WISBOX Mini Version 1.0

Product Operating Manual

http://en.iwiscloud.com

【Warning】

Please do not attempt to dismantle this delicate product, willful manipulation might lead to electrical failure. Warranty will be void if product is found to be tampered with.

【Disclaimer】:

There might be discrepancies with this manual and the product as the product is constantly being improved upon. For the latest manual please go to en.iwiscloud.com to download the latest product manual.

Wiscloud is grateful for your choice to purchase our Wiscloud WisBox Mini Smarthome controller. For your safety and maximizing our product capabilities, we would highly encourage you to study this operation manual in details. Please safe keep this operation manual for future references.

1. Product Introduction

This product had been designed and manufactured in accordance to strict International safety standards and achieved CE and 3C certifications.

联网指示灯：A. Device status light indicator　　复位孔：C. Factory reset button

电源插头：B. Power plug　　网线接口：D. Ethernet port

A. Device status light indicator:

LED	Wisbox Mini status
Red light (stable)	Wisbox Mini is awaiting user to configure settings
Red light (flashing)	Wisbox Mini is attempting to connect back Wiscloud backend platform. If this situation persists for more than 5 minutes, please verify user configuration has been inputted correctly
Blue light (stable)	Wisbox Mini has established connectivity to backend Wiscloud control center. Remote connectivity is established.
Blue light (flashing)	Wisbox Mini is transmitting/receiving instructions from backend Wiscloud control center.
No LED light	Wisbox Mini is in error state. Please factory reset the Wisbox Mini by applying continued pressure to the reset button (see picture above) while powered on.

	Wisbox Mini is successfully reset after a “beep” sound is being heard. If Wisbox Mini remains in this status after numerous factory reset, please contact local agent for product support.

B. Power plug: Pull down the power pins and insert the Wisbox Mini into the power socket.

C. Factory reset button: This function must be activated while device is powered on. User must long-press the reset button till a long-beep sound is heard which indicate reset function is successfully executed. Activation of this button will restore Wisbox’s default factory configuration and all existing configuration will be erased.

D. Ethernet port: This 10/100 ethernet port has dual usage. First, it must be used to access the Wisbox Mini configuration webpage. Next, it can be configured to connect to the Internet via LAN instead of WiFi. See section 3 for details.

2. Product Specifications

Product Name	WISBOX Mini
Dimension	80mm*70mm*30mm
Colour	Black
Operating Temperature	-20℃-50℃
Power Voltage	AC 110V-220V
Network port	Ethernet 10/100
Wireless communication	315MHz，433MHz，2.4GHz，Infra-red，WiFi(2.4Ghz)

3. Setup Instructions

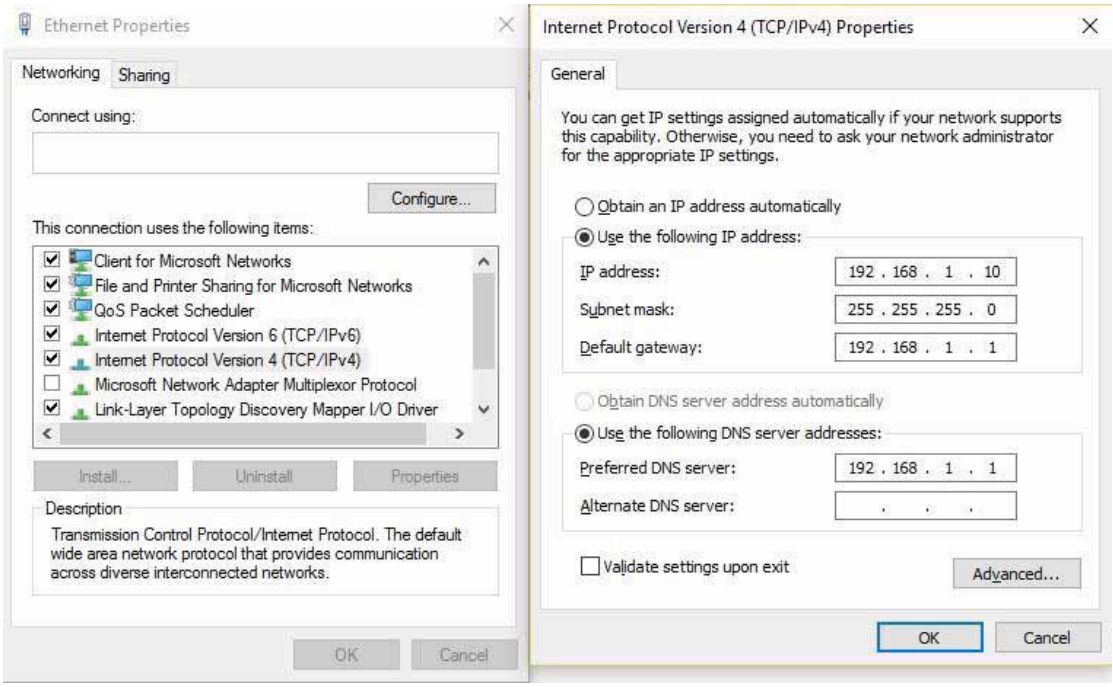
The following paragraph describes the steps on how the Wisbox Mini is being setup. Users whom chose to connect Wisbox Mini to home router using Wifi can skip chapter 3.1 Backend Portal instructions and implement chapter 3.2 Wifi portal setup directly. By default, all Wisbox Mini are using Wifi connectivity unless otherwise changed.

3.1. Configuring Wisbox Mini Backend portal

Step 1: Connect up the Wisbox Mini with your computing device (laptop or desktop) Ethernet port using straight CAT 5 LAN cable. Power up Wisbox Mini with the LAN cable attached to the computing device.

网线：CAT5 LAN cable　　电源：Power source

Step 2: Configure your computing device Ethernet port with the following parameters. Verify Wisbox Mini (default IP: 192.168.1.2) is connected by performing a network ping test on command line.



Step 3: Use Internet Browser (preferably Internet Explorer) and surf to "192.168.1.2". You should be greeted with the following screenshot. The login credentials: default username is "**admin**" and default password is "**admin**"

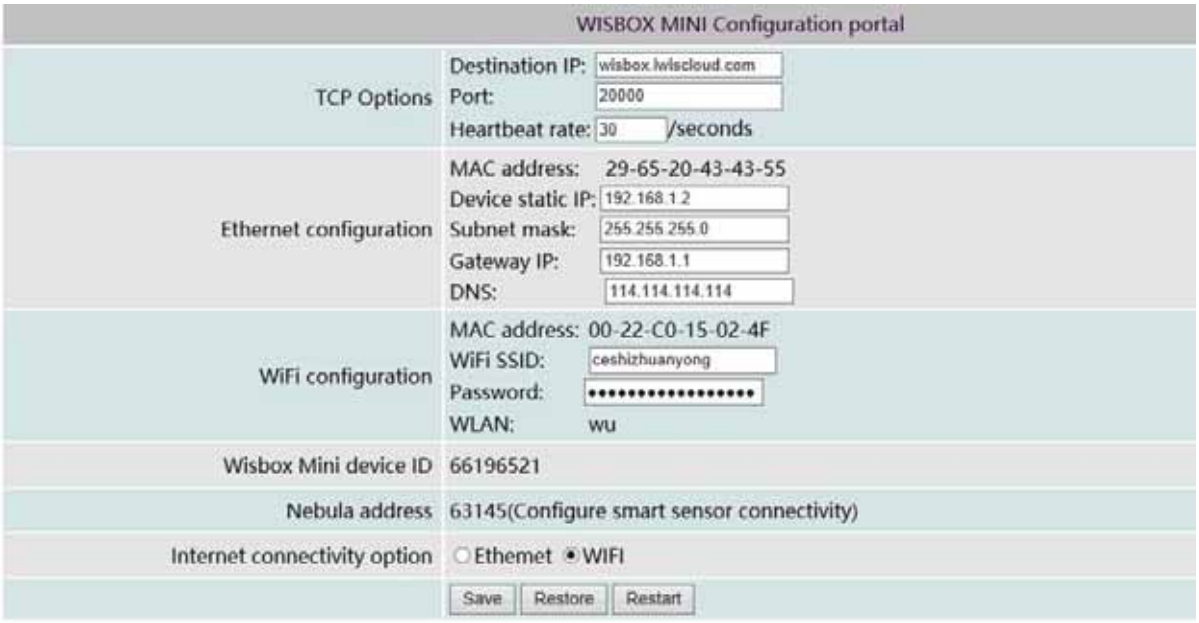
后台设置：Configuration portal

用户名：Account

密码：Password

Caution: If the login portal fails to load, cut the Wisbox Mini's power source for 15s and reboot the device.

Step 4: Wisbox Mini backend portal options



TCP 链接：TCP Options

连接 IP: Destination IP

连口端口号：Port

心跳包(秒)：Heartbeat rate (seconds)

设置以太网：Ethernet configuration

MAC 地址：MAC address

本机 IP: Device static IP

网络编号：Subnet mask

网关地址：Gateway IP

设置 WiFi: WiFi configuration

MAC 地址：MAC address

登陆账号：WiFi SSID

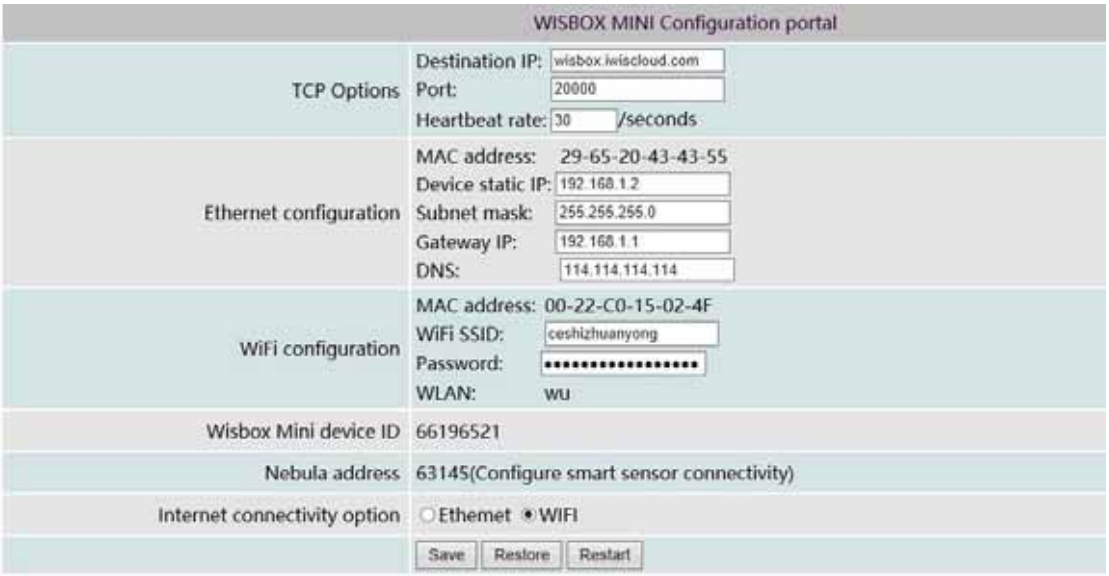
密码：Password

设备 ID: Wisbox Mini device ID

星云网路地址：Nebula address

切换 TCP 链接方式：Internet connectivity option (Ethernet, WiFi)

保存，恢复，重启：Save, Restore, Restart



i. Destination IP refers to the default Wiscloud backend cloud service providing customers' remote connectivity options. Non-editable.

ii. For Wisbox Mini to be operational, it must be Internet connected. You can connect to the Internet either using the Ethernet LAN or WiFi configuration.

iii. Wisbox Mini Device ID： This is the serial number for your Wisbox Mini device. It is required for online registration to access Wiscloud remote center.

iv. Nebula address: This is the Wiscloud proprietary network address, used for communicating with our Nebula protocol devices.

v. Internet connectivity option: To select connect to Internet either using Ethernet connection or existing WiFi setup.

vi. Save, Restore and Restart option. All changes made to the options must be saved . In case last known values are not displayed, user can press the restore button to retrieve last known values. When changes are made and save, Wisbox mini require to be restarted for changes to take effect.

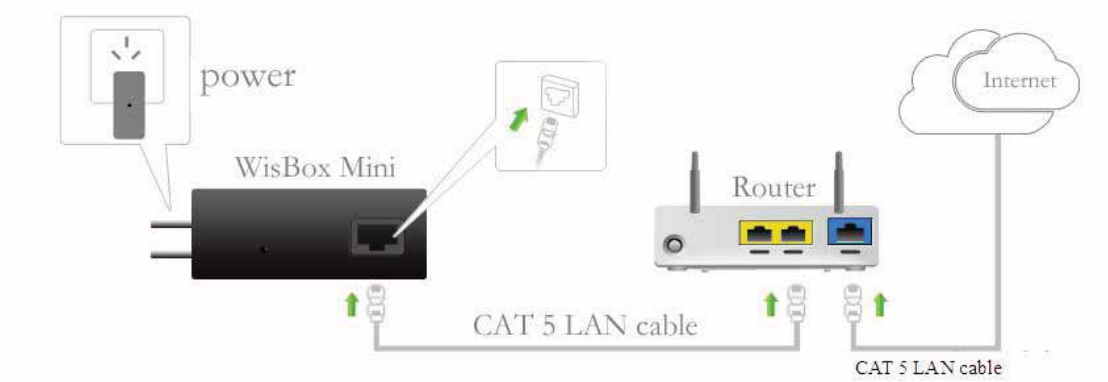
Step 5: Connecting Wisbox Mini to Internet / Wiscloud cloud service

A. Using Ethernet to connect

*This section assumes user having basic TCP/IP network background knowledge

1) Under the Internet connectivity option, you must select the “Ethernet” option
2) Under the Ethernet configuration, you would need to provide valid static IP inputs for Wisbox Mini to successfully connect to your home router.
3) The “Device static IP” refers to fixed IP address that you had assigned to Wisbox Mini. This fixed IP address should not be used by existing network connected device. By factory default, this fixed IP value is 192.168.1.2. The 3rd octet must be in the similar value for your home LAN network. Typical LAN network would be in either in 192.168.0.x or 192.168.1.x. *Note that if this IP value is changed, future accessibility to this backend portal will be changed as well.
4) The ‘subnet mask”, “gateway IP” and “DNS” should be configured according to your home router settings
5) Press “Save” option to save all changed settings and Wisbox Mini required to be restarted.
6) Disconnect Wisbox Mini with the computing device and connect Wisbox Mini to your home router as displayed in the diagram below.

   *Note: It is recommended to connect up the LAN wire between Wisbox Mini and home router before powering up Wisbox Mini.

