id Smart Box
Instruction for Android

iSmartHome

868MHz wireless smart home system

iSmartHome

868MHz wireless smart home system

OPERATION MANUAL
CONTENTS

ID SMART BOX
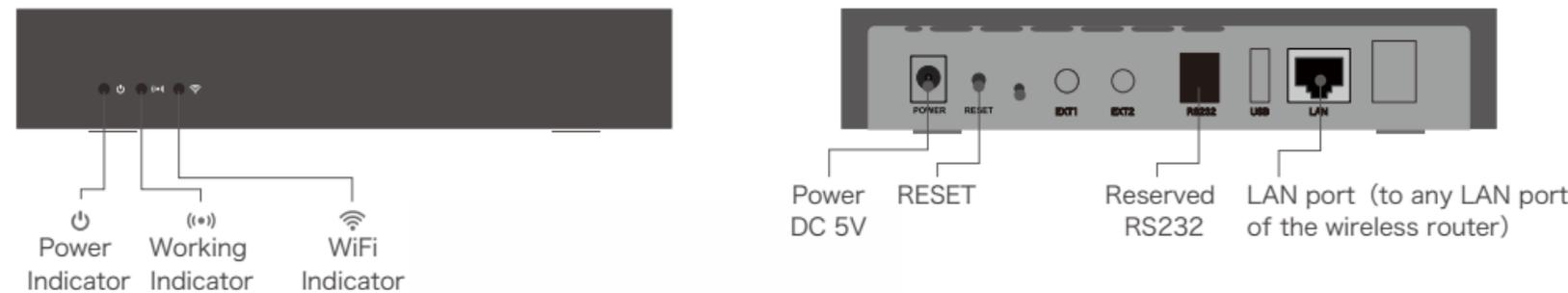## INTRODUCTION

Specification

Power Voltage: DC 5V-9V
Working Current: ＜300mA
Standby power
consumption: ≤200mA
Rated Power: ＜2W
Protection Class: IP40
Antenna: Built-in
Control Point Number: 30

Installation: Horizontal or wall-mounted
Wireless Communication: 433MHz, 868MHz
IEEE 802.11b/g（WIFI）
Communication Distance: 35m (Indoors)
Network Port: 1×RJ45 (10/100 BaseT)
Working Temperature: -10℃ to 55℃
Storage Temperature: -40℃ to 55℃
Smart Box Size: 158mm×83mm×30mm

Installation Environment

The Smart Box should be installed in the central area of the residence at a height of over 50 cm above the floor. Installation may be horizontal or wall-mounted. There should be no metal objects shielding surrounding the Smart Box. Other objects should be at least 15cm away from the Smart Box. The Smart Box should be installed away from humid environments to avoid unneces-sary influence on the Smart Box. A wireless router should be connected to the installation position of the Smart Box to enable access of intelligent terminals (e.g. iPhone, iPad, etc.).

ID SMART BOX
HARDWARE INTERFACE

Power
Indicator

Working
Indicator

WiFi
Indicator

Power
DC 5V

RESET

Reserved
RS232

LAN port（to any LAN port
of the wireless router)

Standard
Configuration

Adapter (Plugs for different
countries optional)

Smart Box

Network Cable

Instruction Manual

ID SMART BOX CONTROL

Smart Box Connection

1 Connect the Smart Box with adapter and then connect the power supply. Connect the LAN port of the Smart Box with the LAN Port of the home router (Note: Switch on DHCP Dynamic Host Configuration Protocol of the WI-fi router). Wait till the indication power indicator "⏻" of the Smart Box is normal, proceed other operations.

