.  
(This process will last for 10-60 seconds, be patient please. If it takes too long to find your WIFI, please press down the reset button at the back of the gateway for 6 seconds to reset the gateway and then you may start the configuration from the start again.



- After completion of the search , please choose the gateway that you want to login and input the password for the gateway (default is the initial 8 digits of the gateway' s ID ).

Login! Congratulations! You' ve finished the settings, now you can use your SmartHome System.

**Note:**

- Once completed above setting procedures, you may not change above initial settings through the gateway' s built-in WIFI network directly, unless reset the gateway.
- After completion of above setting procedures, if your other family members

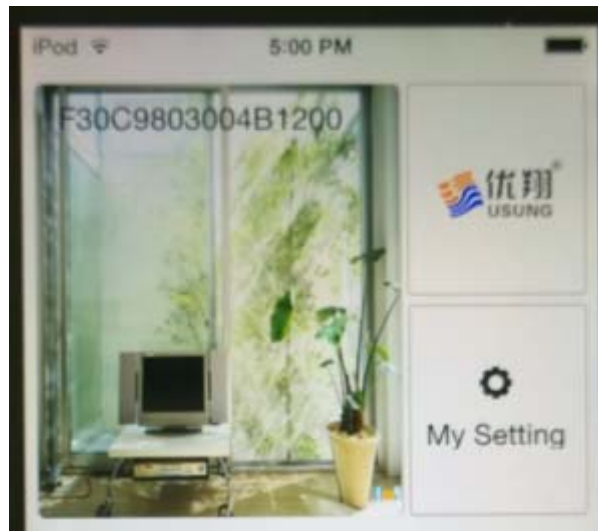
need to control the SmartHome system by using the mobile client software through the home WIFI, they are not required to repeat above configuration but only to login with gateway password.

- When using the Mobile Client Software, please keep live the connection to the wireless LAN of your home router.
- If you changed the home WIFI router, you need to reset the gateway (for guidance please refer to the product manual), and repeat the configurations described in this manual.

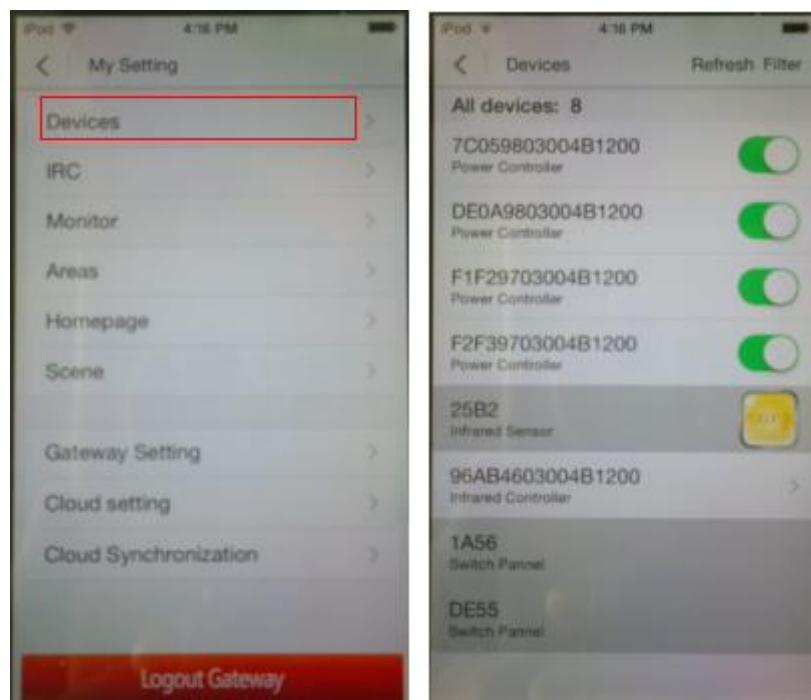
## **Using APP Software**

- **Naming and Area Definition**

- Please confirm firstly that you have correctly installed and powered on all smart components.
- Open the SmartHome APP software and login , in the main interface, click on My Settings.

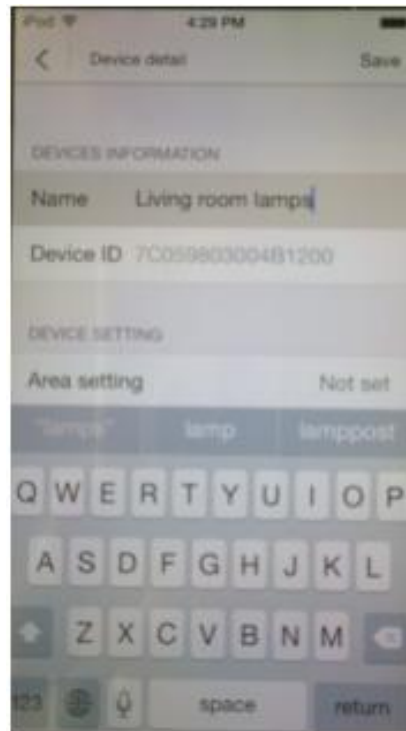


- In My Settings interface, click to open the Online Device, where you see all installed smart components.