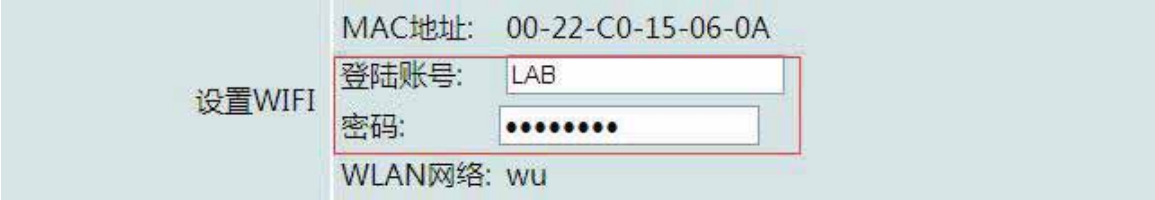


7) Device light indicator will turn blue if the network connectivity to Wiscloud cloud

service is achieved. Otherwise, please redo the steps above.

B. Using WiFi to connect

1) Under the Internet connectivity option, you must select the “WiFi” option
2) Under the WiFi configuration, you would need to provide home router wireless SSID and password for Wisbox Mini to connect to.

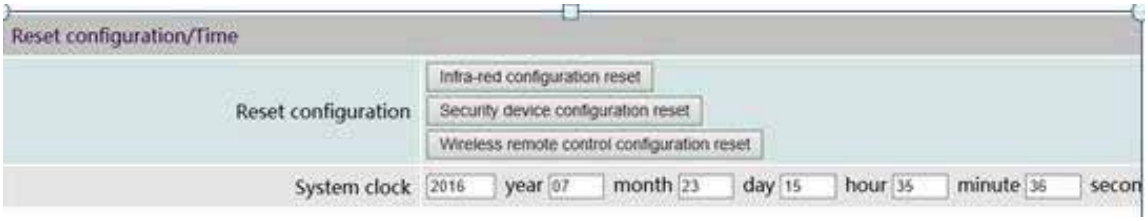


3) Press “Save” option to save all changed settings and Wisbox Mini required to be restarted.
4) Device light indicator will turn blue if the network connectivity to Wiscloud cloud service is achieved. Otherwise, please redo the steps above.

Step 6: Configuring Smart home settings

A. Configure system clock

With reference to the diagram below, you can configure the system date as required.



擦除学习: Reset configuration

擦除学习： Reset paired configuration

红外擦除： Infra-red configuration reset

安防擦除： Security device configuration reset

设备擦除： Wireless remote control configuration reset

设定当前时间：System clock

B. Reset paired configuration

Reset paired configuration: This option erase away all existing configuration made and all device pairing must be re-established. There are sub-options to erase only the Infra-red pairing; Paired security device and/or Paired wireless remote controllers.

C. Home Security/Environment settings

With reference to below diagram, Wisbox Mini is capable of sending SMS notification (Internet SMS) based on detected events. It can send up to 3 different mobile numbers. The checkbox must be ticked for the SMS settings to be activated.

Wisbox Mini can also be paired with iWiscloud smart sensors to obtain and alert desired environment parameters. Wisbox Mini will also send out alert SMS notification when the lower or upper threshold limit are breached.

安防/环境设置：Security/Environment event notification settings

安防报警设置：Security event notification

手机号：Mobile phone number

短信：SMS

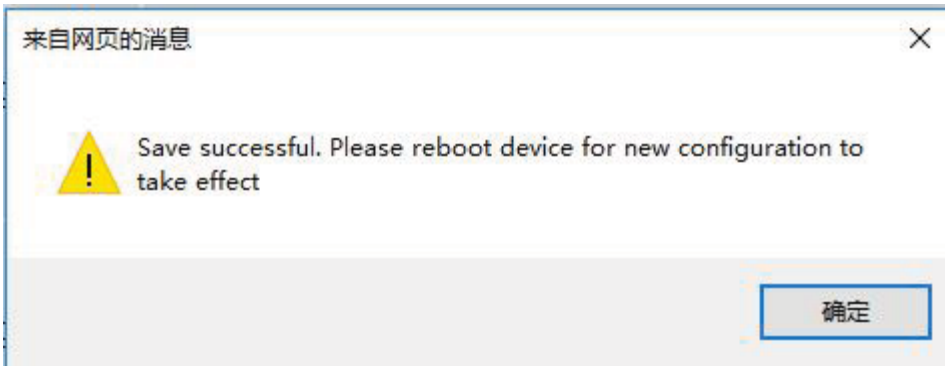
安防(撤防/设防)：Security status (Deactivated/Activated)

环境短信提醒设置：Environment event notification

Step 7: Saving Backend portal configuration

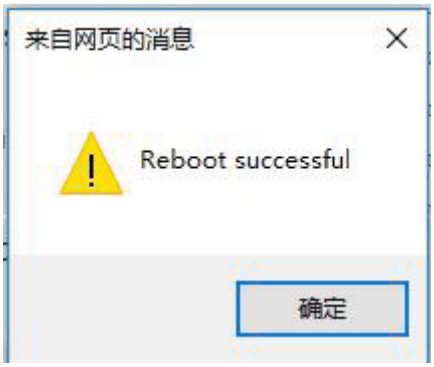
保存，恢复，重启：Save, Restore, Restart

Click on the “Save” to save the current settings. User should see the below status message after save successful



保存成功，设备重启后执行新设置： Save successful, please Restart for configuration to take effect

Click on the “Restart” to restart the Wisbox Mini for the saved configuration to take effect. User should see the below status message after successful execution



重启成功：Wisbox Mini restarted

Click on the “Restore” to restore Wisbox Mini last operating configuration.

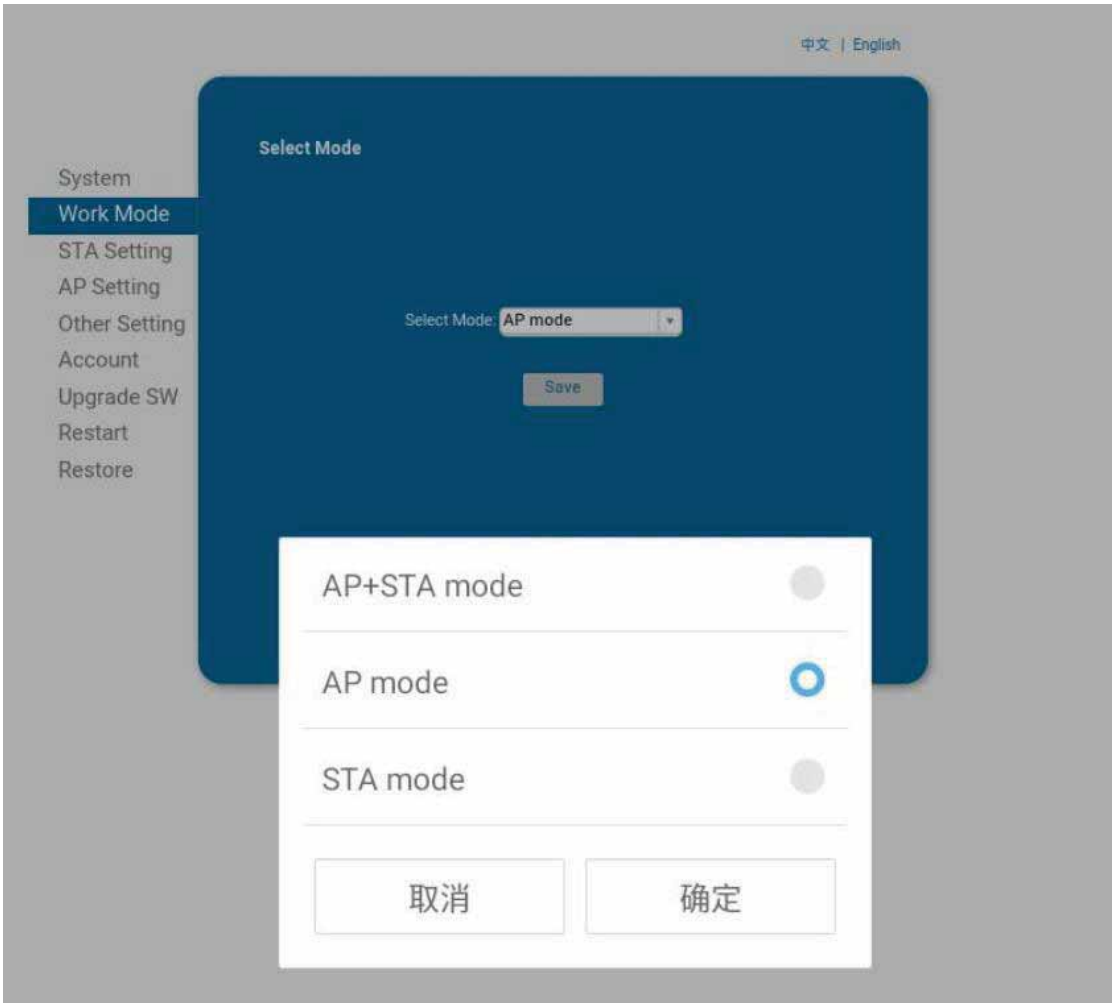
3.2. Configuring WiFi configuration portal

Step 1: Accessing the WiFi configuration portal

A. Power up the Wisbox Mini and access the WiFi configuration portal using a computer terminal or smartphone to search for WiFi hotspot “WISBOX”. The default WiFi WPA2 connectivity password is:123admin.
B. Once connected, use web browser and surf to http://10.10.100.254. Alternatively, scan the QR code (using your mobile phone) below.

C. Login to the WiFi configuration portal using credential user = admin & password = admin. After successful login, it would display the following system main page that display the WiFi configuration information.

3.2.1. Work Mode



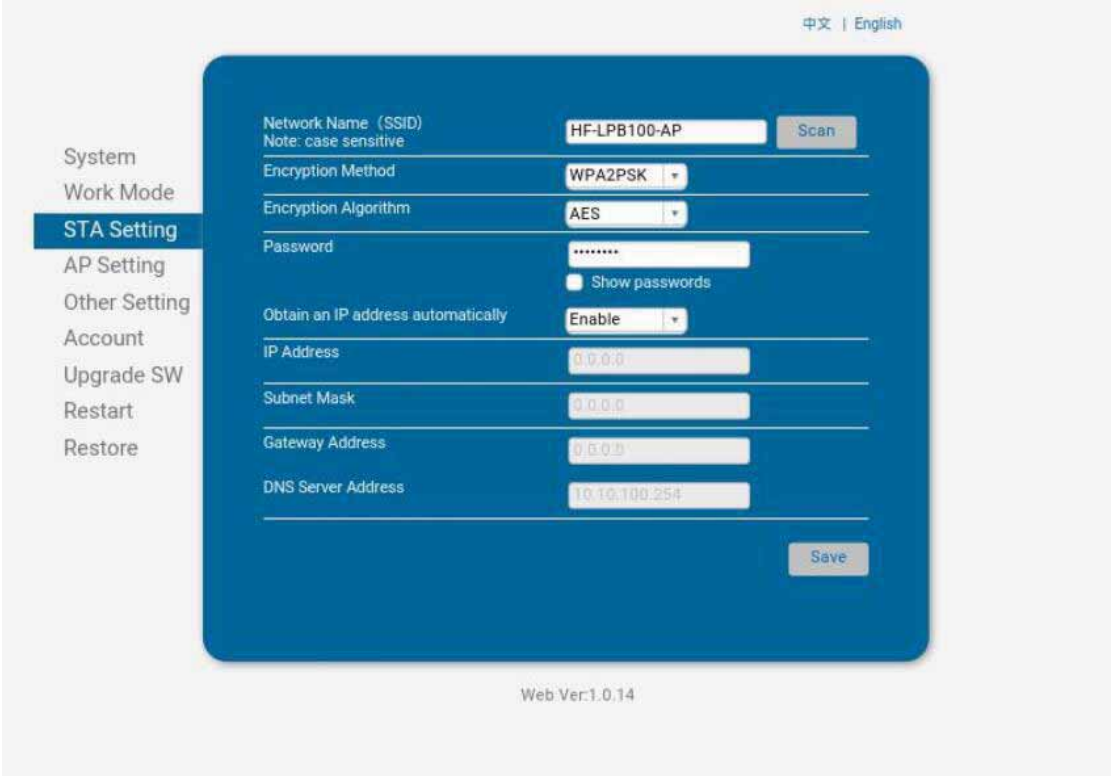
By default it should be in “AP+STA” mode, if not please select this mode and save accordingly.

AP : Access Point

STA : Station

3.2.2. STA setting

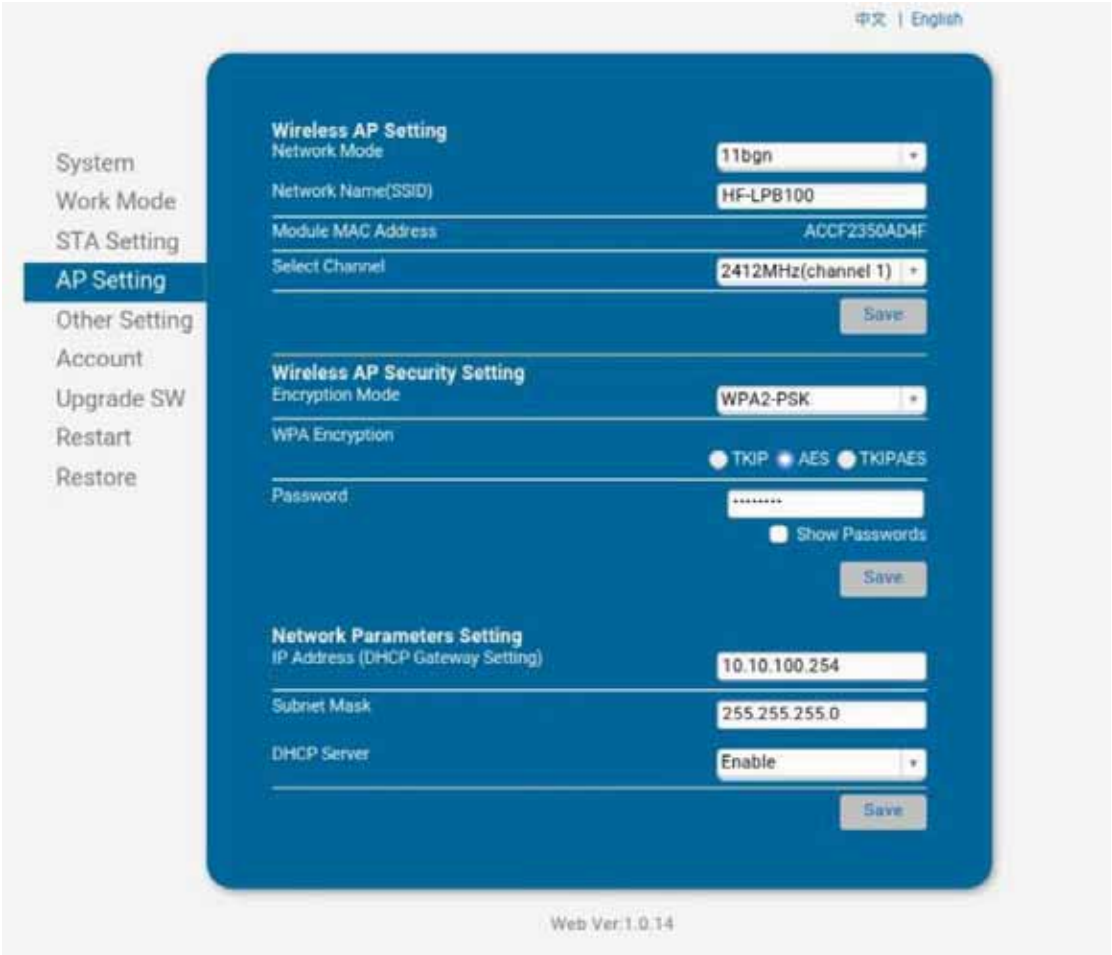
This section of the configuration setup the Internet connectivity between Wisbox Mini and user's home/office broadband WiFi router.



i. User can click the scan button to automatically search for your WiFi router name or manually input the details
ii. Select router WiFi encryption method and encryption algorithm
iii. Enter router WiFi password
iv. Enable DHCP automatic IP addressing. Otherwise, please key in user defined TCP/IP configuration details.
v. Click "Save" to save settings.

