HDL®

S57 Multifunctional Touch Panel (Wallapp)

User Manual

Version: 1.0.1

Published on Aug. 16, 2019

Content

Legal Statement

HDL has all the intellectual property rights to this document and contents thereof. Reproduction or distribution for third parties are prohibited without written authorization from HDL. Any infringement of HDL's intellectual property rights will be investigated the legal liability.

The contents of this document will be updated as the updates of product versions or other reasons. Unless otherwise agreed upon, this document is to be used as a guidance only. All the statements, information and recommendations in this document makes no warranty expressed or implied.

HDL Automation Co., Ltd.

Update History

The form below contains the information of every update. The latest version contains all the updates of all former versions.

No.	Version	Update Information	Date
1	V1.0.0	Initial release	Jul. 23, 2019
2	V1.0.1	2.1.2.1： Added roller curtain and RGB to the supported types 4.2： Added the instructions of controlling RGB 4.3： Added the instructions of controlling roller curtain	Aug. 16, 2019

1 Introduction

S57 Multifunctional Touch Panel (hereinafter referred to as S57) includes the following functions:

➢ Lighting control

➢ Curtain control

➢ Air conditioner control

➢ Scene control

This user manual mainly offers the instruction of configuration and using of S57. The devices may be included in this manual are:

➢ S57 Multifunctional Touch Panel (Wallapp)

➢ A computer with Buspro Setup Tool 2

➢ Router

➢ Network cable (not required if wireless router is available)

➢ Dedicated Buspro cable (several)

2 Configuration

Users can edit the targets, scenes to be controlled by S57, together with the house structure, in HDL Buspro Setup Tool 2, then upload the data to S57.

2.1 Edit Configuration Data

Open HDL Buspro Setup Tool 2, and click "Apply" → "HDL ON/Xiao Bai", as shown in Figure 2-1. Create new project, or select existed project to open the main editing page, as shown in Figure 2-2.
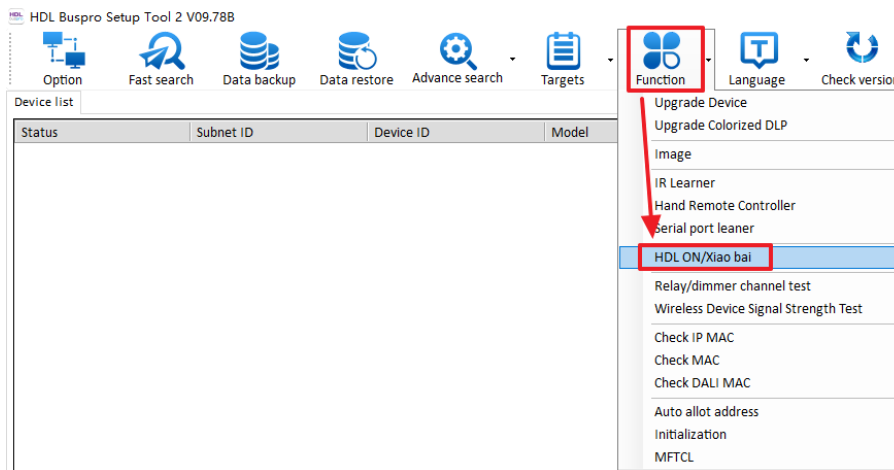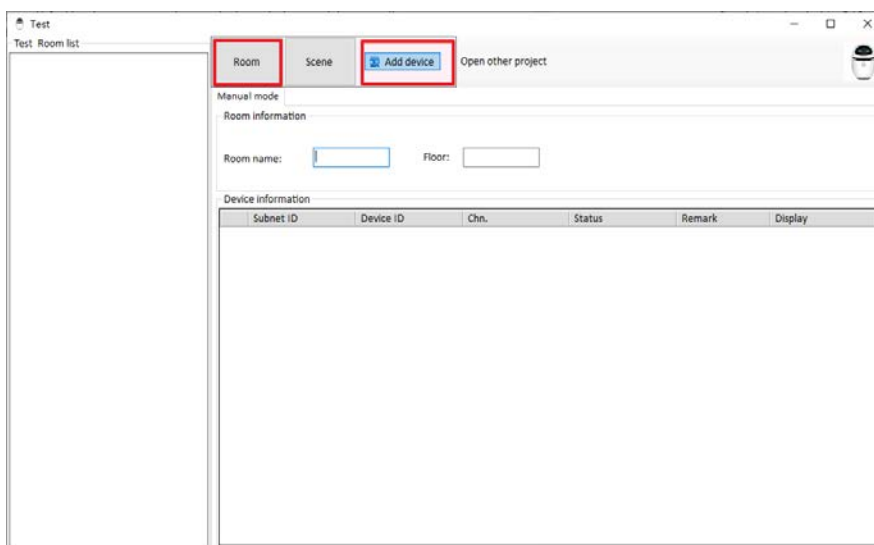

Figure 2-1 Open editing page

Figure 2-2 Editing page

2.1.1   Room Information Management

1. **Add new room**: Click "Room" button to add room, which will be shown on the right afterwards.

2. **Edit room information**: Click the room to be edited in the room list, and its name, floor, etc. can be changed in Room Information column on the right, as shown in Figure 2-3.

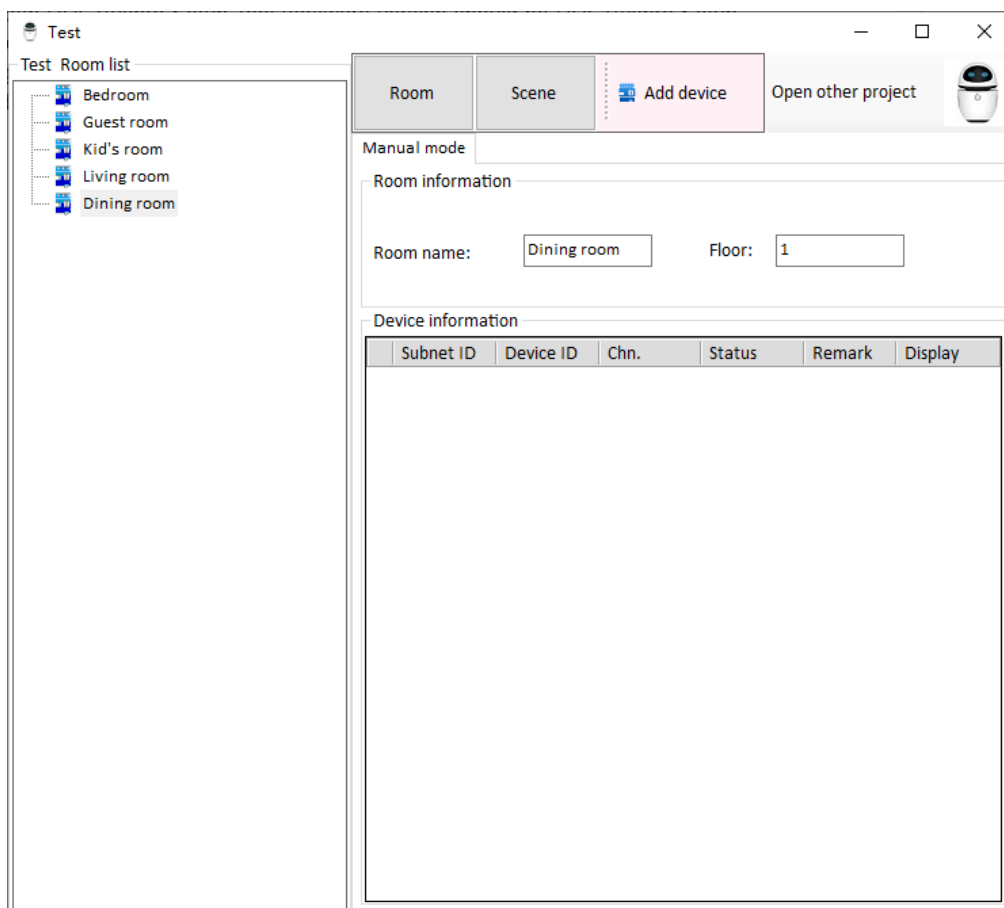**Notice:** If no device has been added to the room, this room won't be shown in room page after data uploaded to S57.