LAN port wiring

Ordinary power socket

Adapter (Plugs for different countries optional)

Smart Box

The third party router

2 Cell phone users of Android download and install id Smarthome in the website www. Herzborg. de

3 Connect the mobile phone to the Wifi provided by the router connected with the Smart Box by network cable. • Open idSmartHome app. Enter "admin" in user name Smart Box and "123456" in password (modification of user name and password is detailed in Page 20 of this manual). The user may save the user name and password. If auto login Smart Box is checked, the user may automatically log in by clicking the icon on the desktop. • The device ID may be automatically obtained upon successful login to facilitate remote control next time.
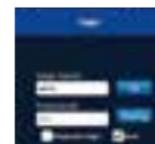
Android
Software download

ADD DEVICE

Add Device

• The learning of the remote should be made within the range of 0.1-5 m to the Smart Box. After login, find the icon " 🔧 " on the home page to enter the setup interface.

Add Room

→ → Add → → Save

Select "Setting" button → Click "Room Set" → Click "Add" → Click ▢ and select room icon → Add the room successfully

In ▭ Enter room name in name Smart Box

Add 433MHz device

Judgment of 433MHz device: Communication mode on nameplate of the device packing is 433MHz.

→ → → →

Select "Setting" button → Click "Device Set" → Click "ROOM1" → Click "433 Add"

433MHz
ADD DEVICE

→
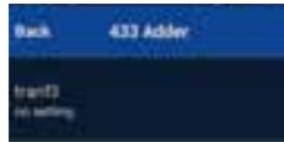
Click to select any one of the undefined channels

→
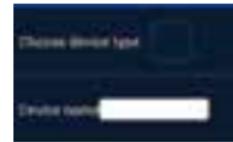
(User-defined device name. Optional device types: Roller Blinds, Venetian Blinds, Curtain, etc. Here, take roller blind for example)

→ **Next**

Click "Next"

433MHz
ADD DEVICE

• Click learning button " Leam " , press and hold the "stop" button of the emitter within 10s till the hint of "Learning Succeess" displays (The emitter has been matched with the motor to be added)

• After the hint of "Learning Succeess" displays, press "Open/Close/Stop" button respectively to test the button. If the corresponding motor may execute "Open/Close/Stop" action properly, the learning is successful. Press " Delete " button. Or, learn the codes again.

Click " Save ", pop " ▬▬▬ ", and click "yes". The device is successfully added

• Learning of Multichannel Remote: Learn channel by channel

868MHz
ADD DEVICE

Add 868MHz device
Judgment of 868MHz device: Communication mode on nameplate of the device packing is 868MHz.

 → → → →

Select "Setting" button   Device Set   ROOM1   Click 868 Add

→ →

Enter device name

Connect the power supply of 868MHz device. Click the device to be added within 10s after hearing the continuous "beep" sound. One "beep" sound indicates that the device is added and the adding action is successful.
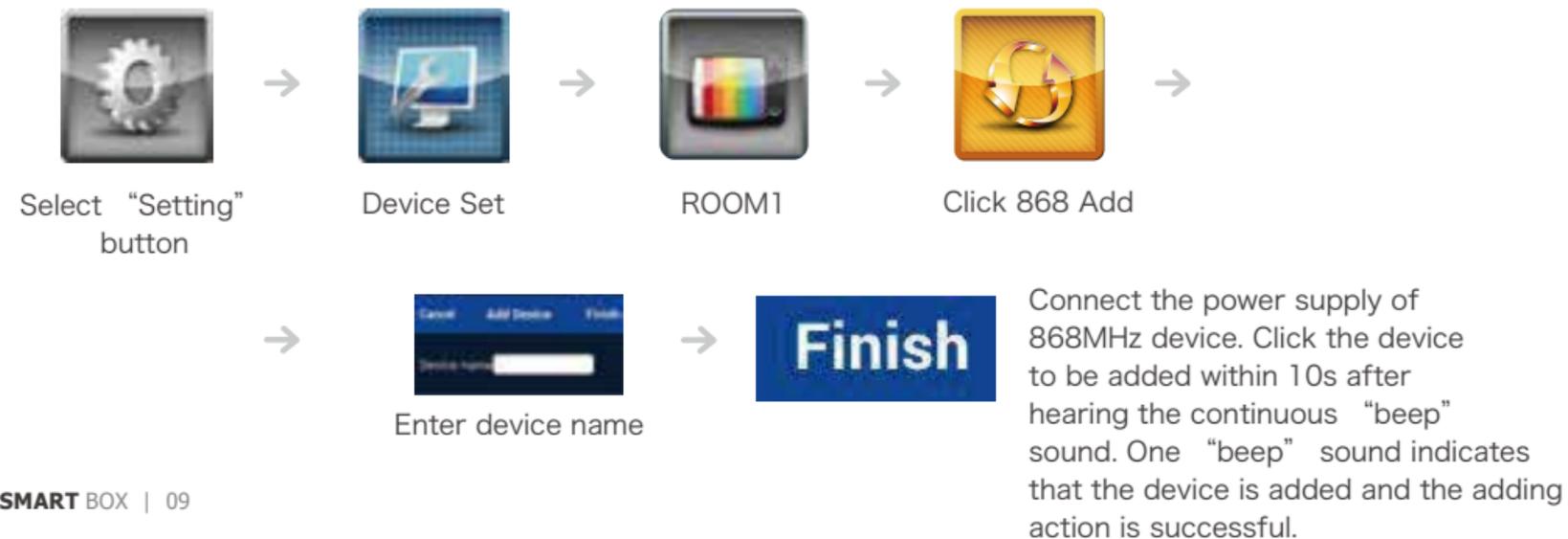
DEVICE ROOM
CHANGING OPERATION