3.2.3. AP Setting

This section of the configuration setup the AP settings for user's terminal (e.g. computer, mobile phone) to connect to Wisbox Mini.

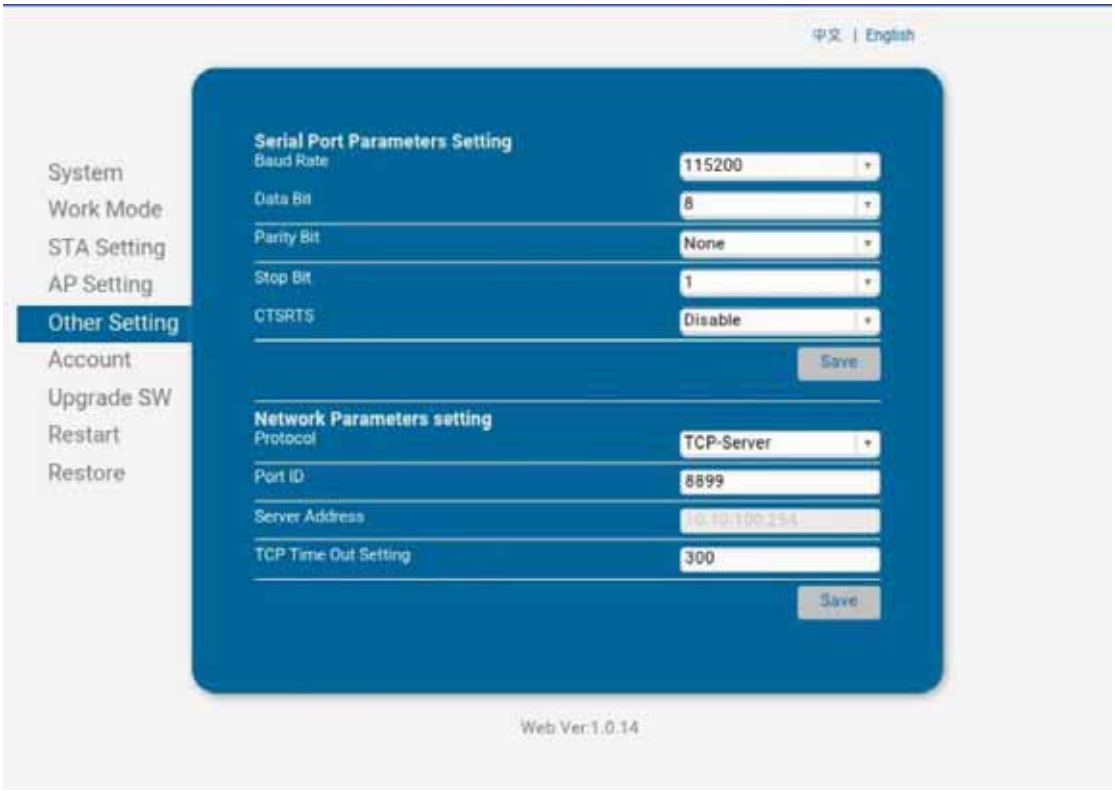


i. Configure details of Wisbox Mini access point;
   1. Network mode
   2. Network name
   3. Channel
   4. Encryption mode
   5. Network Parameters Setting

ii. For Encryption mode, select WPA2-PSK and configure accordingly to your requirements
   1. WPA Encryption
   2. Password

iii. Click Save.

3.2.4. Other Settings



i. Serial port Parameters settings

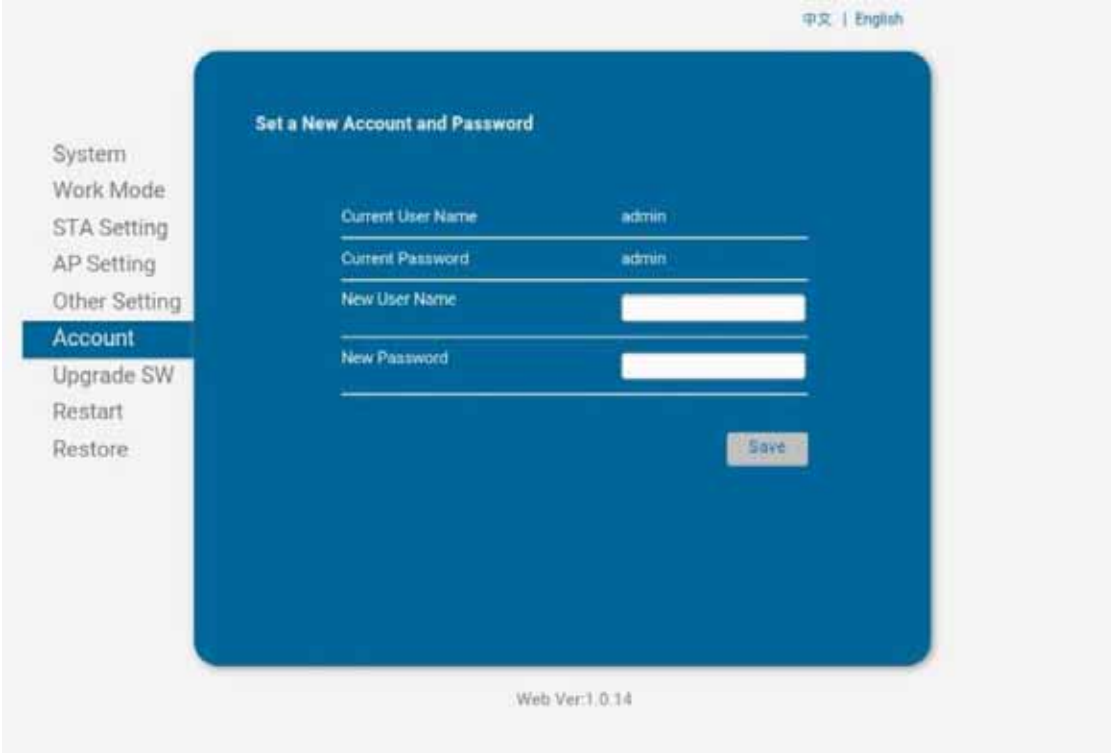
The parameters under the serial port settings should be preset. These parameters are Baud Rate, data bit, parity bit, stop bit, CTSRTS

ii. Network parameters settings

The parameters under the network parameters settings should be preset. These parameters are protocol, Port ID, Server Address, TCP time out setting

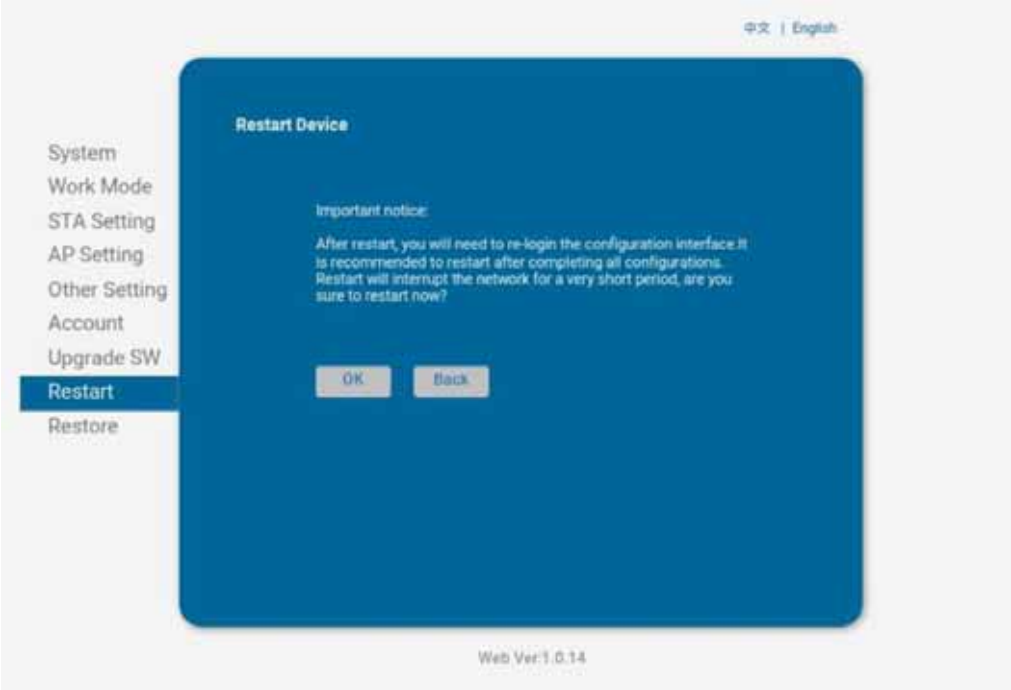
iii. Save the settings

3.2.5. Account



User can change the admin username and password at this page. It is recommended to change once you have logged into this system

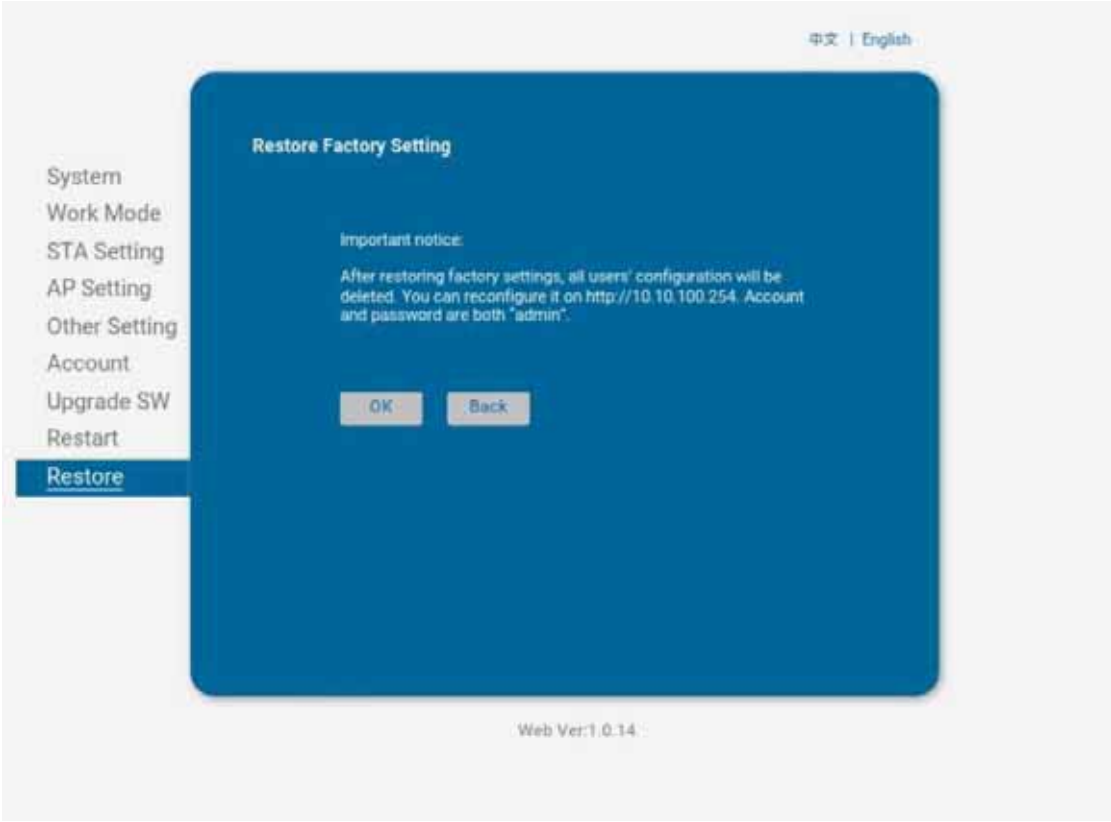
3.2.6. Restart



After making changes to the settings on the Wisbox Mini, please restart the Wisbox Mini. The Wisbox Mini connection light should turn to blue when connection is successful.

Note: Please restart the Wisbox Mini every time you make changes to the settings. Please re-power on the Wisbox Mini if the device is not connected to the home/office Internet router after restarting it.

3.2.7. Factory Restore



Note: There can be only one active session to the configuration portal

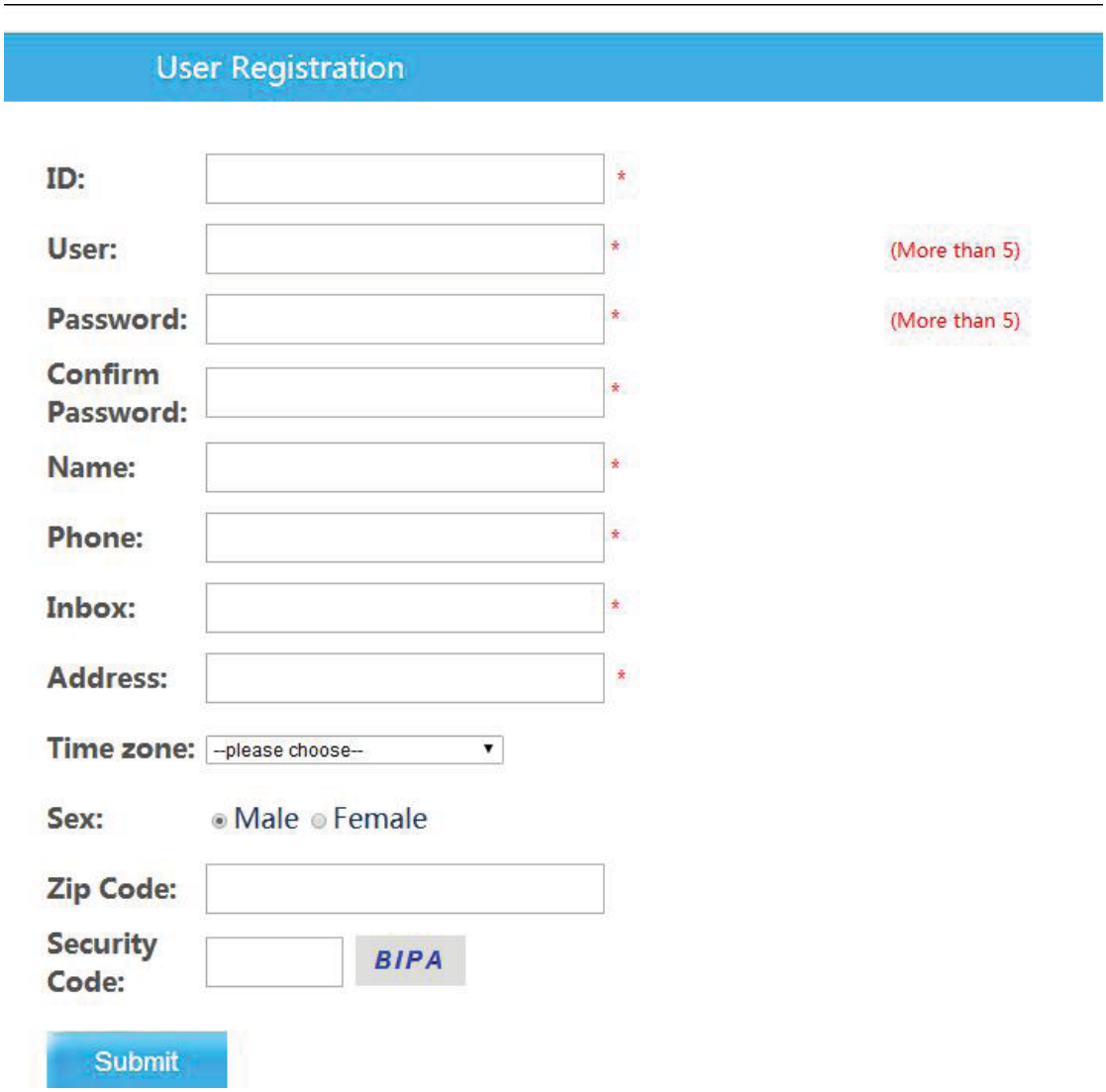
Reminder: The current WiFi connection Wisbox Mini “Wisbox” that user is connected to does not have Internet access. Please remember to switch back to existing WiFi connectivity.