Figure 2-3 Edit room information

2.1.2   Device Information Management

2.1.2.1 Add Device

Click the room to be added device, and click "Add Device" button, then a list of device category will pop up. Select the device in it to add, as shown in Figure 2-4.

The following types can be uploaded to S57 for now:

➢ Curtain: Sub-division "Curtain module", "Roller curtain" and "Retractable curtain" under "Curtain"

➢ Lighting: "Dimmer", "Relay" and "RGB"

➢ Air Conditioner: Sub-division "HVAC" and "Panel AC" under "AC"
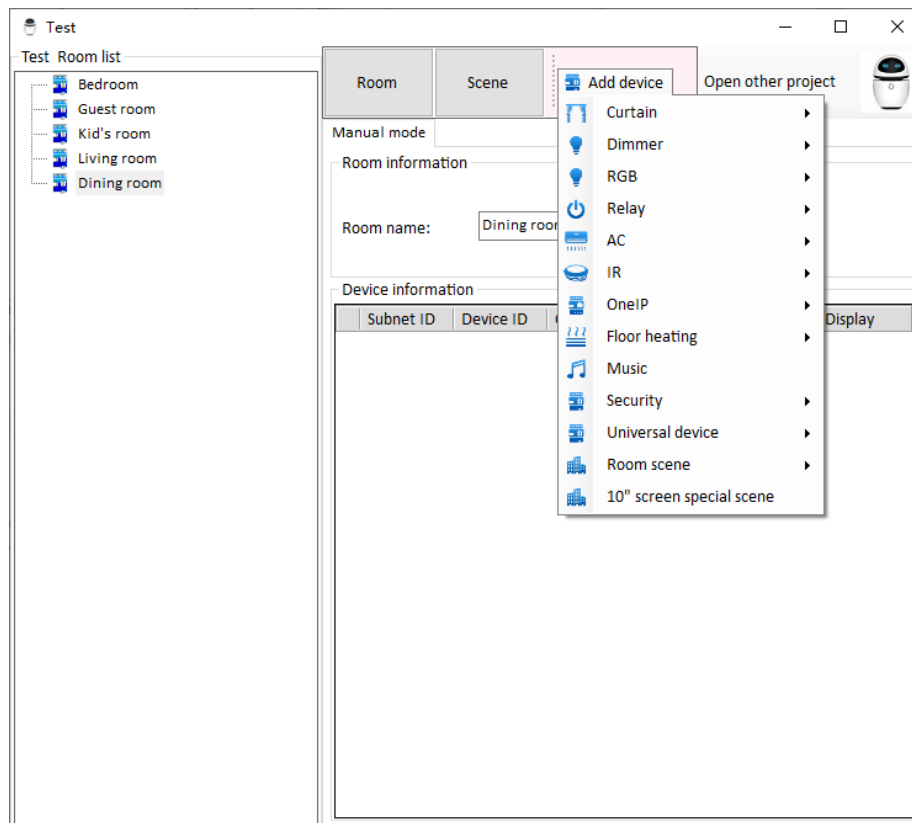
➢ Scene: "Room scene"

Figure 2-4 Add device

2.1.2.2 Edit Device Information

Click on the device in the room list, and edit its information in "Device Information" column, as shown in Figure 2-5.

Note: About "Display"

If enabled, the corresponding data will be uploaded to S57 during data uploading.

If disabled, the corresponding data will NOT be uploaded to S57 during data uploading.

Please refer to "Upload Configuration Data" for data uploading.

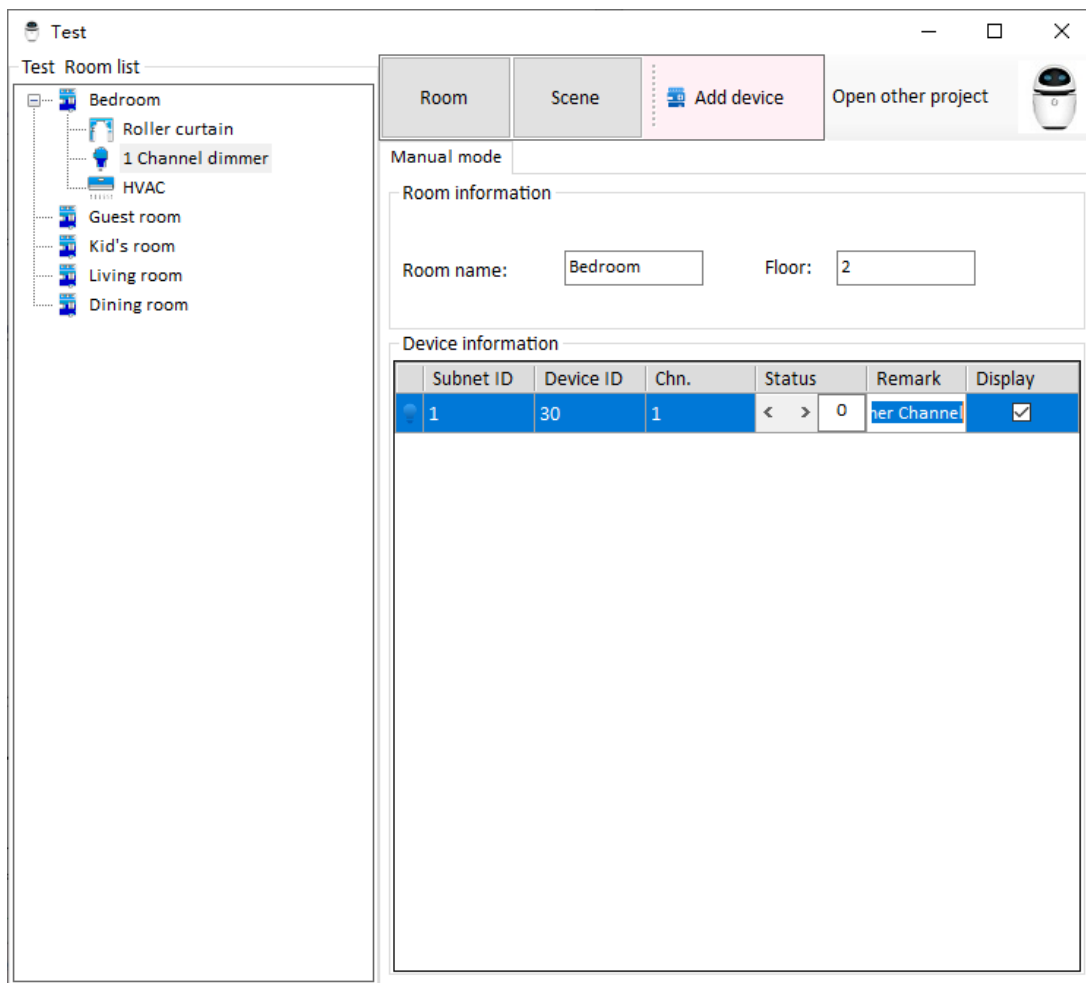**Figure 2-5 Edit device information**

2.1.3   Scene Management

S57 can be used to control scene(s) of a certain room after configuration.