 → → → →

Select "Setting" button   Device Set   Select "Room1 "   Press and hold the icon of the device to be edited   The device name displays (renaming available)

→ → →

Click the icon; select the room where the device is to be relocated   Click "OK"   Click "OK" and the device changes room successfully
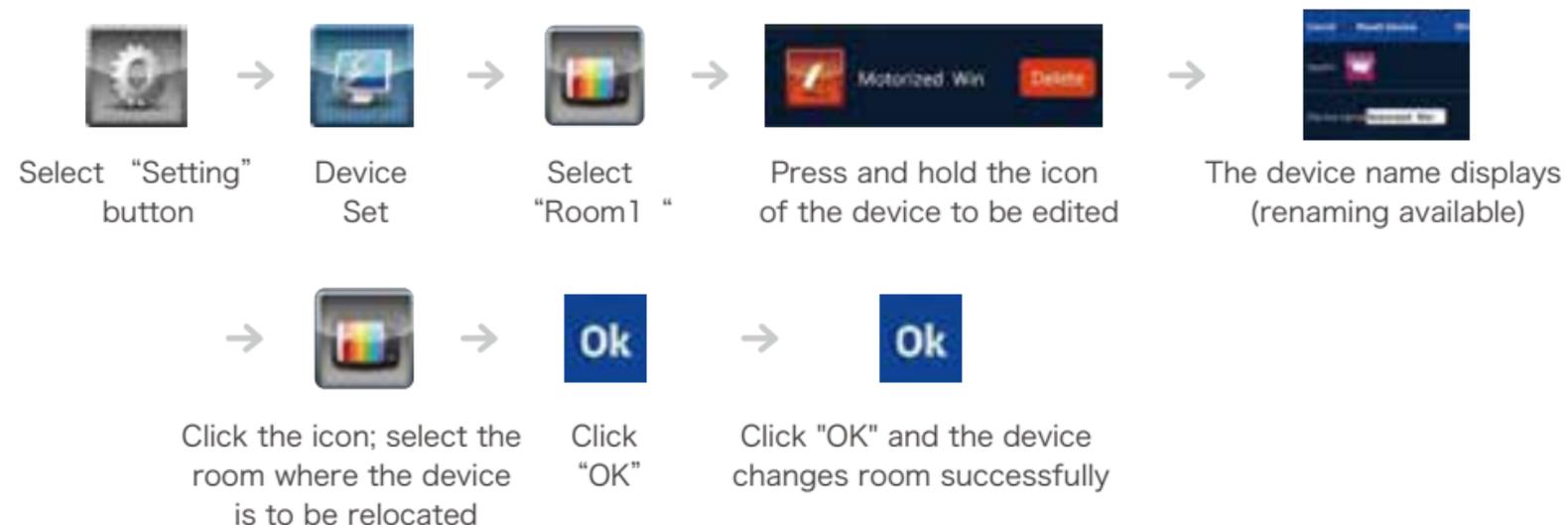
ID SMART BOX UPDATE