- The default name of a newly added device is its ID. Click on any device, in the popup menu, you can rename the device and assign an area to it.(if you have marked down the information of the device such as installation location etc. by using the suite attached ID Backup Table,

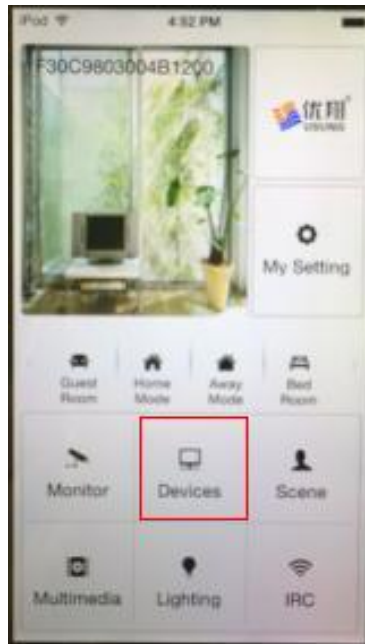
you may now take advantage of it)



- After completion of the settings, please click on Save button on the top-right corner.

## ● Using Smart Power Controller

- Before start using, please make sure you have correctly installed the Smart Power Controller strictly following the attached Product Manual.
- Then, please go back to the home interface of the software, click on Online Devices button to enter the Online Device list.

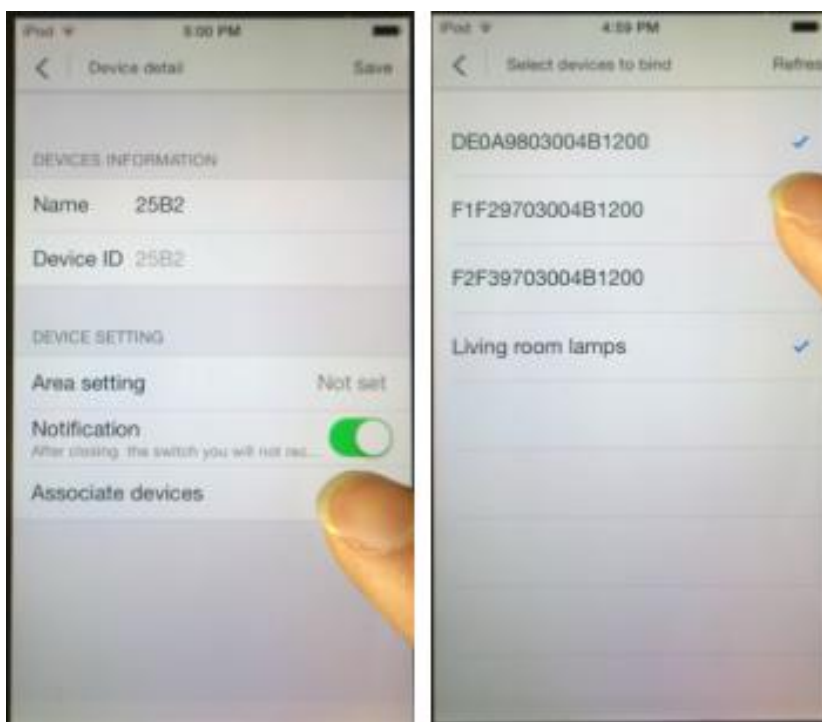


- Find any Smart Power Controller item in the list, click on the Switch button , and you may turn on/off the light or light group controlled by this controller.



## ● **Configure and use Smart Switch Panel**

- Click and enter My Settings → Online Devices to enter the list;
- Click any Smart Switch Panel in the list, and enter the Device Details interface.
- In the Device Details interface, click Associate Device to open the Select Device to Bind list ,and check the device that you want to bind with this Switch Panel;

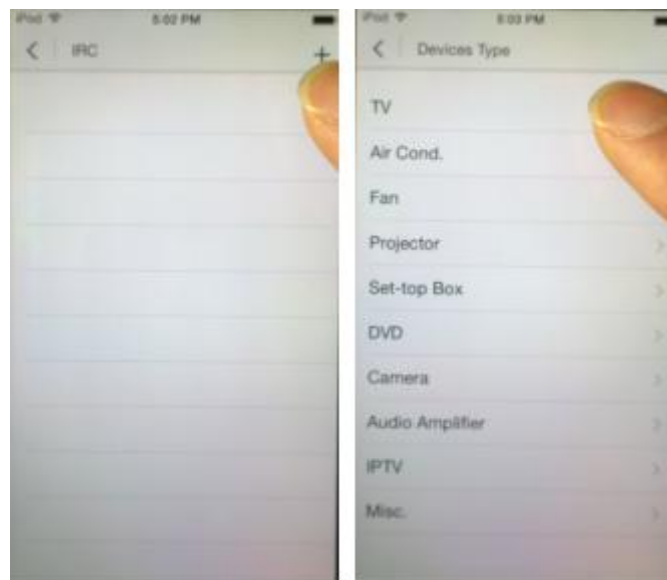


- After binding, you may use the Switch Panel to turn on/off the light or light group controlled by this Smart Power Controller.
  - ◆ Click it again to cancel the binding;
  - ◆ The Panel can be bound to multiple Smart Power Controllers simultaneously.