2.1.3.1 Add Scene

Click on the room in the room list, and click "Add device" → "Room scene" to add room scene, as shown in Figure 2-6.

Notice:

Select "Add device" → "Room scene", as shown in Figure 2-6, to add new scene, instead of selecting Scene button on the main configuration page.
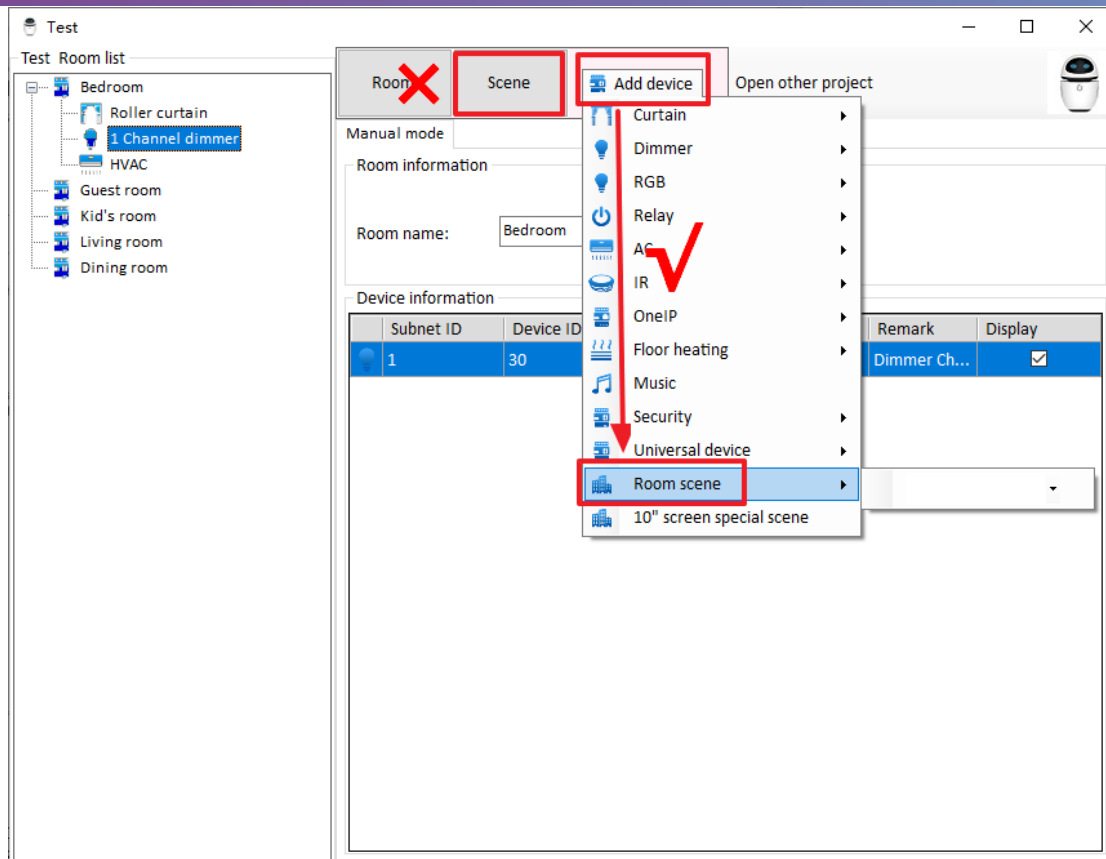
Figure 2-6 Add scene

2.1.3.2 Edit Scene

Click the scene in the room list to edit its name, add related devices to the scene in "Scene Setting", as shown in Figure 2-7. Click "Save" to save the data.

Notice:

① For now, the device types supported by the scenes of S57 are: all the types EXCEPT "GPRS Control", "Security Module" and "Music Control".

② One scene button is only applicable to either activate or deactivate the scene. So, if the user wants to switch on/off the scene, two buttons should be configured: one for activation, and the other for deactivation.

For example, "Bright Mode" is to turn on all the lights and open all the curtains in the room. Then "Bright Mode on" is configured to turn on all the lights and open all the curtains in the room, while "Bright Mode off" is configured to turn off all the lights and close all the curtains.
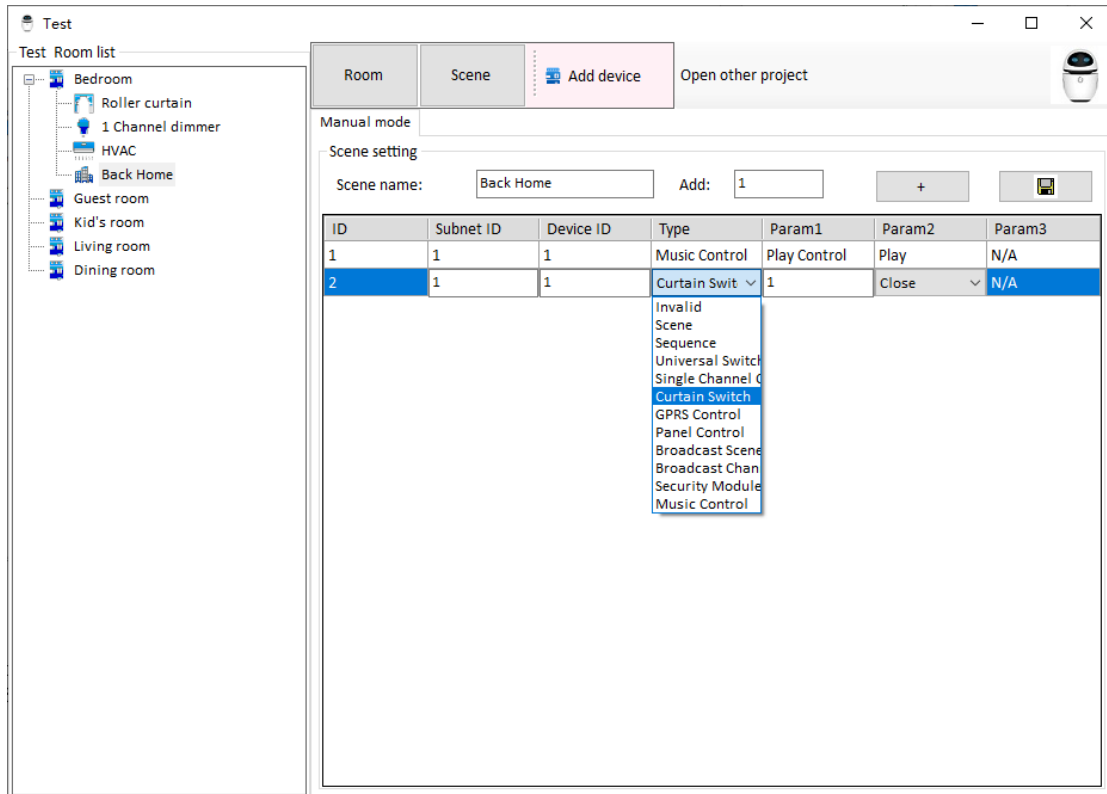
Figure 2-7 Edit scene