Add smart scene remote
Before this operation, all required scenes should be added. Please refer to P43 for scene adding methods

Click "Setting"

→
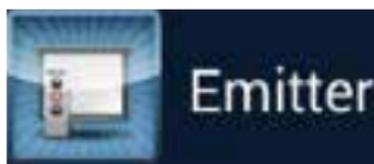
Click "Emitter"

→

Click "Scene"

→

tranf2
no setting
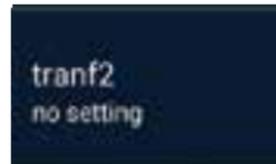
Select any one of the undefined channels

→

+

Click "Dashed icon" to enter scene selection interface to select the scene

→

Ok

Click "ok"

→

Learn

Click "Learn" button and then press and hold the code learning button required on 868MHz remote

→

May you save this device?

Yes   No

"Yes or no" will be reminded for saving the device. Click "yes" and setting of free pasting is completed.

ID SMART BOX
UPDATE

Remote update of Smart Box software

Remote update via network is available.

 → → → → →

Select "Setting" button | Click "About" | Click "Update" | Click "OK" | The working indicator in the middle blinks | Return log-in interface Update is successful
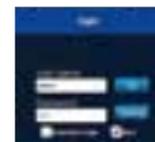
ID SMART BOX
INTRODUCTION

id Smart Box

id Smart Box enables distance control and remote control functions on any wireless controlled motorized blinds and curtains by mobile phones or iPad. Controls such as opening, closing, stopping and adjustment on existing motorized blinds and curtains may be achieved by App software without affecting the normal operation of the original remotes. In addition, extended control may also be made on devices such as various wireless lights and electric apparatuses.

ID SMART BOX
STRUCTURE

Motorized blinds and curtains

Light

Wireless remote

iPad、iPhone、Android controlled
Available for 2G, 3G, 4G and Wi-Fi network

id Smart Box

Network Cable

Wi-Fi router

Smart remote

SETTING
INTRODUCTION

Setting function can conduct setting on user account, host IP, host time, room set, device set, scene set, emitter and About

SETTING

Setting Interface

• Select " " icon in home page; click the icon and enter system setting interface

• System setting options: user account, host IP, host time, room set, device set, scene set, emitter and About

Add Account

• Click " " to enter "User Account" interface; click edit button " **Edit** " and then add button " **Add** "; enter "Add Account" interface; input user name and password; click " **Ok** " ("Create New" operation is only enabled for "admin" account)

• Click " **Edit** ", Click " **Delete** " to delete the user

• Click cancel button " **Cancel** " to return the "User Account" interface.

SETTING

Host IP

• Click " ▦ " to enter "Host IP" interface (modification by user not recommended)
• After editing, click OK button " Ok " to return "Setting" interface
• Wait for 10s before making other operations

Server Time

• Click " ⏰ " to enter "Time Modification" interface. Make modification and then click ok button " Ok "
Note: Time format is the same as that of iPhone. The 24h time system may be set on iPhone

SETTING

Room Set

Please refer to room set operation in quick installation guide part of this manual for details (P06)

Device Set

Applicable in case of newly added device set; please refer to id System Quick Installation Guide or the instruction manual of the device to be added for details (P06).