Section 2: Guide to Wiscloud Online Cloud Services

Step 1. User registration

Use Internet Browser (preferably Internet Explorer), surf to website http://wisbox.iwiscloud.com/zhuce.php to register your Wisbox Mini device with Wiscloud Cloud services. Fill in the form as below. Upon successful registration, a confirmation email will be sent to your mailbox.

Note: You can obtain the Wisbox Mini Device ID from the device backend portal.



Step 2. User login

Upon successful user registration, you can now login to Wiscloud Cloud service via portal http://wisbox.iwiscloud.com/login.php?action=enloginform (see diagram below).

Step 2.1 Forgot Password

By clicking on the "Forgot password" link, you be directed to page for you to input your username and registered mobile number to reset your login password.

Step 3. Login & Backend Login

We have designed our cloud control portal in 2 parts: "Login" (normal) and "Backend Login". The former allow users to perform daily device operation and smart device pairing controls while the latter allows user to perform administrative controls over sub-user accounts, user information updates and smart profile controls. You can then select which portal to access to using the primary account login.

Backend Login functionality at a glance

Function family	Sub-category	Purpose
Room Info	List of Rooms	Present a list of user's house area and its customisation options. Default rooms: Lounge, Master bedroom, Kitchen, Toilet and Guest bedroom
	Add new room	To define a new customised room profile
Smart Profile	Smart profile listing	Present a list of user's smart profile and its customisation options. Default profiles: Home, Away, Sleep, Dawn
Smart sensor	Environment control	Present a list of iWiscloud paired smart sensor with Wisbox Mini. The options available allows user to define reactive action when the environment limits are breached. Note: Only paired iWiscloud smart sensors will appear. Pairing for smart sensor is performed in the Login (normal) portal.

Room Info – Detailed screenshots

The screenshot below shows the list of default room profiles available. User can perform room name changing, remove room profile or edit the list of paired devices in each room,

1 房间列表显示 5 个默认房间，可对房间进行编辑、删除、对房间设备列表进行操作；

可添加房间；

The screenshot below allows adding a new room profile. Click save to confirm the inclusion.

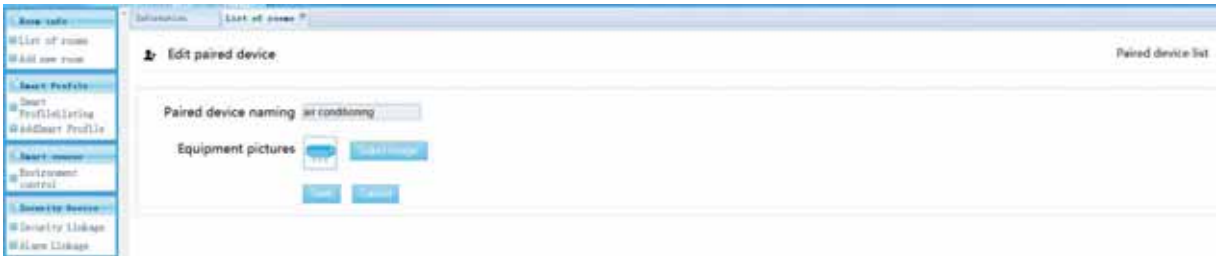
2 添加房间，点击左侧添加房间，输入房间名，点击保存；

The screenshot below shows the list of default paired device under the room “Lounge”. User can make changes to each paired device using the “Edit”, “Delay activation setup” and “Delete” function.

3 点击进入房间设备列表界面，每个房间都有默认设备，可对设备进行编辑、延时设置以及删除操作，

The screenshot below shows the “Edit” function which allow user to edit the paired device name and customise the icon picture.

4 点击编辑，可修改设备名字以及设备图片。

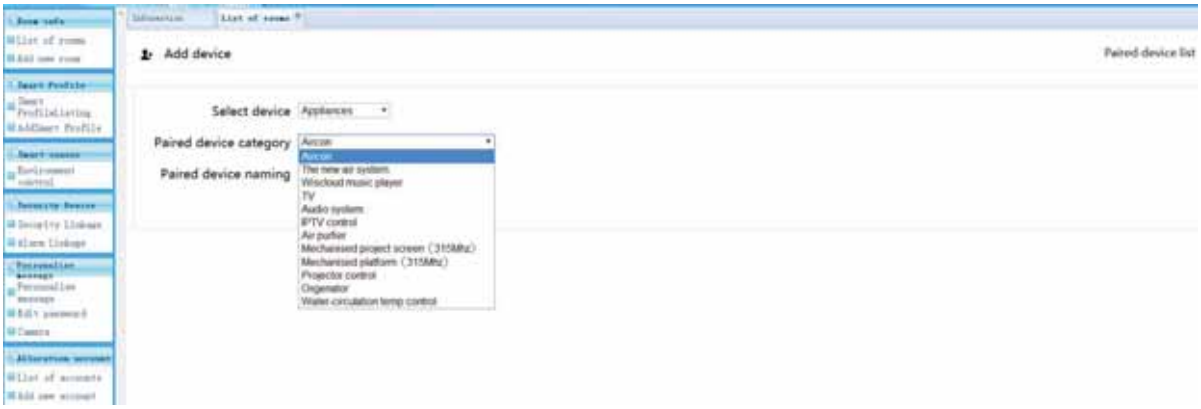


The screenshot below shows the “Delay activation setup” function, used to actively delay consecutive user commands to segregate from last sent command. This is more commonly set in consecutive combination controls such as switching on the air-con and follow-up with temperature adjustment or switching on TV and follow-up with TV channel selection.

5 延时设置，红外电器根据开/关执行时间来设置（电视的关机延时一般设置成 6000 毫秒），其他设备根据情景模式以及报警联动的设备的开/关执行时间进行设置（一般情况下无需设置）

With reference to below screenshot, by clicking the “Add device” link under each room profile, user can select new devices for pairing. The device option is summarized in the table below. The devices “added” must be “paired” for remote control connectivity and status feedback.

6 点击房间列表，点击“房间列表”-“房间设备列表”-“添加设备”，选择设备分类（如果设备分类中无需要设备，可添加其他相对应的 315M、433M、星云协议、红外信号等分类），填写设备名字，点击保存；



Section3： Getting Started

Application (android) Download

- To download Wisbox Mini App go to http://wisbox.iwiscloud.com/app/update/smarthome3.apk or scan the following

QR code.

App icon

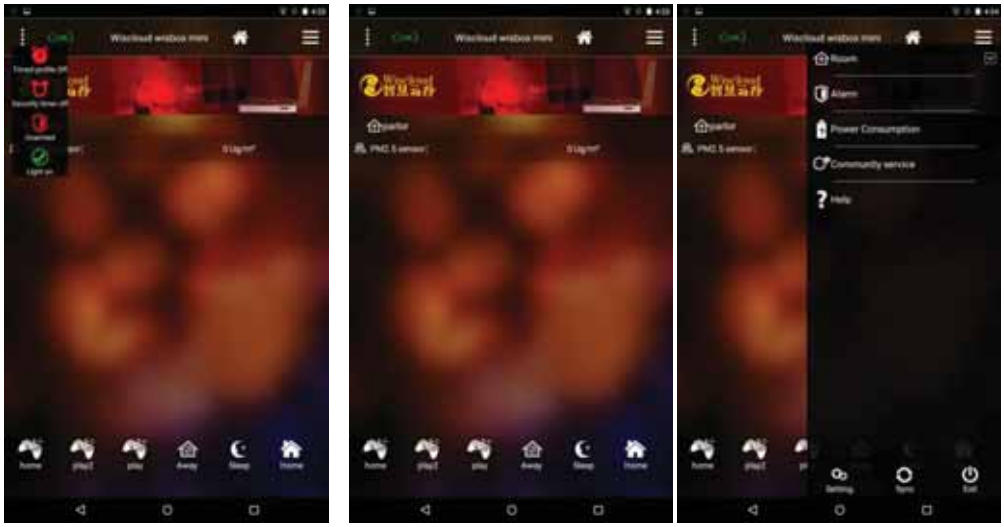
- Input username and password details in the respective fields

APP GUI Guide

Function	Icon	Purpose
Timed Smart Profile		Whether smart profile is on timed mode
Timed security		Whether timed security is armed or not
Connection status		Whether the Wisbox is online
Security status		Armed state
“Home page” title		User defined homepage title
Home page link		Return to main page
Rooms		List of rooms registered. By default …
Security		Shows all the security devices paired
Power consumption		Power consumption measured in watts
Services		For future expansion on individualise customer experience
Timer		
Setting		Controls page
Sync		Synchronise changes with server
Log off		
Sensor data		Data collected from sensors
Common used smart profiles		Shortcuts for Smart Profiles

1. Master timed control
   - Timed profile
     i. Turned off by default
   - Security timer
     i. Turned off by default
2. Connection status
   - Green indicates successful connection
   - Red indicates no connection

   Note: You must set up and control the network state
3. State of security mode;
   Green is on, Red is off
4. Home page
5. Whether the screen lit and normally closed
6. Rooms: Rooms as well as a list of equipment in each room;
   Security: displays all security equipment;
   Power consumption: Display power consumption;
   Services: Purchase online features to be realized (add-on options)
7. Settings, sync and exit
8. Individual sensors data
9. Smart Profiles
10. Current time and weather conditions, updated through the internet



Settings

1. **Device Paired**
2. **Smart Profile**
3. **Alarm**
4. **Timer**
5. **Environmental Control**
6. **Remote control paring**
7. **Others**

Device pairing

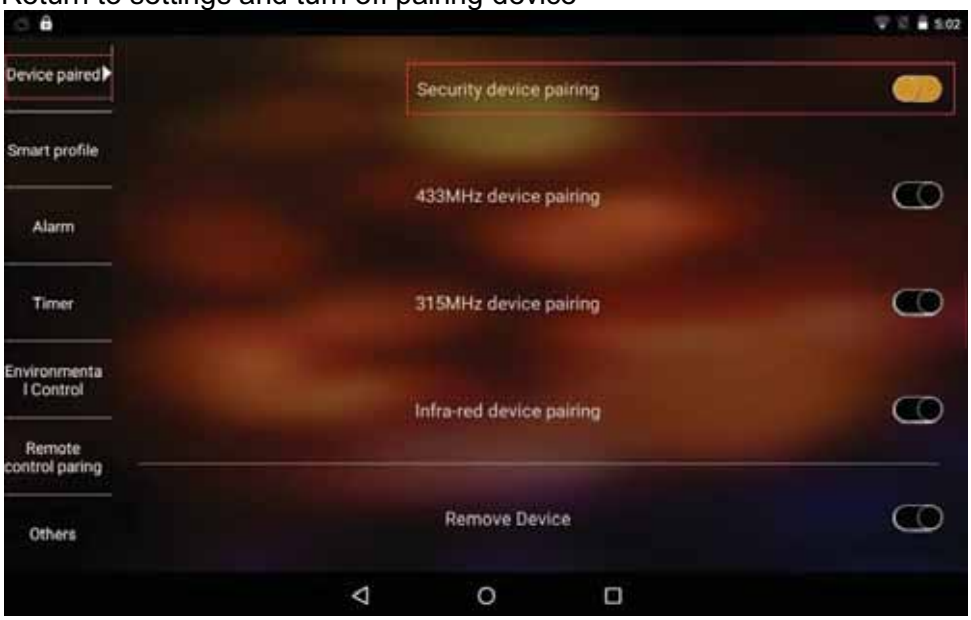
In order to fully utilize Wisbox Mini, you have to pair your devices to the Wisbox Mini successfully. The following steps are how to properly pair your devices to the Wisbox Mini.