2.2 Upload Configuration Data

1. After configuration is finished in Buspro Setup Tool 2, and make sure that the PC on which runs Buspro Setup Tool 2 is in the same IP segment of S57, click on the robot button on the top right side of the window to open upload configuration window, as shown in Figure 2-8.
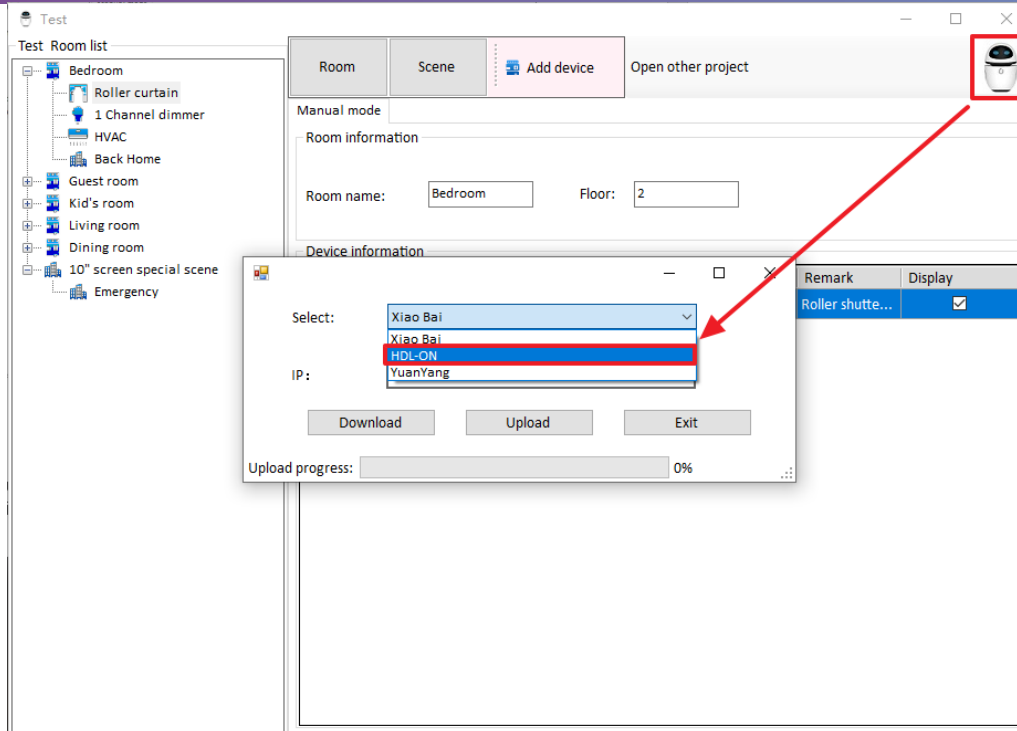
Figure 2-8 Upload data configuration window

2. The items in the configuration window should be set as follows:

"Select": Select "HDL-ON".

IP: Enter the IP of S57, which can be found in "Setting" → "Network" → "More" → "Ethernet" → "IP address", as shown in Figure 2-9.
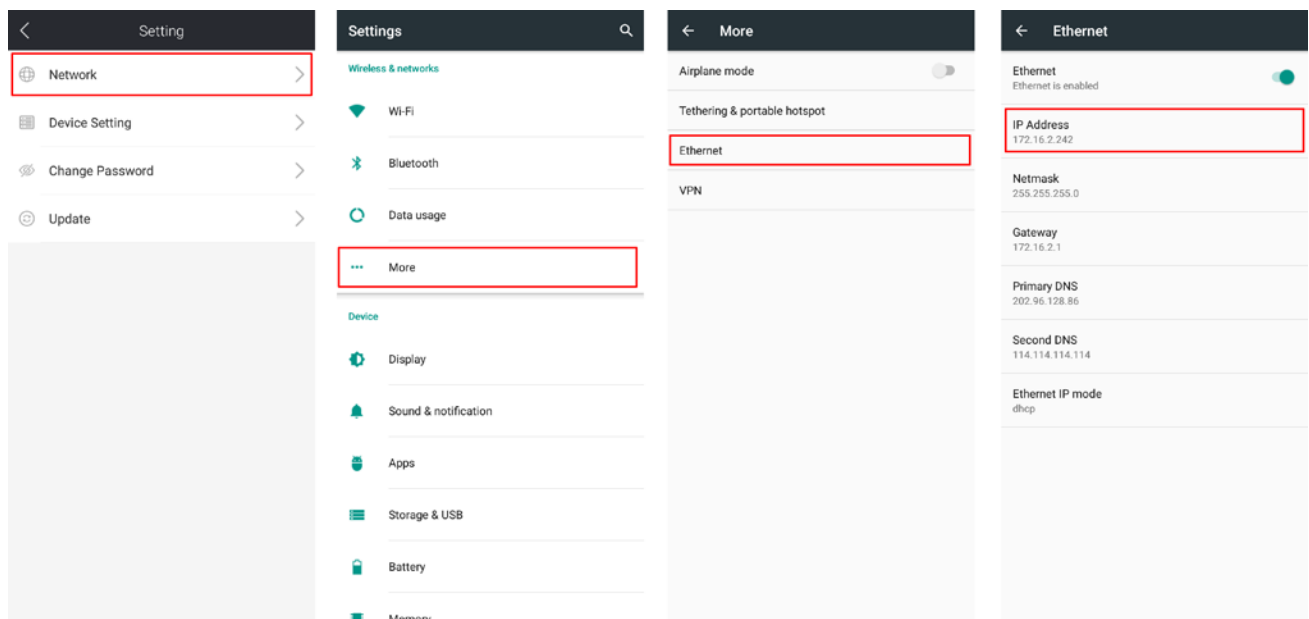