RENAME DEVICE

• Click " " on the home page to enter "Setting" interface
• Click device setting icon " " to enter device setting interface
• Click the room where the device is located
• Select and hold the device
• Enter device name the name shall not be over 15 letters ;
click ok button " OK " to return "Editing Device" interface
• Click "Back" to return the "Device Set" interface.
The device is successfully renamed.

REMOVE DEVICE

• Click " " on the home page to enter "Setting" interface
• Click device setting icon " " to enter device setting interface
• Click the room where the device is located
• Click device and then click " Delete "
• Click " Back " and return to interface of device configuration, and
the device is deleted successfully
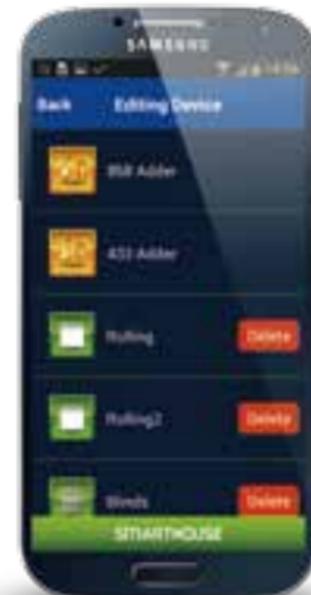
SETTING

About (Current software version)

ID SMART BOX
FOUR FUNCTIONS
INTRODUCTION

Smart Box provides for major functions: Central control function, scene control function, timer control function and remote control function. In addition, it supports user-defined editing function, which enables convenient and flexible operation of the user

FOUR FUNCTIONS INTRODUCTION

01 Central Control Function

Forget the remotes of your household appliances for AC, TV, etc. and don't bother to stand up to control the lights and curtains, an iPad or a smart phone is all you need to operate any device within the Smart System within your home.

02 Scene Control Function

With the help of the easy "One-button" scene switch, you'll get rid of the embarrassment of rushing around to control different devices such as lights, motorized blinds and curtains, AC and AV devices in different areas.

For example, after you wake up in the morning, you just need to press the scene switch for "Wake-up Mode", Smart Home System will automatically open the shade curtains and window opener of the bedroom, turn off the AC system of the bedroom and turn on the light and exhaust fan of the bathroom.

03 Timer Control Function

For people living a nine-to-five lifestyle like you, a more regular life is demanded. The Timer Control Function of Smart Home System can handle many trivial things for you, for example, timed wakeup, timed congee cooking, timed opening of AC, timed opening of floor heating, etc. For example: At 7 a.m., the background music of the automatic control function plays, the soft music wakes you up from the sweet dream, the motorized blinds open gently; the lights and exhaust fan in the bathroom open; the lights in the coatroom turn on; after you get yourself washed, the congee is ready in perfect temperature;

04 Remote Control Function

For people with larger social circles like you, you would forget to turn off the household appliances when you're engaged in social activities. Or, when you get home after work, the room is sweltering. You would be sweating all over before the AC cools the room to an appropriate temperature. Smart Home System may enable you to control the household appliances in your home even if you're out.

CENTRAL CONTROL FUNCTION

Don't bother to stand up to control the lights and curtains, an iPad or a smart phone is all you need to replace several remotes and power switches. For example:

On a weekend morning, you throw yourself into the sofa. What are you planning to do? Close the blinds? Make a cup of coffee? Or turn on the wall lamps?

Now you don't need to seek for your remotes everywhere any more. Take your iPad or smart phone, open Smart Home System and find the device you want easily. Control the appliance in your home in any manner you want and make your life easier.

CENTRAL CONTROL FUNCTION

Roller Blinds

• Click the curtain icon enter home page room to control the open-close state
of the roller blinds (percentage-based control available depending on motor type);
• Click " Open " 、 " Close " 、 " Stop " button for "open"，"close" or "stop" operation.

Motorized curtains

• Press and drag the curtain slowly leftwards or rightwards to control the
open-close state of the curtain (percentage-based control available
depending on motor type);
• Click " Open " 、 " Close " 、 " Stop " button for "open"，"close" or
"stop" operation.