There are a few frequencies that can be paired with the Wisbox Mini;

- Security device paring
- 433MHz
- 315MHz
- Infra-red
- Nebula light switch
- Nebula sensors

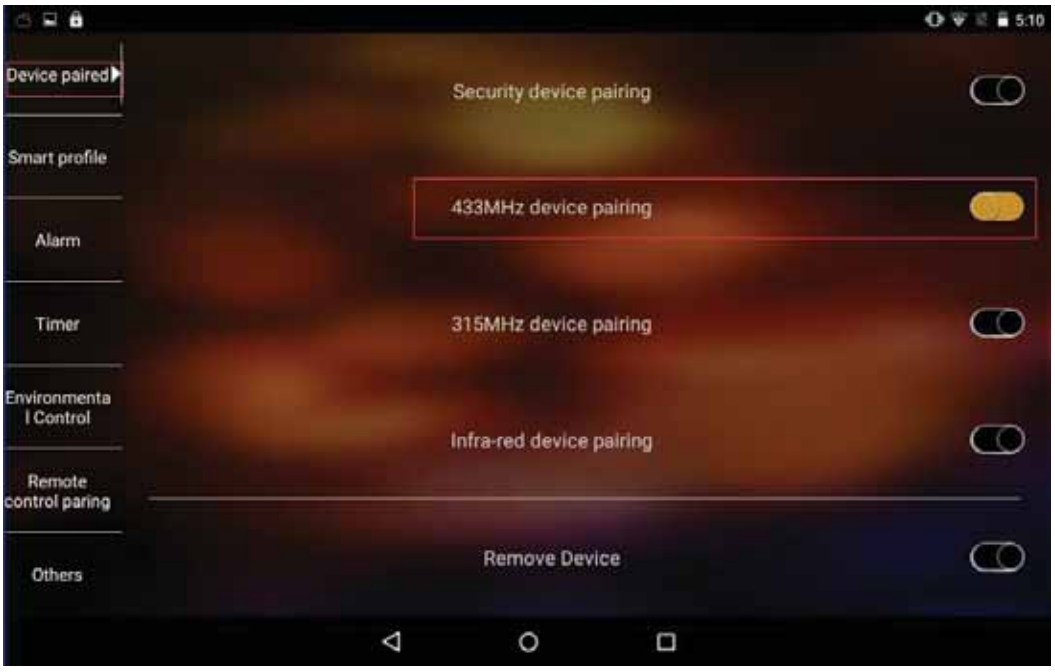
Security paring

1) Select dropdown bar on the top right
2) Tap on settings icon
3) Select Device paired tab on the right
4) Turn on Security device paring
5) Return to home page
6) Select dropdown bar on the top right
7) Select the “Room "button to find the security device
8) Select the security device to start “Paring”. WisBox Mini will produce a beeping sound. Note: (WisBox will beep 10 times in the event of a failure. Repeat the “Paring” steps).
9) Select the device that is to be paired
10) Paring will take place, in the event that pairing fails, a beep will occur 10 seconds later.
11) Paring is complete
12) Return to settings and turn off pairing device



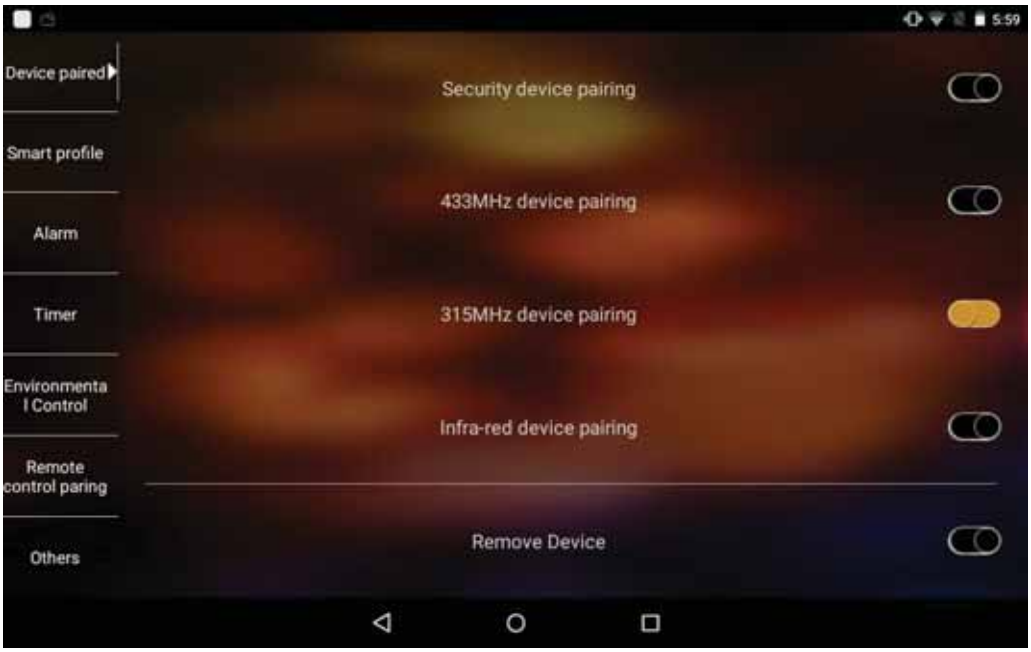
433 MHz Paring

1) Select dropdown bar on the top right
2) Tap on settings icon
3) Select Device paired tab on the right
4) Turn on 433MHz device paring
5) Return to home page
6) Select dropdown bar on the top right
7) Select the “Room "button to find the device
8) Select the device to start “Paring”. WisBox Mini will produce a beeping sound. Note: (WisBox will beep 10 times in the event of a failure. Repeat the “Paring” steps).
9) Select the device that is to be paired
10) Paring will take place, in the event that pairing fails, a beep will occur 10 seconds later.
11) Paring is complete
12) Return to settings and turn off pairing device



315MHz Paring

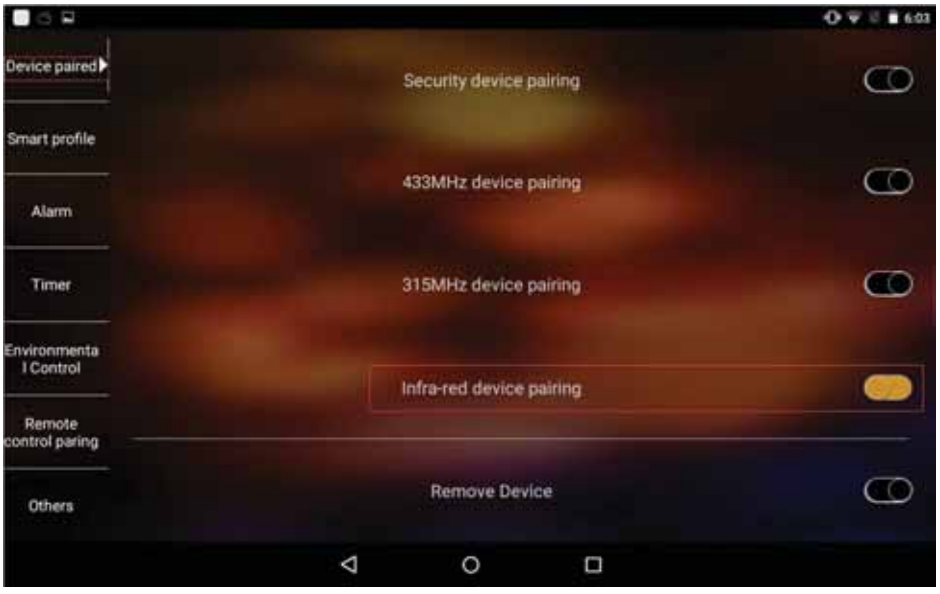
1) Select dropdown bar on the top right
2) Tap on settings icon
3) Select Device paired tab on the right
4) Turn on 315MHz device paring
5) Return to home page
6) Select dropdown bar on the top right
7) Select the “Room "button to find the device
8) Select the device to start “Paring”. WisBox Mini will produce a beeping sound. Note: (WisBox will beep 10 times in the event of a failure. Repeat the “Paring” steps).
9) Select the device that is to be paired
10) Paring will take place, in the event that pairing fails, a beep will occur 10 seconds later.
11) Paring is complete
12) Return to settings and turn off pairing device



Infra-red Pairing

1) Make sure infra-red receiver paired first
2) Select dropdown bar on the top right
3) Tap on settings icon
4) Select Device paired tab on the right
5) Turn on Infra-red device paring
6) Return to home page
7) Select dropdown bar on the top right
8) Select the “Room "button to find the device
9) Select the device to start “Paring”. WisBox Mini will produce a beeping sound. Note: (WisBox will beep 10 times in the event of a failure. Repeat the “Paring” steps).
10) Select the device that is to be paired
11) Paring will take place, in the event that pairing fails, a beep will occur 10 seconds later.
12) Paring is complete
13) Return to settings and turn off pairing device

Note: To save energy in Infra-red parings refer to the Infra-red instructions located at (xxx)



Nebula Light switch

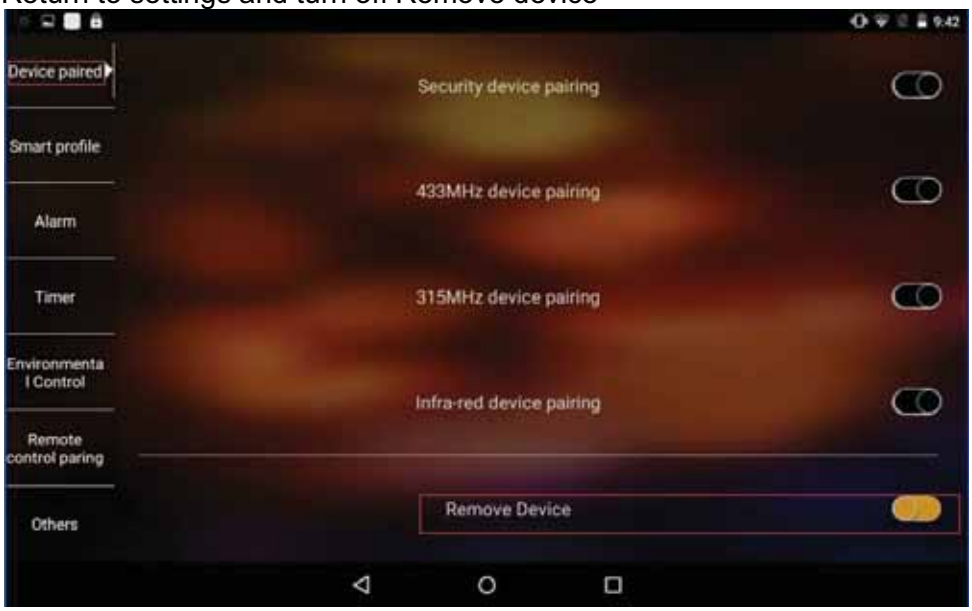
Refer to Light switch manual

Nebula Sensors

Refer to Nebula sensor manual

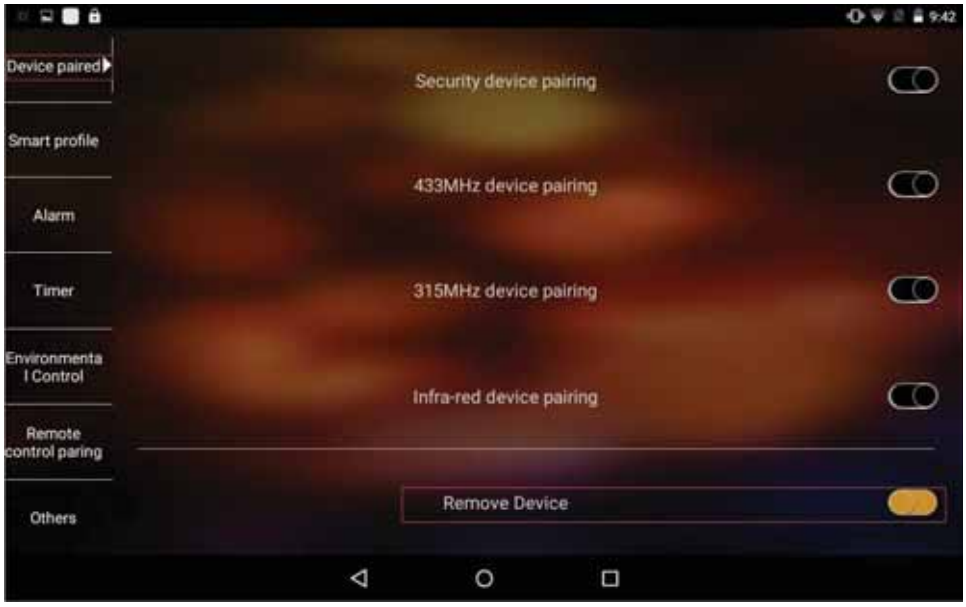
Remove Device

1) Select dropdown bar on the top right
2) Tap on settings icon
3) Select Device paired tab on the right
4) Turn on Remove device
5) Return to home page
6) Select dropdown bar on the top right
7) Select the “Room "button to find the device
8) Select the device to remove.
9) Removal of device is complete
10) Return to settings and turn off Remove device



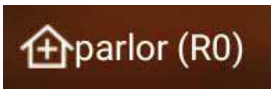

Timed profile On
Security timer off
Wiscloud wisbox mini
Unarmed
Light on
parlor (R0)
Room
Time
9:58 AM
Wed , June 22 , 2016
Alarm
Power Consumption
Remove device operation
Confirm
Cancel
Community service
Weather(莱西)
20℃~33℃ Cloudy
Thunder shower 20℃~29℃
Overcast 17℃~28℃
Help
bracket light
Add Device
home
play2
play
Away
Sleep
Hom
Setting
Sync
Exit


Timed profile On
Security timer off
Wiscloud wisbox mini
Unarmed
Light on
parlor (R0)
Room
Time
9:59 AM
Wed , June 22 , 2016
Alarm
Power Consumption
Remove device operation
The device inSmart profile: Dawn Linkage,can not be deleted.
Community service
Weather(莱西)
20℃~33℃ Cloudy
Thunder shower 20℃~29℃
Overcast 17℃~28℃
Help
bracket light
Add Device
home
play2
play
Away
Sleep
Hom
Setting
Sync
Exit

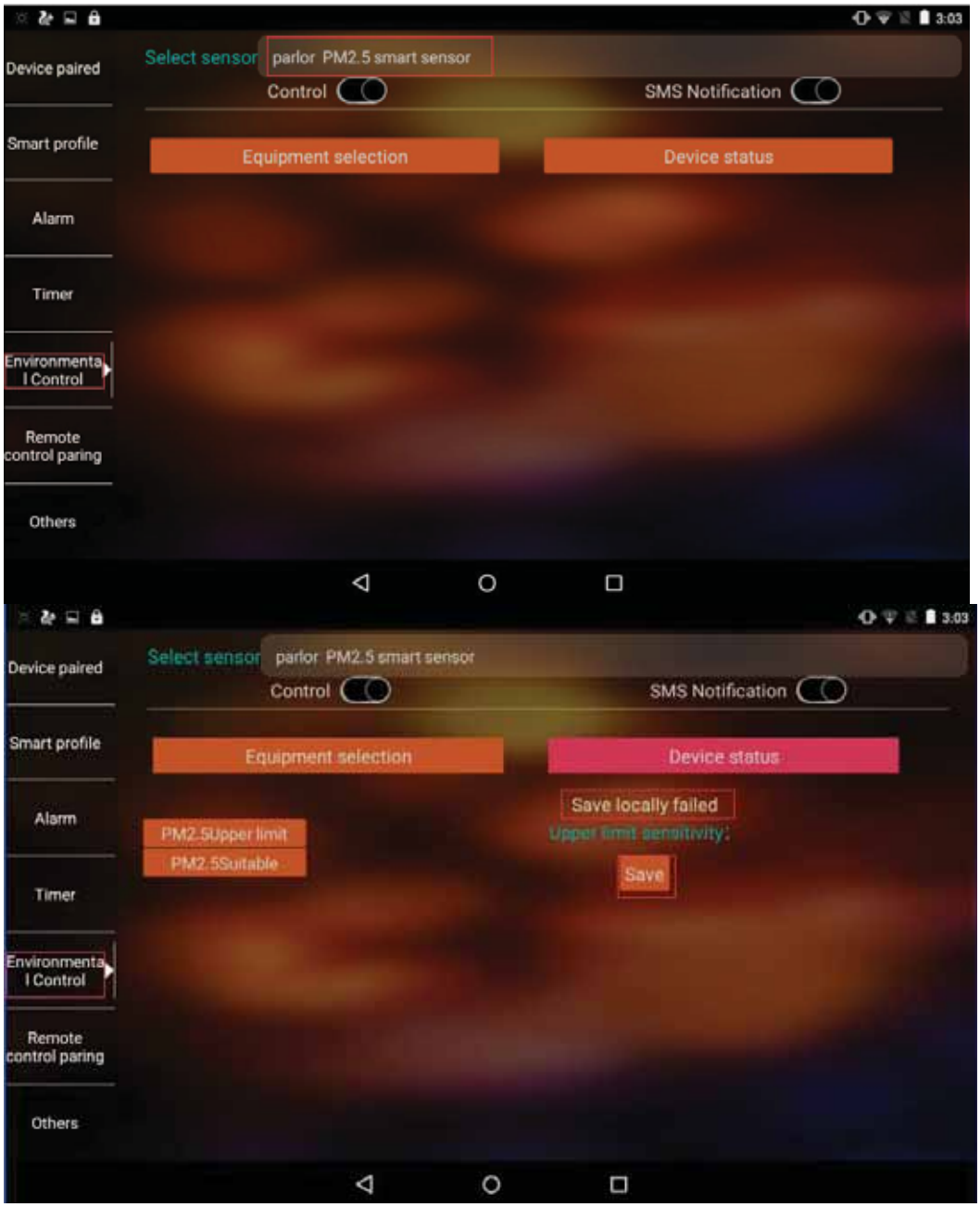

Device paired
Security device pairing
Smart profile
433MHz device pairing
Alarm
Timer
315MHz device pairing
Environmenta l Control
Infra-red device pairing
Remote control paring
Others
Remove Device

Environmental Control

Alongside basic devices like switches, the Wisbox Mini is also able to gather data from sensor type devices. By collecting this data from the sensors, it is able to make smart decision as to when to turn certain devices on or off.