Figure 2-9 View device IP

3. Click "Upload" button, and when "Upload progress" reaches 100%, the upload process is completed.

4. After data uploading, S57 won't refresh the data at once. Click "Return" button (Mark ① in Figure 2-10) to quit Wallapp and click main button (Mark ② in Figure 2-10) to enter Wallapp to refresh the data.
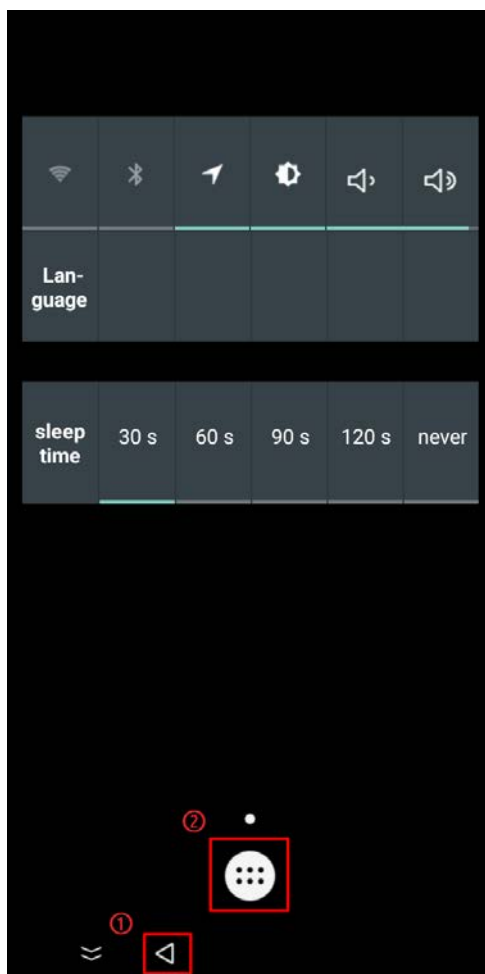

Figure 2-10 Return and Main button

3 Device Setting

This chapter offers the information about the setting done on S57.

Click "Setting" button on the top right side of the main page and enter password (Default password is 123456, which can be changed in "Change Password") to open setting window, as shown in Figure 3-1.
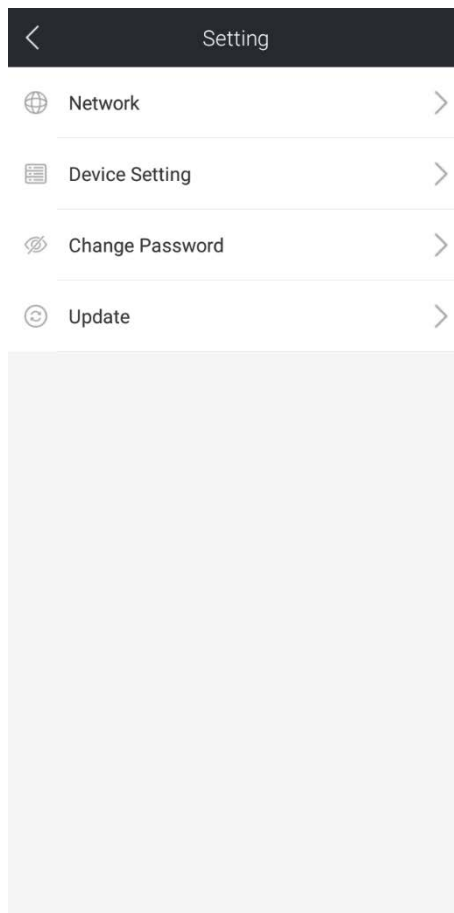

Figure 3-1 System setting

3.1 Network Setting (Static IP Setting)

Click "Network Setting" to enter system setting page.

Click "WLAN" to connect S57 to Wi-Fi.

As shown in Figure 3-2, Click "More" → "Ethernet" → "Ethernet IP Mode" → "Static". Enter the IP of S57 in "IP address", and enter other items based on the reality.
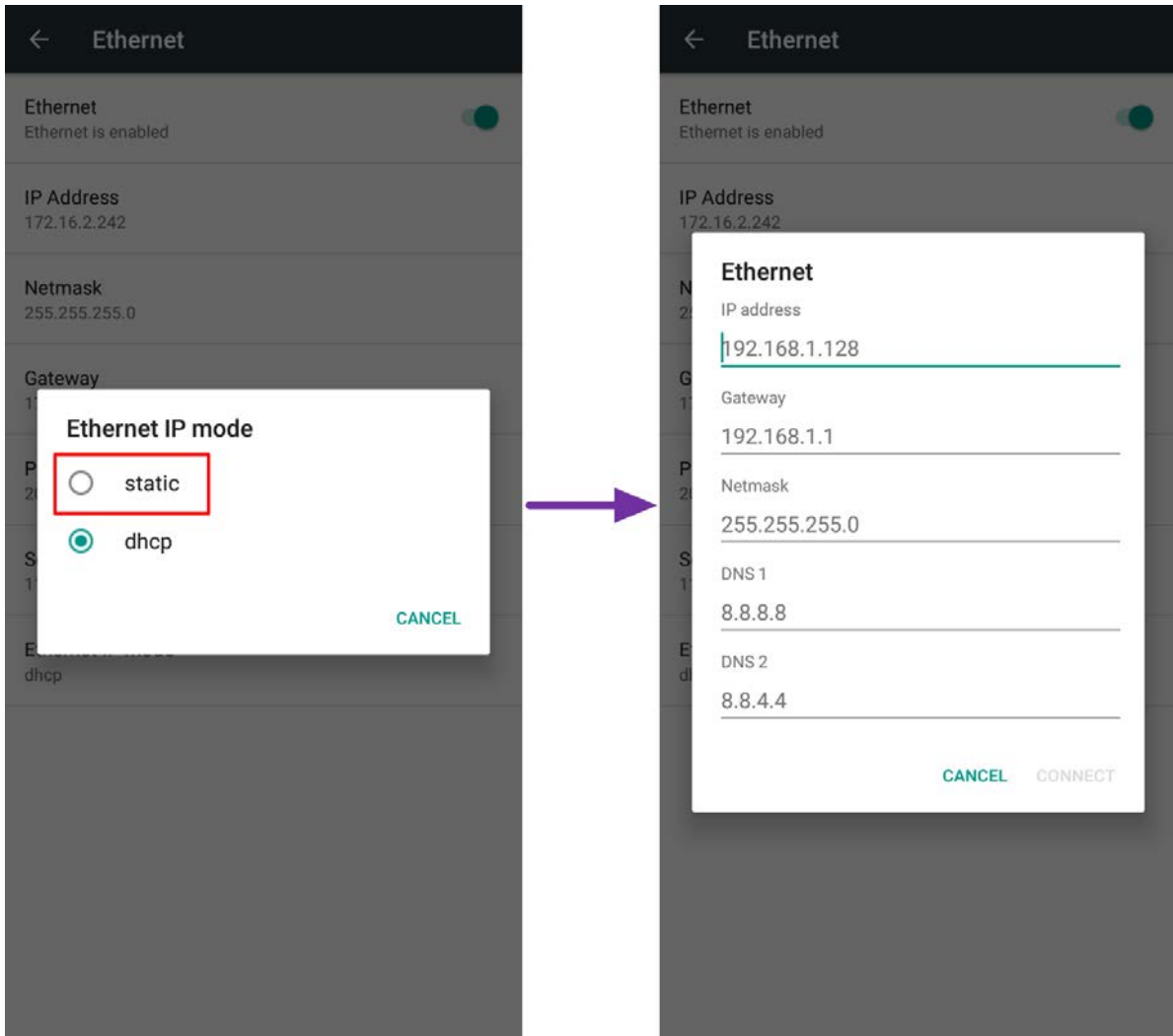
Figure 3-2 Static IP setting

3.2 Device Setting

Figure 3-3 shows the Device Setting page of S57, which includes:

➢ **Subnet ID and Device ID**

Enter the Subnet ID and Device ID of this S57, which should be kept default under common circumstances.