CENTRAL CONTROL FUNCTION

Venetian Blinds

• Click device icon to control the open-close state of the venetian blinds (percentage-based control available depending on motor type);

• Click " Open " 、 " Close " 、 " Stop " button for "open" , "close" or "stop" operation

• Angle adjustment: Slid " (" to adjust the angle of the venetian blinds

Window Opener

• Click device icon to control the open-close state of the window opener (percentage-based control available depending on motor type);

• Click " Open " 、 " Close " 、 " Stop " button for "open" , "close" or "stop" operation.

CENTRAL CONTROL FUNCTION

Smart Socket

Can control 220V on/off device including table lamp, coffee maker, electric cooker, heater etc.

Light

Click " 🔆 " to turn on/off the lights. Drag the slider at the bottom of the device icon to dim on percentage basis. When the lighting intensity is 0%, the light is off. When the intensity is 100%, the light is the brightest (Dimming function is only available with dimming module installed)

SCENE CONTROL FUNCTION

With the help of the easy "One-button" scene switch, you'll get rid of the embarrassment of rushing around to control different devices such as lights, motorized blinds and curtains, AC and AV devices in different areas. For example, after you wake up in the morning, you just need to press the scene switch for "Wake-up Mode", Smart Home System will automatically open the shade curtains and window opener of the bedroom, turn off the AC system of the bedroom and turn on the light and exhaust fan of the bathroom. Five places to go after wakeup are simplified to be one button to touch, making your life much easier

SCENE CONTROL FUNCTION

New Scene Creating

• Press setting button " 🔧 " on the home page; click " 📱 " to enter scene set interface.

• Click edit button " **Edit** " and then click add button " **Add** " to enter "Add Scene" Interface.

• Click " ➕ " and select picture for the scene name the scene.

• Click " **Save** " and enter setting interface of editing scene. Click " **Add** " and enter interface of adding device. Find devices to be added in corresponding room. Click device icon, and enter interface of setting device state

• Choose a state to be the executed state in the scene, set the state of the device as the state for example, click " **Ok** " , then the device is open when the scene is activated.

• Click " **Ok** " and the scene is successfully added
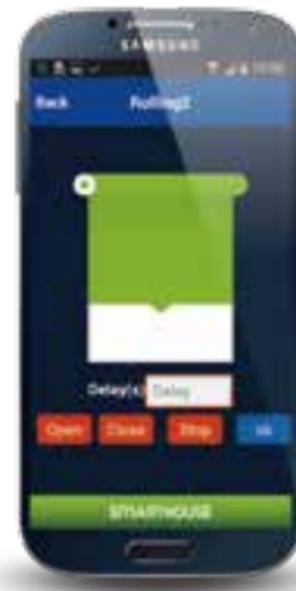
SCENE CONTROL FUNCTION

Scene Control

• Select " " on the home page; click to enter the "Scene Set" interface. Click start button
" " to execute the scene
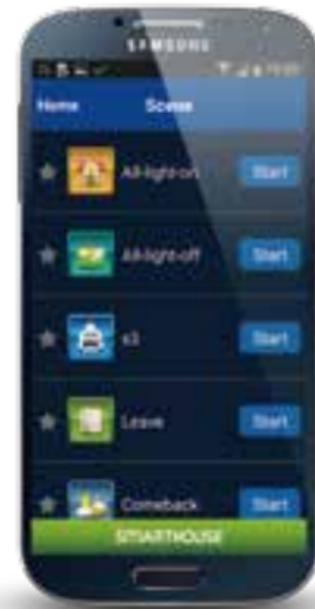
SCENE CONTROL FUNCTION