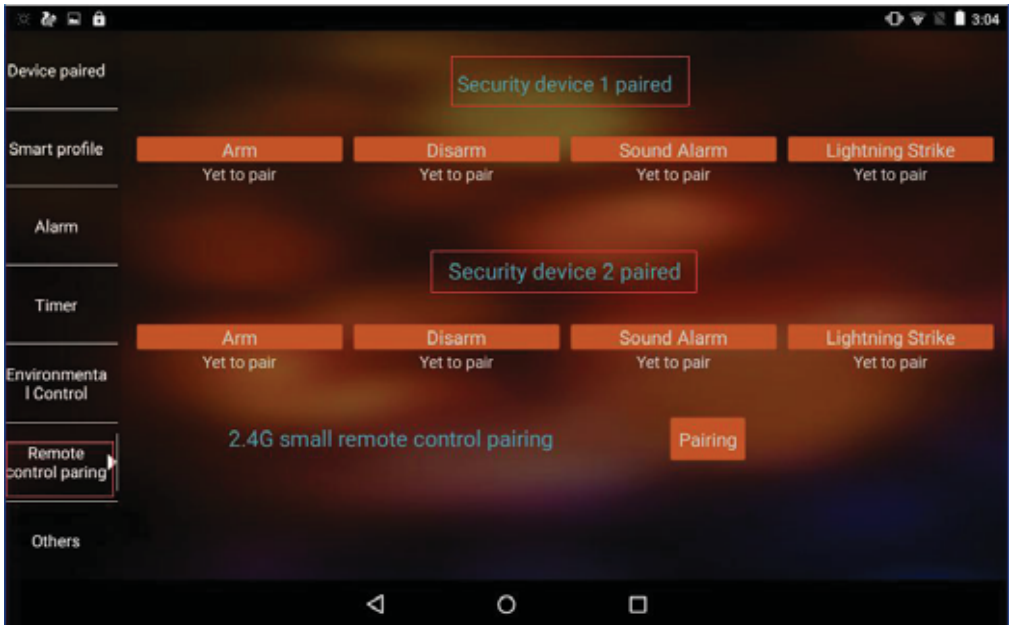
1) First, connect the smart sensors and the Wisbox mini. 

To connect, enter in the corresponding identification (ID) addresses with respect to the smart sensor and the room. Once this is set up, there will be a message prompt stating that the connection is successful
2) Go to the settings tab, and select “Environmental control” Choose the settings accordingly to your suited needs and save afterwards. After which select “device status” and save.

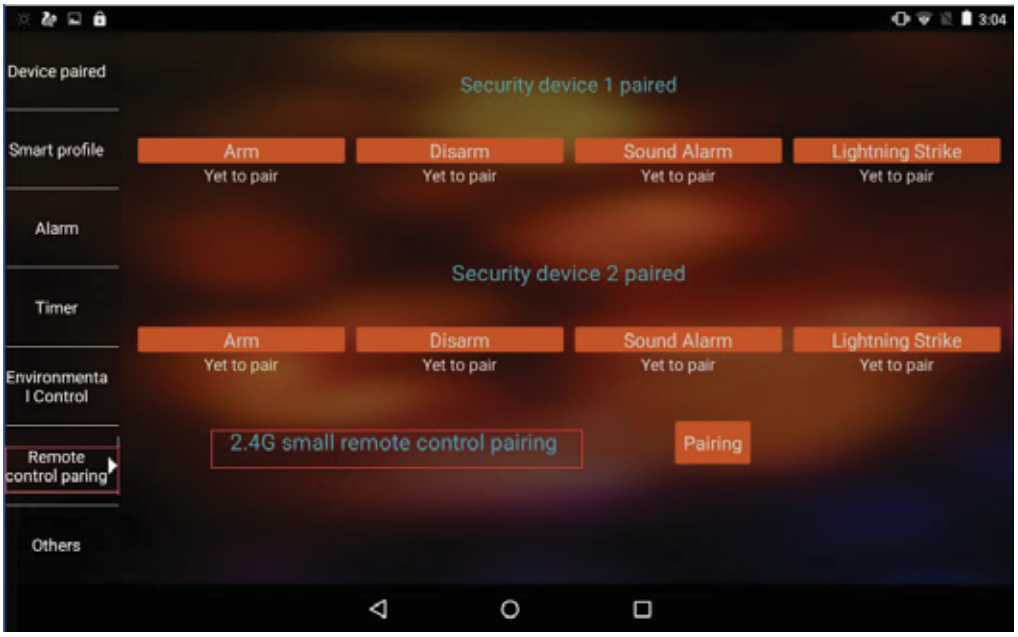


Remote Control Paring

1. Select settings then choose “remote control paring” on the left tab.
2. Then select “Security remote control” This will bring you to the control settings where you can find the paring option.
3. Turn on the remote control to then tap on the paring button to start the pairing process

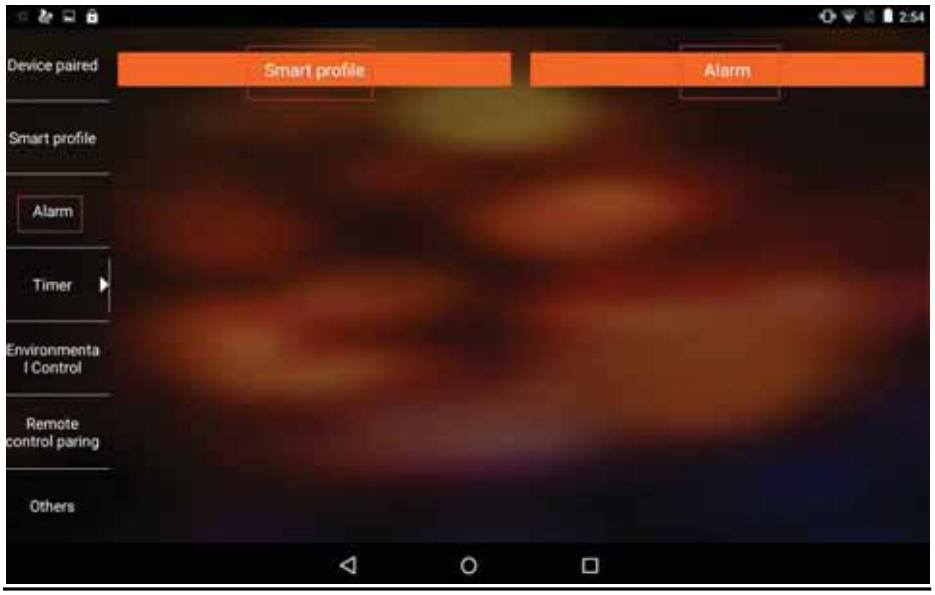


4. There will be a “beep” sound if the paring is successful (In the event of a failure, the system will beep repeatedly for 10 seconds)
   2.4g small remote control with four local default profiles. (I don’t know what Is this)



Timer

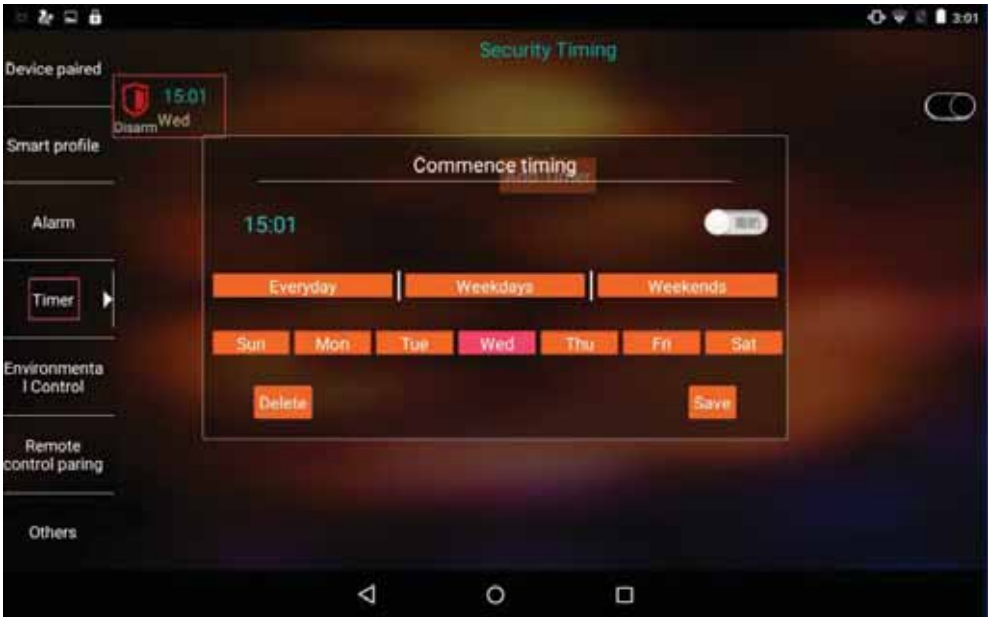
On top of being able to customize which devices you want to turn on through Smart Profiles, the Wisbox Mini is also able to designate specific timings to when a profile will turn on or even when to trigger an alarm notification.



Set specific timings for which profiles will automatically activate.

1) Tap the top right dropdown bar and select the settings icon
2) Select timer on the list of profiles on the left of the app
3) You should be able to see two categories, “Smart Profile” and “Alarm”
4) Smart profile – able to specify timings to turn on and off profile
5) Alarm- to set specific timings to send an alarm
6) Under smart Profile
7) Select add timer (Maximum of 3 profiles)
8) Tap on the new timing
9) Configure timings accordingly
10) Save

11) Under Alarm
12) Select add timer (Maximum of 5 Timings)
13) Tap on newly created timer
14) Configure timings accordingly
15) Save



Others

This page shows the corresponding security notifications. Here you can enter your mobile number where in the event of a security alarm, it will send an additional notification to the corresponding mobile number on top of the predetermined actions that have been assigned

Adding / Deleting rooms

1) Select the dropdown bar on the top right hand corner. Select the room tab. It will bring you to a page with all the paired devices. Enter in the room name and press the “+” button.

2) To delete a room from the system, simply tap and hold on the room name that you want to delete.
3) A notification will pop up indicating whether you want to add or delete the room. Tap delete. There will be a notification when the room is successfully deleted. (Note: There must be no devices under the room for deletion.)

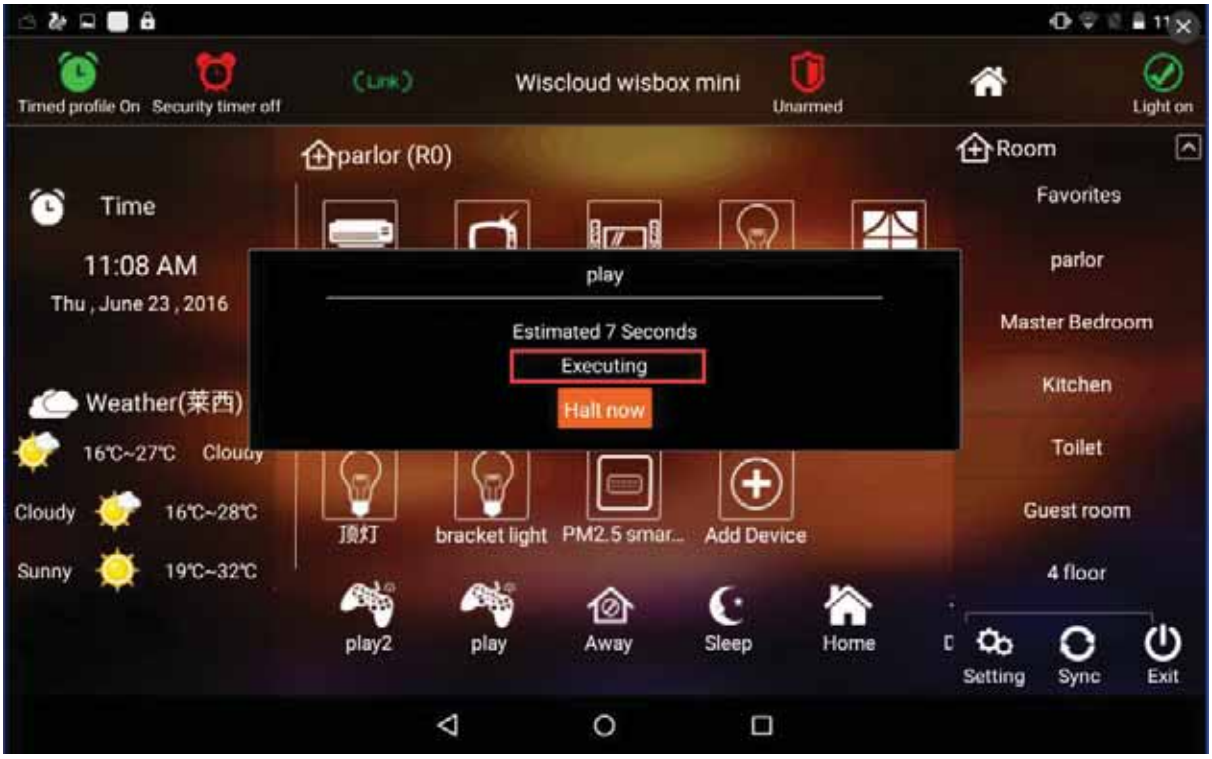
4) Frequently used: You can add your frequently used devices by simply tapping their icons. Doing so will add them to the frequently used tab. This will allow easier access to your frequently used devices. You can add up to a maximum of 24 devices under this category

Tap “Add Device” icon to add a device into the specified room.