➢ **Brightness**

If "Auto" is enabled, S57 will adjust its screen brightness according to the environment brightness automatically.

If "Auto" is disabled, user may adjust the screen brightness with the slider below.

➢ **Media Volume**

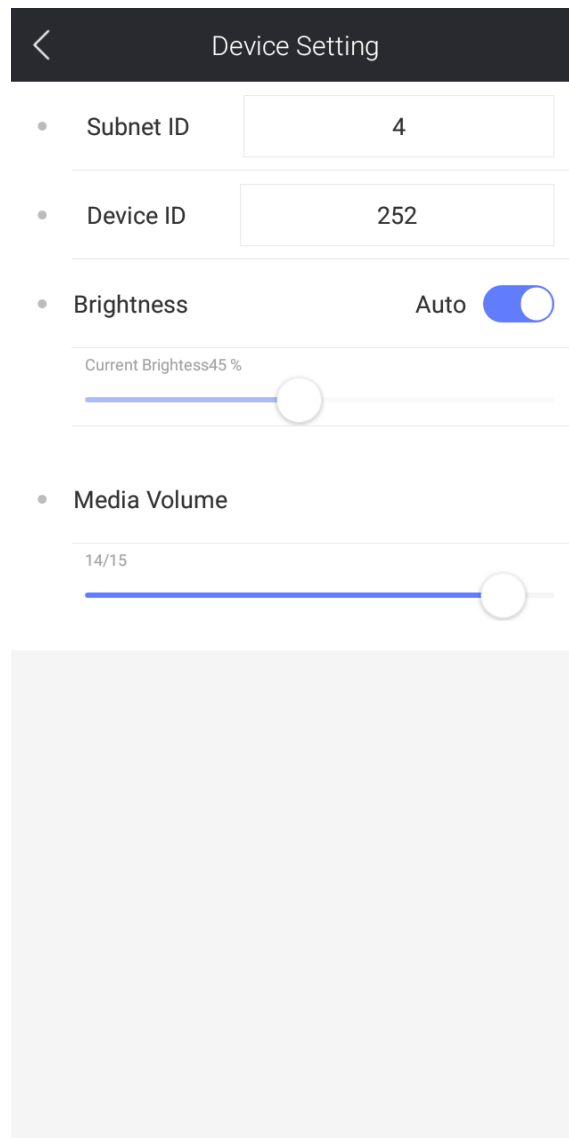Adjust the media volume of S57 with the slider below.

Figure 3-3 Device setting

3.3   Change Password

The "Password" mentioned here refers to the password to enter "Setting" page, which is 123456 by default. Click "Change Password" to enter the new password and confirm password directly as the original password is entered when enter "Setting" page.

3.4 Software Update

Click "Update" in "Setting" page to view current software version, as shown in Figure 3-4.

Click "Check for update" to check if there's available update, and choose whether to update if update is available.
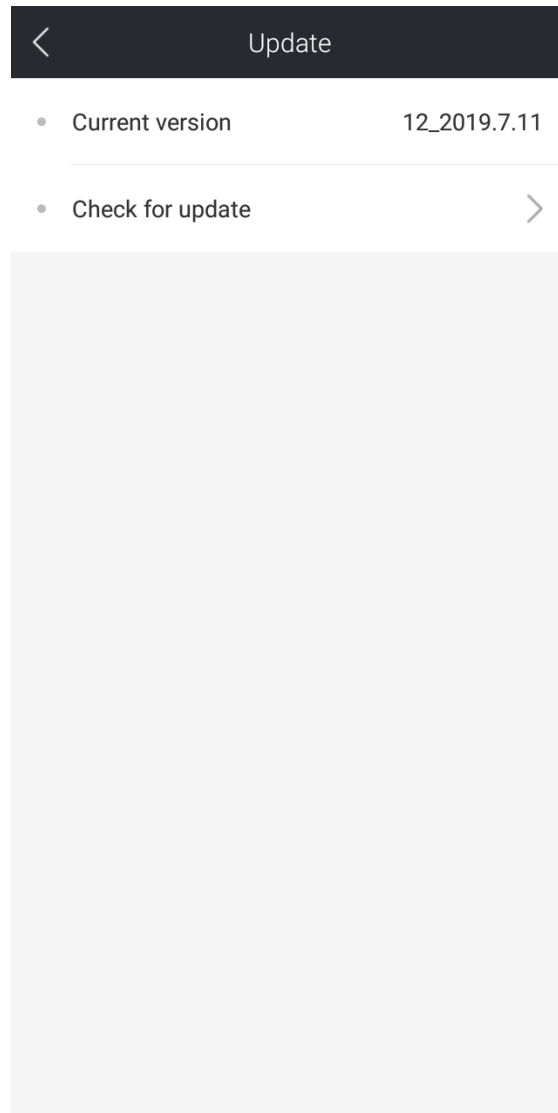

Figure 3-4 Software update

4 Operation

4.1 Interface

S57 has 2 types of pages: main page and control page, and user can swipe left/right to switch between the pages.

➢ Main Page

As shown in Figure 4-1, main page shows the scene, light and curtain button(s) that have been added to favorites.

➢ Control Page

As shown in Figure 4-2, control page shows the room and the device(s)/scene(s) bound to it.

Select the room from the room list on the top right side of the screen. Click on the room to view and control its scene/device.

Click the main page button on the top left side of the screen or swipe right to return to main page.
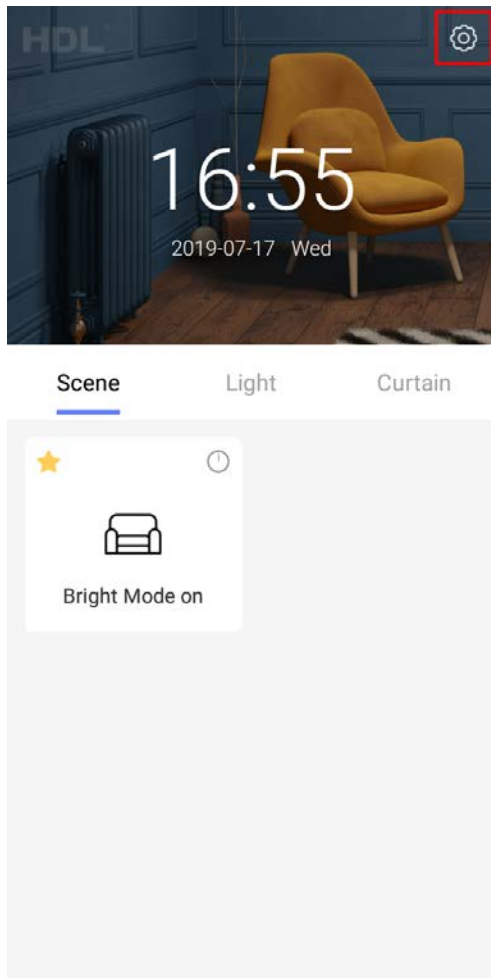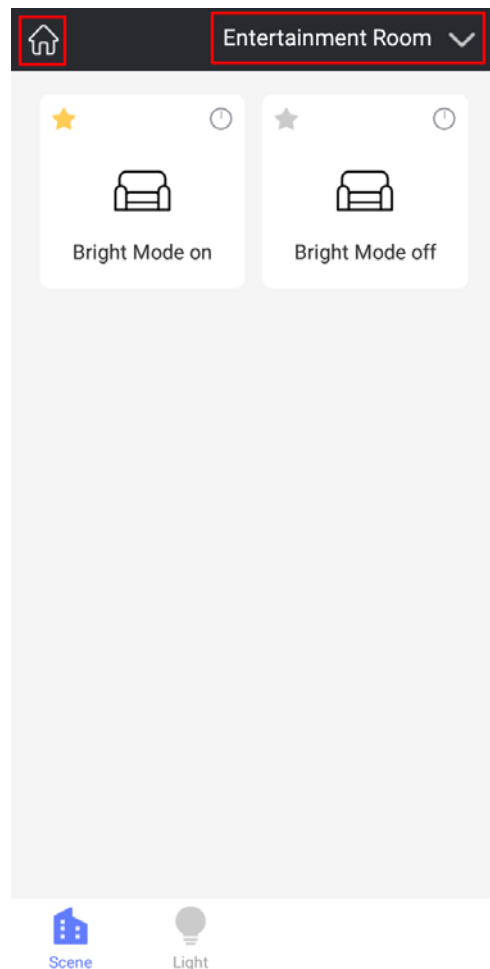
Figure 4-1 Main page