Scene Control

• Select " on the home page; click to enter the "Scene Control" interface. Click start button " Start " to execute the scene
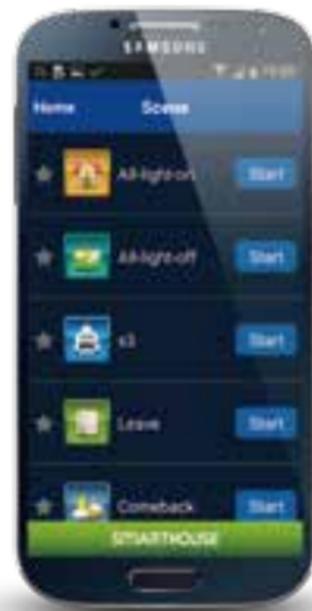
Scene Deletion

• Click " ⚙ " button on the home page; click " 🔲 " to enter "Scene set" interface
• Click the scene
• Click " Delete " to remove the added device from the scene
• Remove all devices in the scene and then click OK button " OK " to enter "Scene set" interface
• Click edit button " Edit "
• Click " Delete " to remove the scene; then click back button " Back " to successfully complete the deletion

TIMER CONTROL FUNCTION

For people living a nine-to-five lifestyle like you, a more regular life is demanded. The Timer Control Function of Smart Home System can handle many trivial things for you, for example, timed wakeup, timed congee cooking, timed opening of AC, timed opening of floor heating, etc. For example, on the weekdays from Monday to Friday, at 5 a.m., Smart Home System will automatically connect the power supply of the electric cooker and cook the rice and water you prepared last night to delicious congee. At 7 a.m., the background music of the automatic control function plays, the soft music wakes you up from the sweet dream, the motorized blinds open gently; the lights and exhaust fan in the bathroom open; the lights in the coatroom turn on; after you get yourself washed, the congee is ready in perfect temperature. After enjoying your breakfast, you leave home at 8 a.m., and the Smart Home System automatically turns off the power supply for all lights and electrical appliances except the AC. At 5:50 p.m., by timer control, the AC/Floor Heating system in the home is turned on. When you get home at 6 p.m., appropriate room temperature is already there in your home. It is Smart Home System that saves both your trouble and energy

TIMER CONTROL FUNCTION

New Timer Editing

- Click " " icon on the home page
- Click edit button " **Edit** " to enter "Timer" interface
- Click add button " **Add** "
- Click " " to edit the name then click " OK "
- Click " " to edit the time,click " save " and return to "Timer" interface

Click " " to enter "Repeat" interface; select repetition time within the scope from Monday to Sunday, click "OK" button " Ok " to save the current settings; click cancel " Back " to abandon current settings. If no repetition cycle is selection, the timer will be valid only for the current day
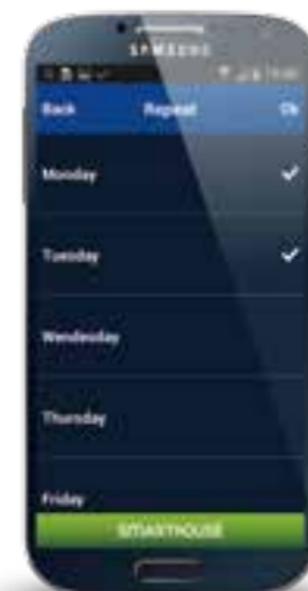
TIMER CONTROL FUNCTION

• Click " " to enter "Scene" interface; click the scene to be executed; then click "OK" button " Ok "

• After all the setting operations are done, click save button " Save " and back button " Back " return the "Timer" interface

• Click " on " to turn on/off the timer. The state of " on " indicates that the timer is on

Timer Control Function

• Click " icon on the home page to enter "Timer" interface

• Note: Please ensure that the timer of the Smart Box is correct. Please refer to P22 for viewing of Smart Box time

TIMER CONTROL FUNCTION

Timer Control Function

Click " on " to turn on/off the timer; click edit button " Edit " to edit the timer