- **Configure and use Smart Infrared Controller**

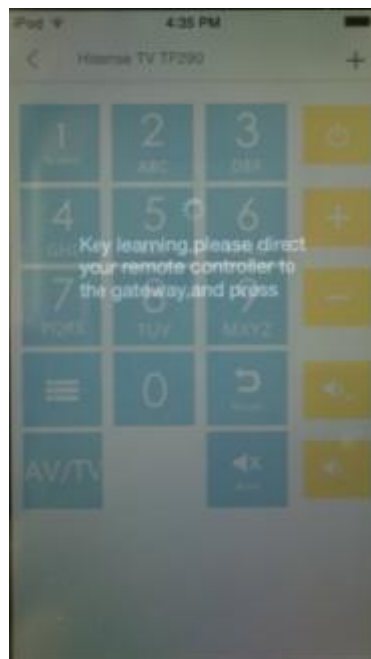
- Please install the Smart Infrared Controller to a proper position according to the product manual, so as to ensure those home appliances can receive the controlling signals from the Smart Infrared Controller(There should be no barrier between the infrared controller and the appliances );
- Click to enter My Settings → Remote Devices
- Click top-right corner “+” , and add a new simulated remote controller for the mobile client. In the Add New Simulative Remote Controller interface, enter the name for the simulative Remote Controller, and select the type for the remote controller, e.g.: TV.



- Click the Remote Controller Name in the Add New list to open the Remote Controller Learning interface. Prepare your TV remote, then you may start to carry out the learning procedure for your simulative

remote controller. Take TV simulative controller for example, the detailed steps are:

- ◆ Prepare your TV remote controller, and make sure it can work normally.
- ◆ Click any key on the simulative remote controller to enter the learning mode, when seeing prompt: On learning key, please turn your remote controller to the gateway and press down corresponding key!" , please operate according to the prompt message;



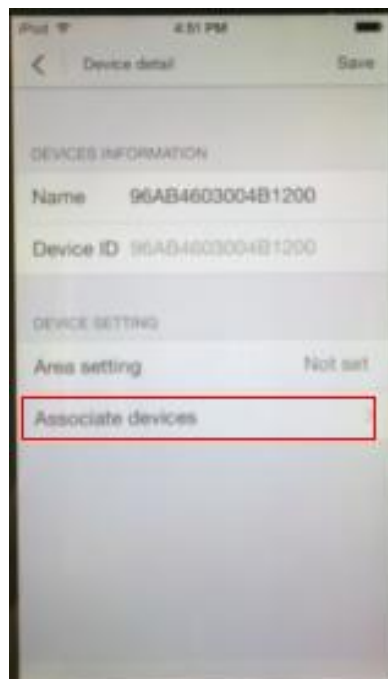
- ◆ When the key turns dark, and the prompt "learning' s done" pops up , it shows the key is successfully learnt.



- ◆ Thereafter, you may operate in turn to “learn” other necessary keys for your simulative remote controller.
- After the key-learning is done, go back to “My Settings” interface, and click to enter “Online Device” .
- Click Guest Room Infrared Controller to enter Device Details interface.



- Click on Associate Remote Controller to enter Set Remote Binding interface.

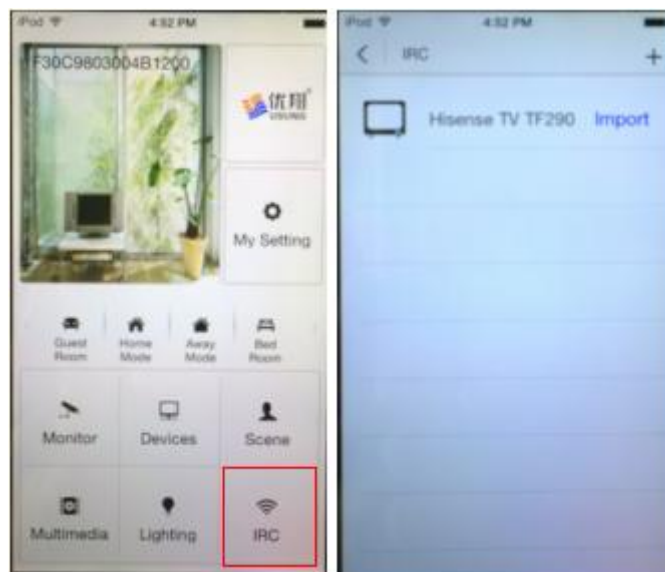


- In Bind Remote Controller list, check to bind simulative TV remote

controller that was already created, and the setting is done!



- Go back the software home, click Remote Controllable Devices key, in the remote controllable device list, click to open TV simulative remote controller. Now, you may start to use the keys of simulative remote controller to control your TV.



**FCC WARNING**

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

**FCC Radiation Exposure Statement**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body and must not be co-located or operating in conjunction with any other antenna or transmitter.