Figure 4-2 Control page

4.2 Lighting Control

Select the "Light" tab at the bottom of device page to view all the lights in the room. Click the light button to turn on/off the corresponding light.

① If "Relay" is selected during configuration, only the turning on/off of the relay can be controlled.

② If "Dimmer" or "RGB" is selected during configuration, click "..." on the top right side of the button to adjust the dimmer, as shown in Figure 4-3:

➢ **RGB Light Color (only available for "RGB")**: user may select the RGB color from the color disc to adjust the real-time RGB color.

➢ **Brightness**: when the light is turned on, user may adjust the light brightness with the slider.

➢ **Fade-in/out Time**: to set the fade-in/out time of the light.

Click anywhere outside the configuration window to save changes, or click the quit button on the top right side of the window to cancel.
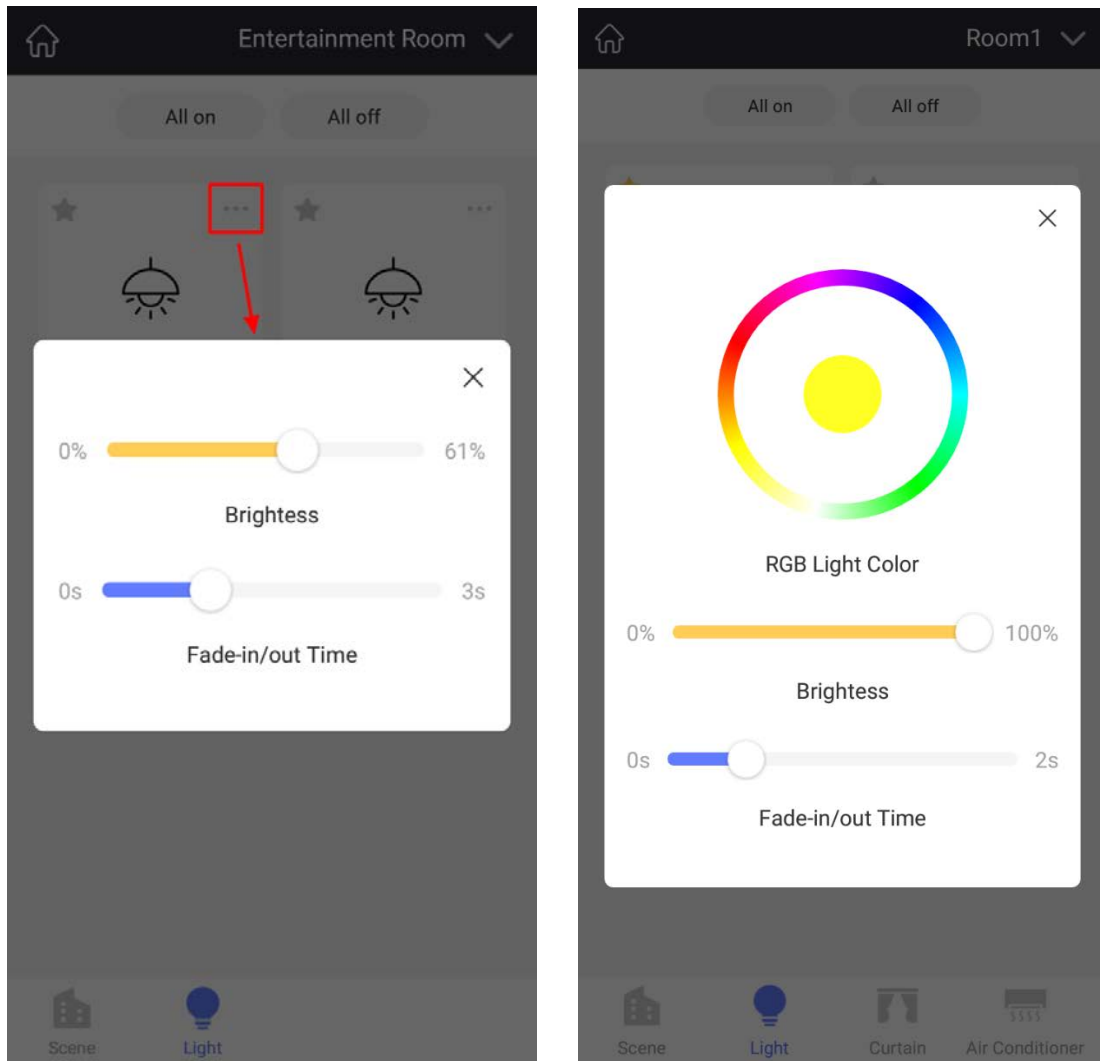

Figure 4-3 Dimmer/RGB setting

4.3 Curtain Control

Select the "Curtain" tab at the bottom of device page to view all the curtains in the room, as shown in Figure 4-4. Click the button to control the curtain (open, close, stop), or touch the curtain to undertake percentage control.