Smart profiles

The picture below shows the available smart profiles that can be executed by simply tapping on the icons

The picture below shows the local profile icon, tap to show the current state of the profile. An orange icon indicates that the profile is currently active whereas a white icon indicates that the profile is inactive.

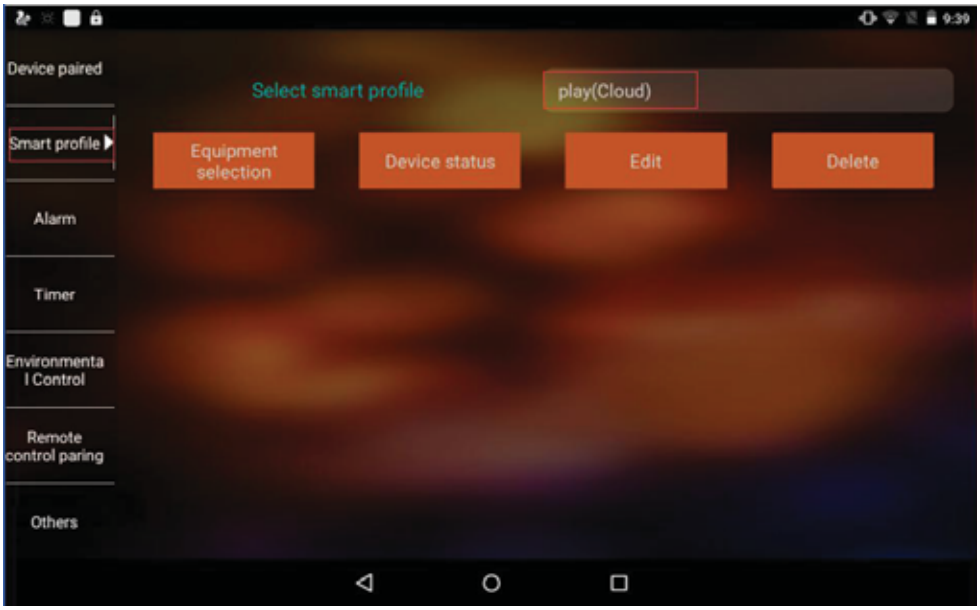


You are also able to configure the Smart Profile with relevant icons and names to better describe the type of profile that you have set up.

Smart Profiles

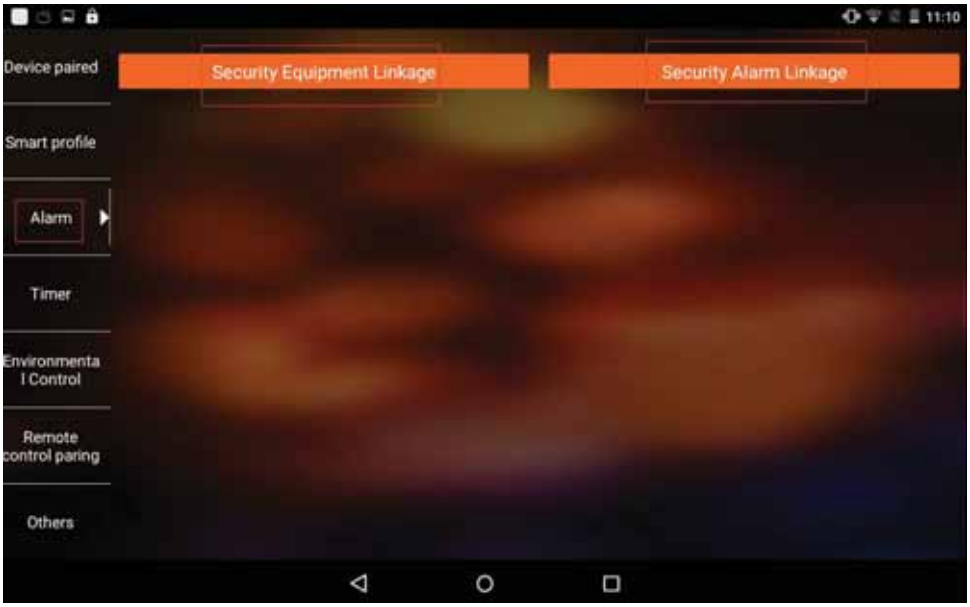
The Wisbox Mini is an intelligent piece of equipment. Not only can you set up devices to be remotely controlled through the Wisbox Mini, you can also set up Smart Profiles to better suit your needs. For example, setting up a Smart Profile for a hot sunny afternoon or an entirely different late night relaxation mood.

1) Select dropdown bar on the top right
2) Tap on settings icon
3) Select Smart Profile tab on the right
4) Select desired profile on the top right corner
5) Select “Equipment selection”
6) Select desired devices to be saved in the profile
7) Save
   (Note: Local scenarios add background must be kept in the foreground set the device status is complete, profile execution and timing functions effectively.)



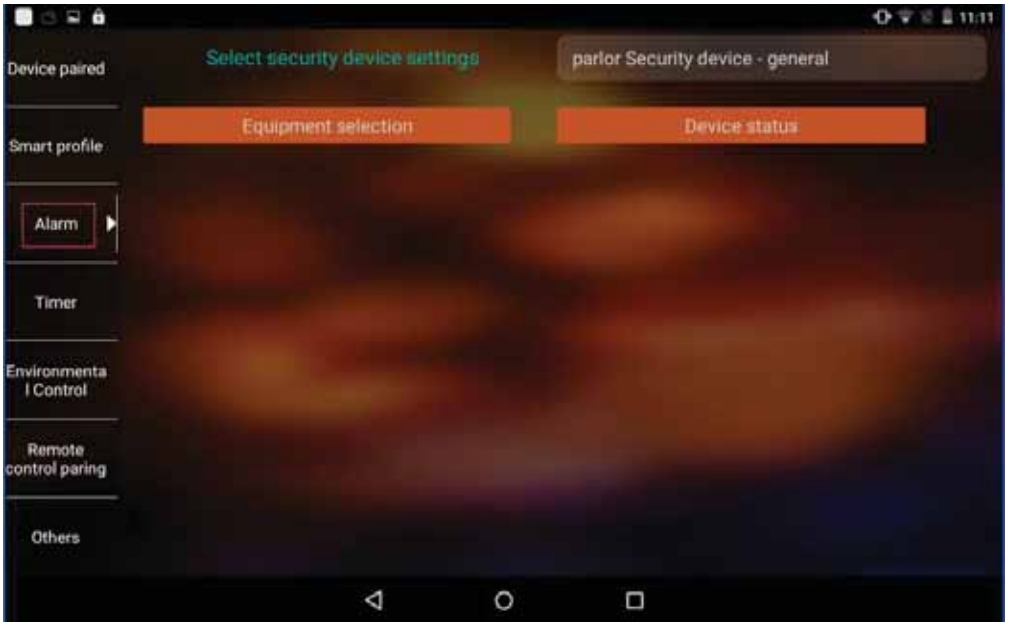
Alarm

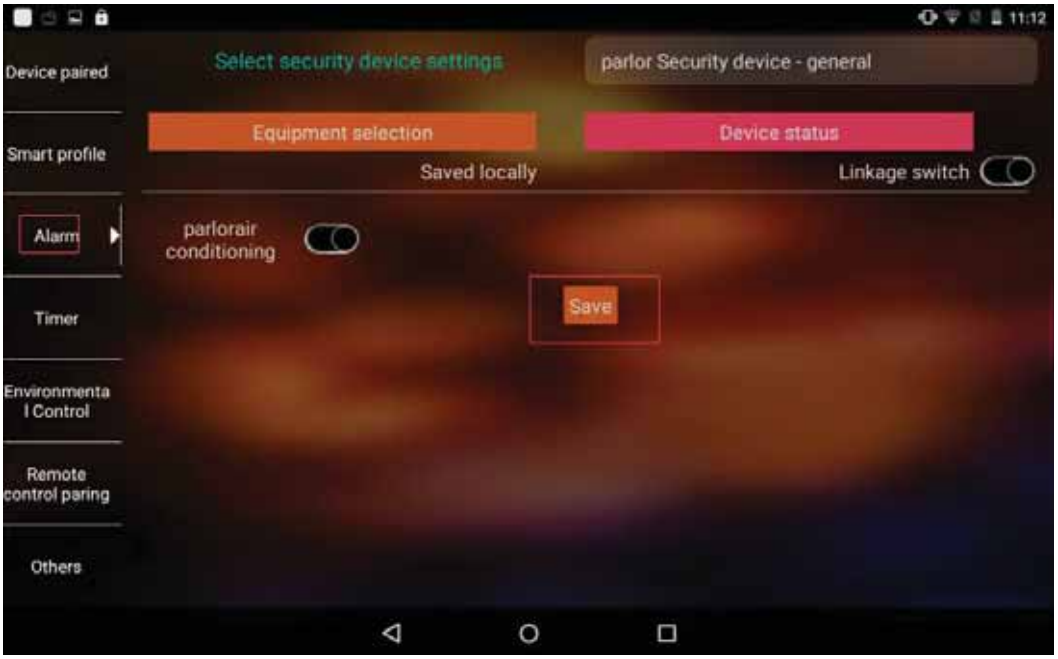
The Wisbox Mini is also able to control your security devices, in the event of a security breach. The Wisbox Mini is able to gather data of which device has been triggered by the breach and act according to the set instructions. It is also able to inform the user the moment there is a breach making crucial reaction time faster!



Security Equipment Linkage

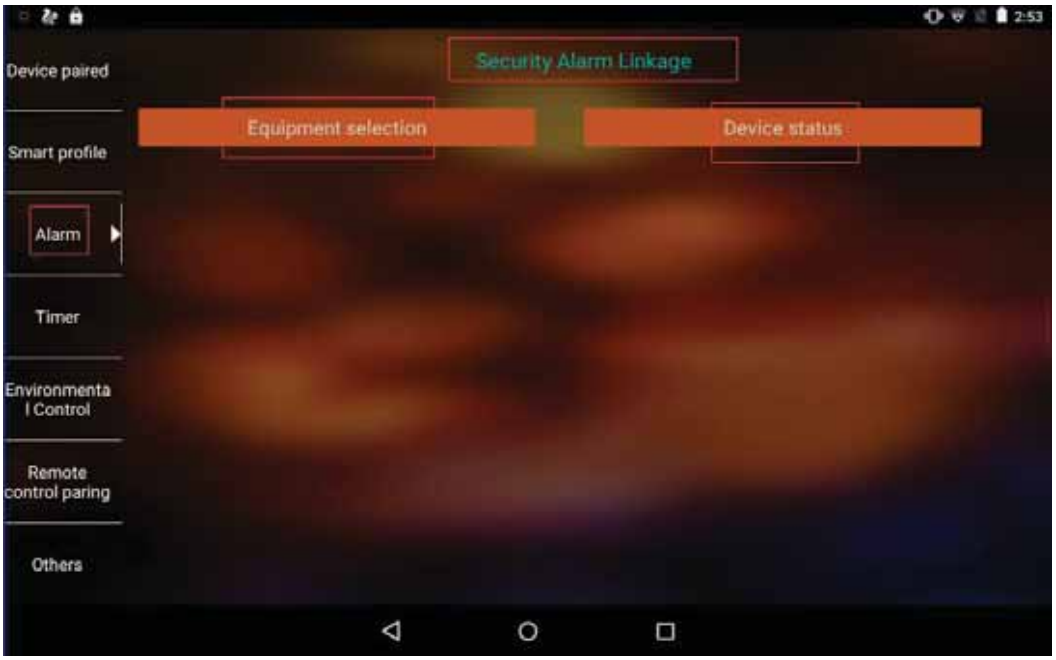
1. Tap on the top right dropdown bar and select the security button
2. Select alarm on the left bar
3. Select “Security Equipment Linkage”
4. Tap on equipment selection
5. Choose desired equipment
6. Save
7. Select “Device Status”
8. Save

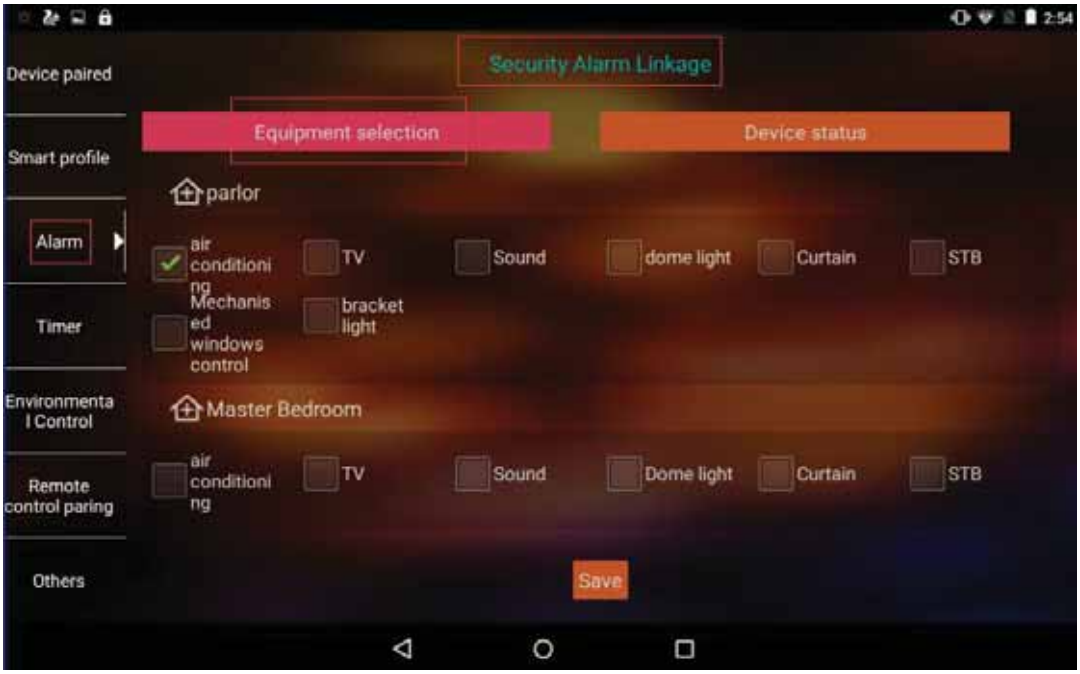




Security Alarm Linkage

1) Tap on the top right dropdown bar and select the security button
2) Select alarm on the left bar
3) Select “Security Alarm Linkage”
4) Tap on equipment selection
5) Choose desired equipment
6) Save
7) Select “Device Status”
8) Save



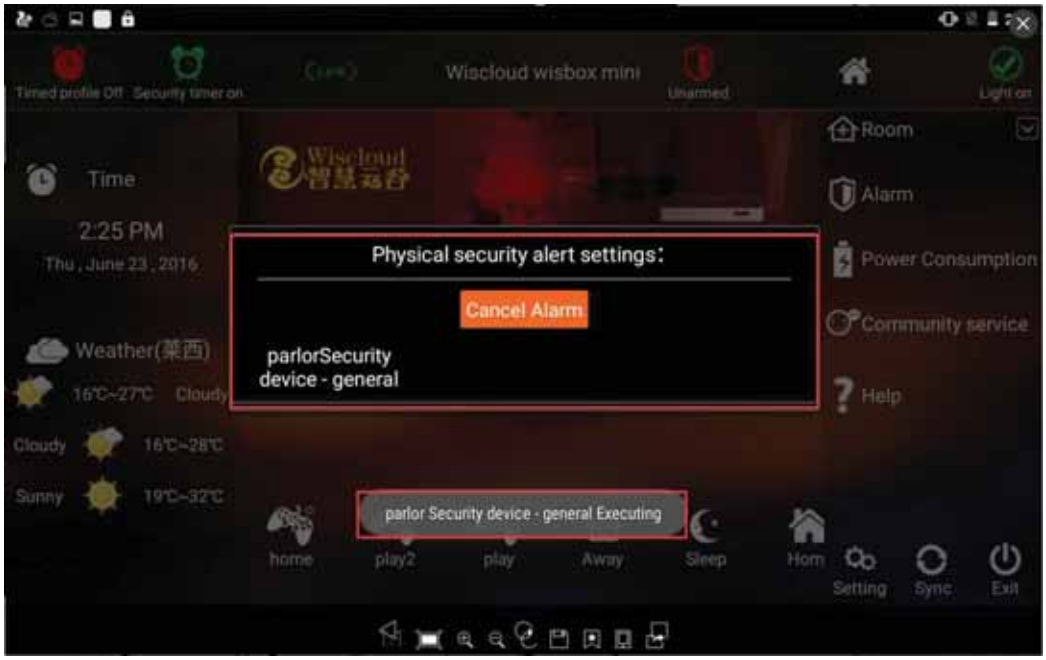


Additional Information

1, Select room tab from the drop-down bar, select a room with a sensor. Tap on the check button to determine whether the sensor is working correctly and there is connection. At this page you are able to set the upper, lower and appropriate values. Save once finalized.