REMOTE CONTROL FUNCTION

For people with larger social circles like you, you would forget to turn off the household appliances when you're engaged in social activities. Or, when you get home after work, the room is sweltering. You would be sweating all over before the AC cools the room to an appropriate temperature. Smart Home System may enable you to control the household appliances in your home even if you're out. For example, what if it suddenly pops into your mind that you forgot to turn off one electrical appliance when you're already out? Just connect the Internet with iPad or mobile phone and enter Smart Home System, then disconnect all power supplies except the power for refrigerator. On a hot summer day, after inviting some friends to get together in your home, you may turn on the AC system in your home by iPad or mobile phone 20 minutes in advance. When you're home, there's already cool temperature indoors. Just leaving your friends astonished, you're the one to enjoy the comfortable life and lead a distinguished life style and life quality

REMOTE CONTROL FUNCTION

• Upon the completion of system installation, after the first successful local login, the ID field of the device will automatically generate 12 digits, which is the Device ID (Unless deleted by the user, the Device ID will be saved in the "Device ID" field after being generated automatically)

• Log in directly in case of remote login

• When remote login of other hosts is needed, login can be conducted after inputting "device ID" of host which shall be provided with remote login

Note: Router connected with the Smart Box must be accessible via Extranet and the mobile phone or iPad must also be accessible to the Extranet

FAVORITES FUNCTION

If there're a great number of devices in your home or many scenes have been added, and some of the devices or scenes are most frequently used by you, you may add them into your Favorites to quickly call such operations. For example, if you're used to viewing news on the phone before sleeping, you may add "Sleep Mode" to the Favorites. Then you may directly click "Sleep Mode" when you're about to rest, which is quick and convenient

FAVORITES FUNCTION

Favorites

• Scenes and devices are items that may be added into the Favorites
• Find the device to be added into the Favorites in the room; click " 〔★〕 " and the icon turns to " 〔★〕 " , indicating successful addition
• Select the " 〔★〕 " icon on the home page; click to enter the "Favorites" interface

• On the "Favorites" interface, the devices and scenes added into the Favorite may be operated or cancelled
• Remove favorite: Enter the "Favorites" interface and click the edit button " " **Edit**
• Click " **Delete** " to remove the added scene or device from the Favorites
• Click return button " **Back** " after the removal

COMMON PROBLEM RESOLUTION

What can I do about the log-in failure,or when the APP disply "Network failure,reconnecting"?	1) Check if the wifi is able to be accessed(if the ID box is connected to the Lan port of the wifi router) ; 2) Verify the IP and port No; 3) Check if the 3rd.light on the ID box is on,if not,reconnect network cable to ensure the availablility of the internet.
How to confirm the failure of ID box?	First,check if the power indicator is on,if not,check the power adapter is well placed.In the meantime,check the working indicator and wifi indicator,which are normal to be off when standby,but flick when operated.
How to do aginst the frequent dropping after log in?	The network must have restrained the access of the ID box,you shall reset the network for the permission of the access.
After the scene is created, some delive mis-operated during execution?	Enter the scene set interface to check if the preset status of execution is correct.
The timer is not activated on time?	Check if the physical time of the ID box is correct.
The system is not able to be remote log-in?	1) Check if the input of the device ID is correct 2) Check if the phone or ipad is successfully linked to the internet.

CE ROHS Reserved the rights for the final interpretation of the products.

NOTE

Regarding installation: Pls do not proceed on installation before you read the instruction thoroughly.

About maintainess: The box shall be set in place dry and clean,to avoid damage on the electronic components.Do not clean the box with chemical detergent.

About storage:The cartons shall be stored in place with good ventilation,dry and clean. The stacks shall not exceeds 10 layers.Keep the temp. within -10-40 degrees.

About transportation: The carton can be transported by varied transportation,in the case to be protected from rain,snow and heavy crash.

About after service:Users are not allowed to diassemble the item against failure.It shall be delivered to the maintain erea or repaied under the service team's instruction.

CE ROHS   Reserved the rights for the final interpretation of the products.