Notice:

For now, percentage control is only available for "Retractable curtain" or "Roller curtain", and "Curtain module" can only be controlled through the buttons.
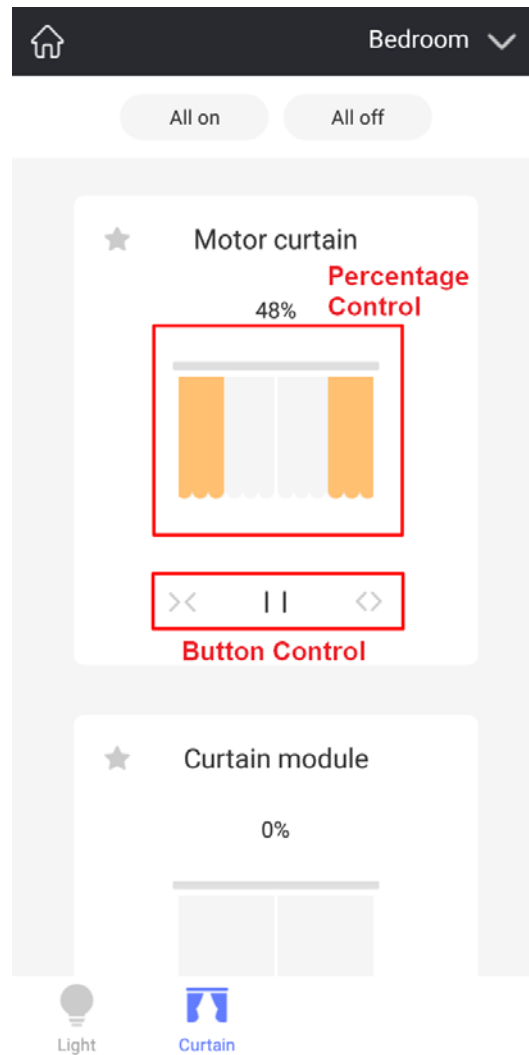
Figure 4-4 Curtain control

4.4   Air Conditioner Control

Select the "Air Conditioner" tab at the bottom of device page to view all the air conditioners in the room, as shown in Figure 4-5. Click the button to control the air conditioner, including switch on/off, temperature adjustment, mode selection and fan speed control.

Notice:

Temperature adjustment is available only after the AC is turned on, which means user is not able to turn on the AC directly through temperature adjustment if the AC is in off status.
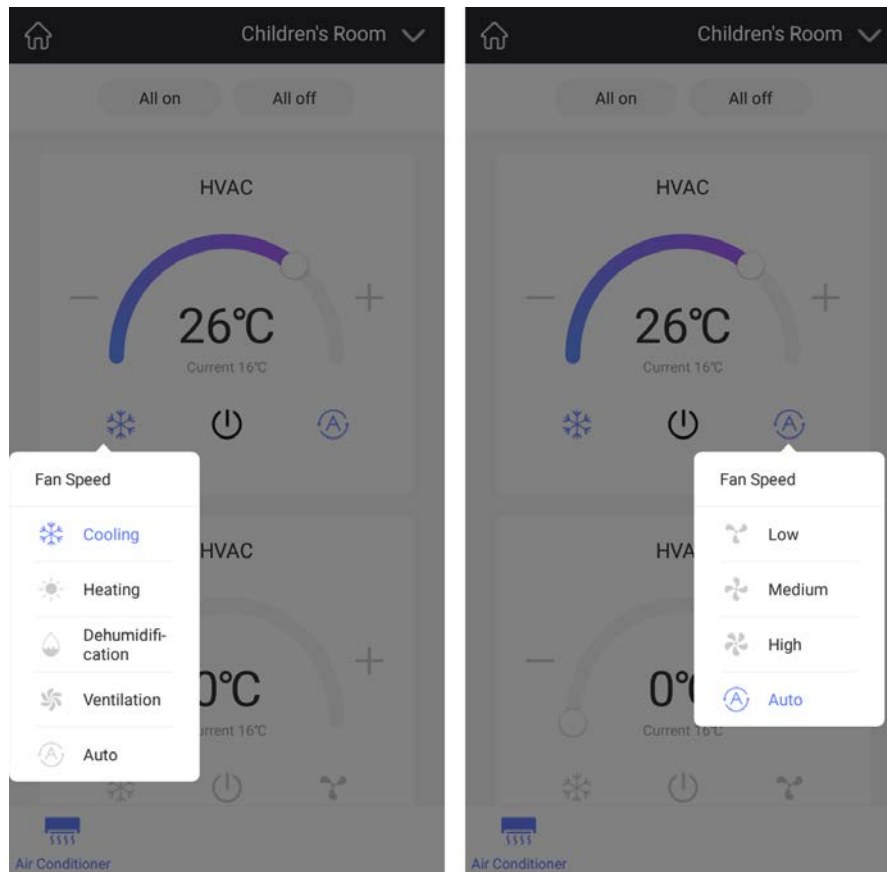
Figure 4-5 Air conditioner control

4.5 Scene Control

After editing in Buspro Setup Tool 2 and uploading scene data to S57, scene button can be seen in room page. Click the button to send scene data, please refer to "Scene Management" for scene configuration.

As shown in Figure 4-6, click the delay time setting button on the top right side of the scene button to open delay time configuration window and select delay time. Click anywhere outside the delay time configuration window to save changes, or click the quit button on the top right side of the window to cancel. After saving, the delay time setting button will turn on.

If delay time is set, the scene may be activated after the delay time.
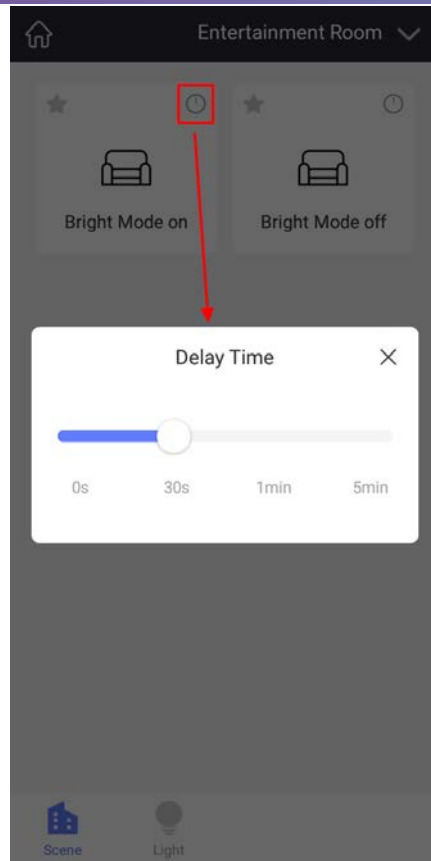
Figure 4-6 Scene delay time setting

4.6   Add Button to Favorites/Remove Button from Favorites

Users can add the frequently used button to favorites, in order to control the button in main page directly.

Click the white star button on the top left side of the scene/light/curtain button in control page to add the button to favorite, and the star will turn to yellow afterwards, as shown in Figure 4-7. Click the star again to remove the button from favorites.
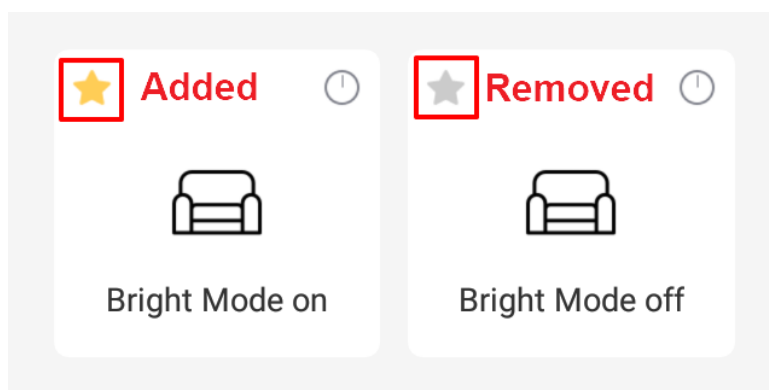

Figure 4-7 Add button to Favorites/remove button from Favorites