1. To access to the control page, ensure that all devices are successfully paired. Then press select the desired device. Doing so will open up the controls of the device.

2. In the event the security device is triggered, there will be a notification popup stating that the particular device has been triggered. If SMS notification has been enabled, it will also send a SMS to the stated mobile number.



3. To check if all the equipment / devices is successfully set up, go to the controls panel under room, equipment. An orange icon will indicate that the device is turned on, and a white icon will indicate that the device is turned off.

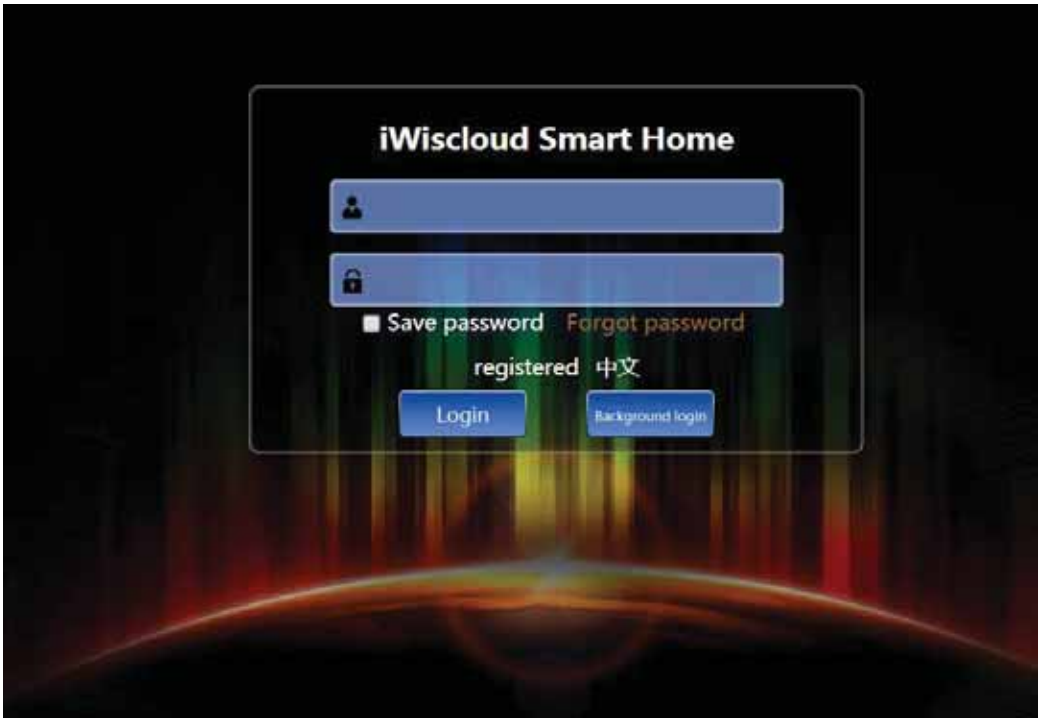

Timed profile Off
Security timer on
Wiscloud wisbox mini
Unarmed
Light off
parlor (R0)
Room
Time
2:44 PM
Thu , June 23 , 2016
air...
TV
Sound
Curtain
STB
Security...
Mechanised...
IR repeater
Security...
bracket light
PM2.5 smar...
Add Device
Favorites
parlor
Master Bedroom
Kitchen
Toilet
Guest room
4 floor
Weather(莱西)
16℃~27℃ Cloudy
Cloudy 16℃~28℃
Sunny 19℃~32℃
home
play2
play
Away
Sleep
Hom
Setting
Sync
Exit

Wisbox mini website guide

Logging in

To start using the wisbox mini, first go to this website http://wisbox.iwiscloud.com

Enter your login username and password and click login to enter the system(pic1)



Once you have successfully logged in, you will first see the main interface of the Wisbox mini

With respect to figure 1 (pic 2) the icons are as follows

Shows the connection status to the cloud server, a green icon indicates successful connection to the server whereas a red icon indicates no connection4

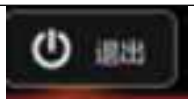
1. Control panel

Exit – exit the system

2. Backend - admin page
   - Refresh – synchronise with server
   - Settings - wisbox control page, pairing options
   - Home – home page
3. Side panel
   - Rooms
   - Power consumption
   - Security
   - Community service
4. Sensor Readings
5. Smart Profiles

6. SHORTCUT KEYS
   - Timed Smart Profile
   - Timed Security
   - Security armament status

(Website gui guide)

timed smart profile		
Timed security		
Current security status		Armed or disarmed
Sensor		Temperature, humidity vo2 co2
Room		Shows all the rooms set
Power consumption		How much power the machine is consuming
Security		Show all security devices
Community service		Coming soon
Logout		
Backend		Engineers gui
refresh		Sync with server
settings		Settings page
home		Home page
Connection status		Connection to cloud server; green- connected Red – no connection
Smart profile		Shortcuts to smart profile

Pairing devices

Infra-red pairing

1) Click "Settings" - "Equipment Pairing"

2) Click on infra-red paring

Note: To recommend energy saving infrared remote control and intelligent electrical socket supporting the use of infrared appliances in the room corresponding socket learn, specific pairing methods are detailed in the remote control Instructions;

433 MHz Paring

1) Click on the “Settings” icon

2) Click “Equipment Paring”

3) Turn on the 433Mhz device paring

4) Click on the corresponding room where you want the device to be paired at.

5) Click on the device that is to be paired

6) The Wisbox mini will emit a “beep” sound to indicate the paring process is active and it will continue to beep for another 10 seconds. After which paring will be unsuccessful.

7) During the 10 second timeframe. Turn on the corresponding device and pair accordingly. If paring is successful, the Wisbox Mini will play a “beep” melody.

8) Close the control once you have successfully paired all your devices.

9) Turn off 433MHz device paring under equipment paring

315 MHz Paring

1) Click on the “Settings” icon

2) Click “Equipment Paring”

3) Turn on the 315Mhz device paring

4) Click on the corresponding room where you want the device to be paired at.

5) Click on the device that is to be paired

6) The Wisbox mini will emit a “beep” sound to indicate the paring process is active and it will continue to beep for another 10 seconds. After which paring will be unsuccessful.

7) During the 10 second timeframe. Turn on the corresponding device and pair accordingly. If paring is successful, the Wisbox Mini will play a “beep” melody.

8) Close the control once you have successfully paired all your devices.

9) Turn off 315MHz device paring under equipment paring

Security device paring

1) Click on the “Settings” icon

2) Click “Equipment Paring”

3) Turn on the Security device paring

4) Click on the corresponding room where you want the device to be paired at.

5) Click on the device that is to be paired

6) The Wisbox mini will emit a “beep” sound to indicate the paring process is active and it will continue to beep for another 10 seconds. After which paring will be unsuccessful.

7) During the 10 second timeframe. Turn on the corresponding device and pair accordingly. If paring is successful, the Wisbox Mini will play a “beep” melody.

8) Close the control once you have successfully paired all your devices.

9) Turn off Security paring under equipment paring

Remove device

1) Click on the “Settings” icon

2) Click “Equipment Paring”

3) Turn on Remove paring

4) Click on the corresponding room where the device is to be removed.

5)Select device to be removed

6) accept the popup to delete the device

7) Turn off remove paring under equipment paring

Security

1) Click Settings

2) Click Security; Security equipment Linkage and Alarm linkage

Alarm Linkage

1) Click on Alarm linkage

2) Click on Select device

3) choose Alarms that you would like alarms to be linked to

4) Save your selection at the bottom

5) Click Device status

6) Save

Security Equipment Linkage

1) Click on Security linkage

2) Click on Select device

3) choose the equipment's that you would like alarms to be linked to

4) Save your selection at the bottom

5) Click Device status,

6) Save

Timed Profiles

1) click on settings

2) Click on Timed Profiles

Under timed profiles there should be two profiles; Timed security profile and Timed smart profile.

Timed Security Profile

1) Click on timed security profile

2) click add (max 5 profiles)

3) Configure security profile

4) save

Timed smart profile

1）Click on timed Smart profile

2）click add (max 3 profiles)

3) Configure timings for the profile

4) save


Remove pairing
Logout
Backend
Refresh
Settings
Home
Master Timed Control
Timed Smart Profile
off
Timed Security
on
Current Security Status
Timed smart profile
Away
Home
Dawn
Room
Favorites
parlor
Master Bedroom
Kitchen
Toilet
Guest room
4 floor
Power consumption
Security
Community service
home
play2
play
Away
Sleep
Home
Dawn
New smart profile


Remove pairing
Logout
Backend
Refresh
Settings
Home
Master Timed Control
Timed Smart Profile
off
Timed Security
on
Current Security Status
Away
Smart profile timed On/Off
Time smart profile settings
22 Hour 35 Minute
Settings
Week Mon Tue Wed Thu Fri Sat
Add
Add
Back
Room
Favorites
parlor
Master Bedroom
Kitchen
Toilet
Guest room
4 floor
Power consumption
Security
Community service
home
play2
play
Away
Sleep
Home
Dawn
New smart profile

Environmental Control

First, connect the smart sensors and the Wisbox mini. 

To connect, enter in the corresponding identification (ID) addresses with respect to the smart sensor and the room. Once this is set up, there will be a message prompt stating that the connection is successful

Go to the settings and select “Environmental control” Choose the settings accordingly to your suited needs and save afterwards; upper and lower equipment and state settings. After which select “device status” and save.

Remote control paring

1) click on settings

2) click on remote control paring

3) click on equipment paring under 2.4Ghz remote controller

4) When the button is pressed, the Wisbox Mini will continuously beep for 10 seconds. During which press the corresponding button on the security device, If you are unable to do so during the 10 second window, please redo the paring process. The Wisbox Mini will emit a “Beep” melody when pairing is successful.

Nebula Light switch

Refer to Light switch manual

Nebula Sensors

Refer to Nebula sensor manual

Others

Click "Settings" - "Other " you can modify / see TV program; modify / view the phone numbers and alarm status, click Save

1) click settings

2) click others

Here you can set your favourite tv programme or edit alarm notification

Adding/ deleting rooms

1) click on room tab on the right,

2) type in the name of the room you want to add into the blank field

3) press the “+” button to a dd a room

4) to delete a room you have to first clear the devices that have been assigned to the room. After which simply press the “- “button beside the room that you want to delete.

Favourites

1) click room

2) click favourites

3) selecting any devices will automatically add into favourites in that order.

4) you can assign up to 24 devices under favourites.

To add a device, simply press the add device button at any room.

Select device category and name then click save.

Smart Profiles

1) click on settings

2) Click Smart Profiles

3) click on any profile available

4) click save

Additional information

1.Select room tab from the drop-down bar, select a room with a sensor. Tap on the check button to determine whether the sensor is working correctly and there is connection. At this page you are able to set the upper, lower and appropriate

2. To access to the control page, ensure that all devices are successfully paired. Then press select the desired device. Doing so will open up the controls of the device.

3. In the event the security device is triggered, there will be a notification popup stating that the particular device has been triggered. If SMS notification has been enabled, it will also send a SMS to the stated mobile number.

4. To check if all the equipment / devices is successfully set up, go to the controls panel under room, equipment. An orange icon will indicate that the device is turned on, and a white icon will indicate that the device is turned off.

values. Save once finalized.

Warranty coverage

Wiscloud Singapore PTE LTD provides the following International warranty coverage for iWiscloud smart switch:

Warranty Period	18 months
Scope of Warranty	Electronic parts & sensory module
Warranty Service	Carry in - one to one product exchange

- iWiscloud smart switch is warranted for the specified Warranty Period from the date of original retail purchase (proof of receipt required) against defects in quality and materials under normal, non-commercial use. Abnormal usage caused damage is not warranty covered. Wear and tear damage is also not warranty covered.
- Abnormal usage includes (force majeure), but limited to, deliberate damaging, disassembling, dismantle, manipulating warranty sticker, power overloading, water damaging or other man-made caused product damages.
- Wear and tear damage includes, but not limited to, exterior surface defects due to natural environmental cause and mishandling.
- This warranty does not cover missing accessories or external parts of the product. Such claim should be made within 3 days from the date of original retail purchase with the supplying agent.
- For the avoidance of doubt, minor imperfections within design specifications and that do not materially alter functionality of the product are not considered a defect under this warranty.

Company Information

Wiscloud Technology PTE LTD (Singapore)

Address: 62 Ubi Road 1, Oxley Bizhub 2 #08-13, Singapore 408734

Website: http://en.iwiscloud.com

Email: support@iwiscloud.com

Wiscloud Singapore PTE LTD (Singapore) reserves its right in the terms and conditions interpretation found within this operational manual.

Customer Support

SG Customer Support: (065) 6969-0523

US Customer Support: (909) 228-0080

E-Mail: support@iwiscloud.com

Manufacturer Phone: (400) 618-0679

URL: en.iwiscloud.com

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.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

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

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.