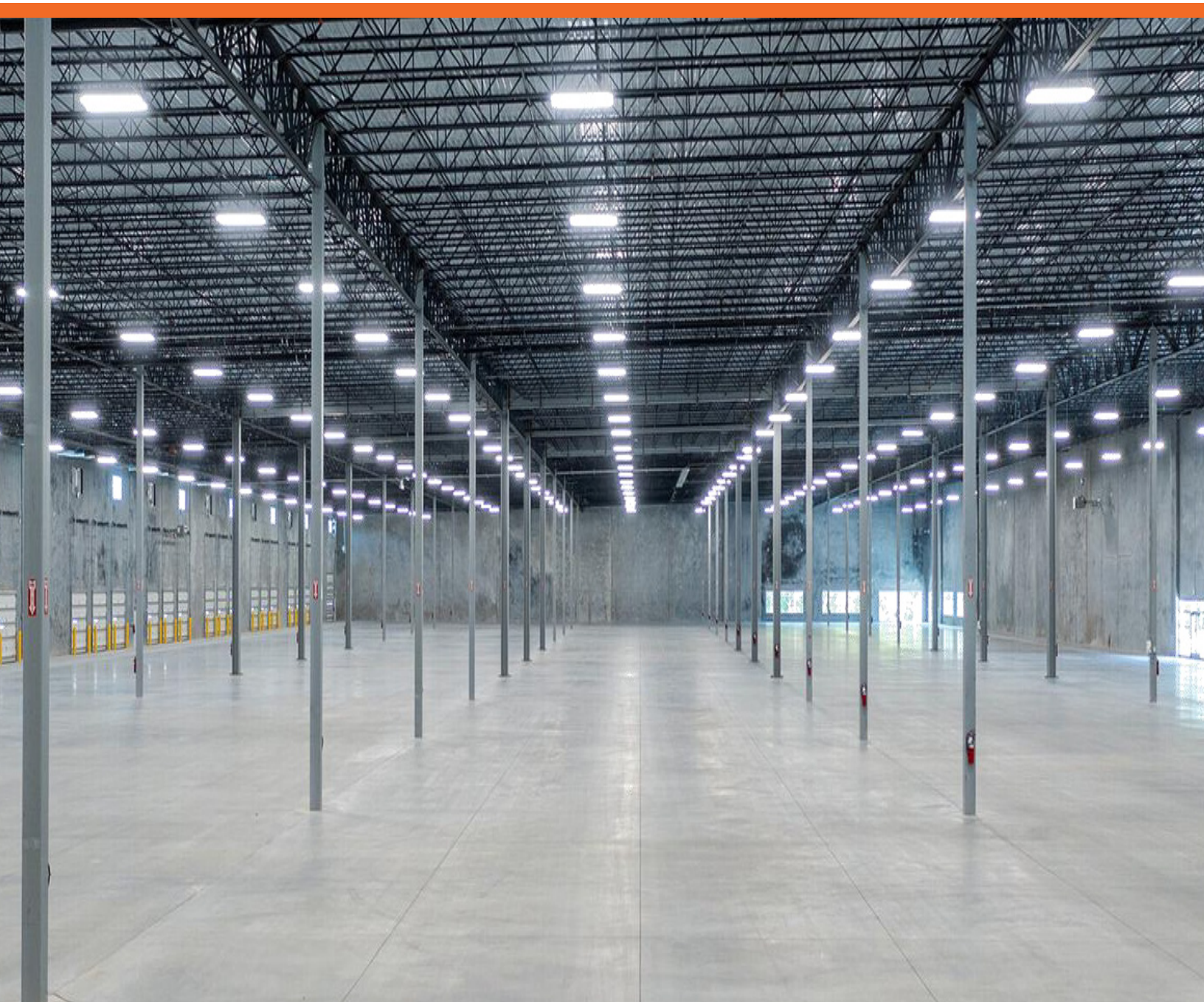


User Instructions CCT Tunable Device



USER MANUAL

1. Introduction

EnvisionLED Network Lighting Control EnvisionLS can address luminaires individually or in groups, utilizing Bluetooth® Low Energy Mesh 4.2 & 5.0 protocols. This state-of-the-art wireless control system is operated using the EnvisionLS APP in conjunction with various sensors, wall switches, power packs, and controller nodes. The system components are easily commissioned using the EnvisionLS APP on a mobile device, without requiring a gateway. The mesh network enables wireless communication up to 100 feet or more between devices, and commissioning does not require any internet access.

The EnvisionLS APP employs data encryption to ensure mesh network security. The configuration settings for each device are stored in encrypted QR codes and each network device cannot be accessed without the QR code. The EnvisionLS platform is also one of the systems listed to DLC's Networked Lighting Controls (NLC5).

Luminaire level lighting control refers to a type of lighting control system where each individual light fixture is equipped with its own control device or integrated control system, allowing for independent control and management of each fixture. LLC luminaires can detect human movements, ambient light level, and automatically turn on/off or dim the lights to provide comfort, safety, and energy savings.

1. Do not use more than one mobile device during the commissioning process.

- Using multiple mobile devices may cause unexpected results such as data corruption, duplicate light addresses, etc.

2. Ensure commissioning data has been synchronized to the cloud before sharing QR code.

Access rights to the zone can be shared to other users by sharing the QR code. Before sharing the QR code, please make sure the zone data has been uploaded to the cloud (requires internet connection). When uploading/downloading the data, it must have a good internet connection to save/update the commissioning data to the corresponding QR code. You may share the QR code to other users immediately after commissioning is completed. DO NOT share the QR code to others before you successfully sync the data

3. Before adding the sensors, better to have a plan for the project.

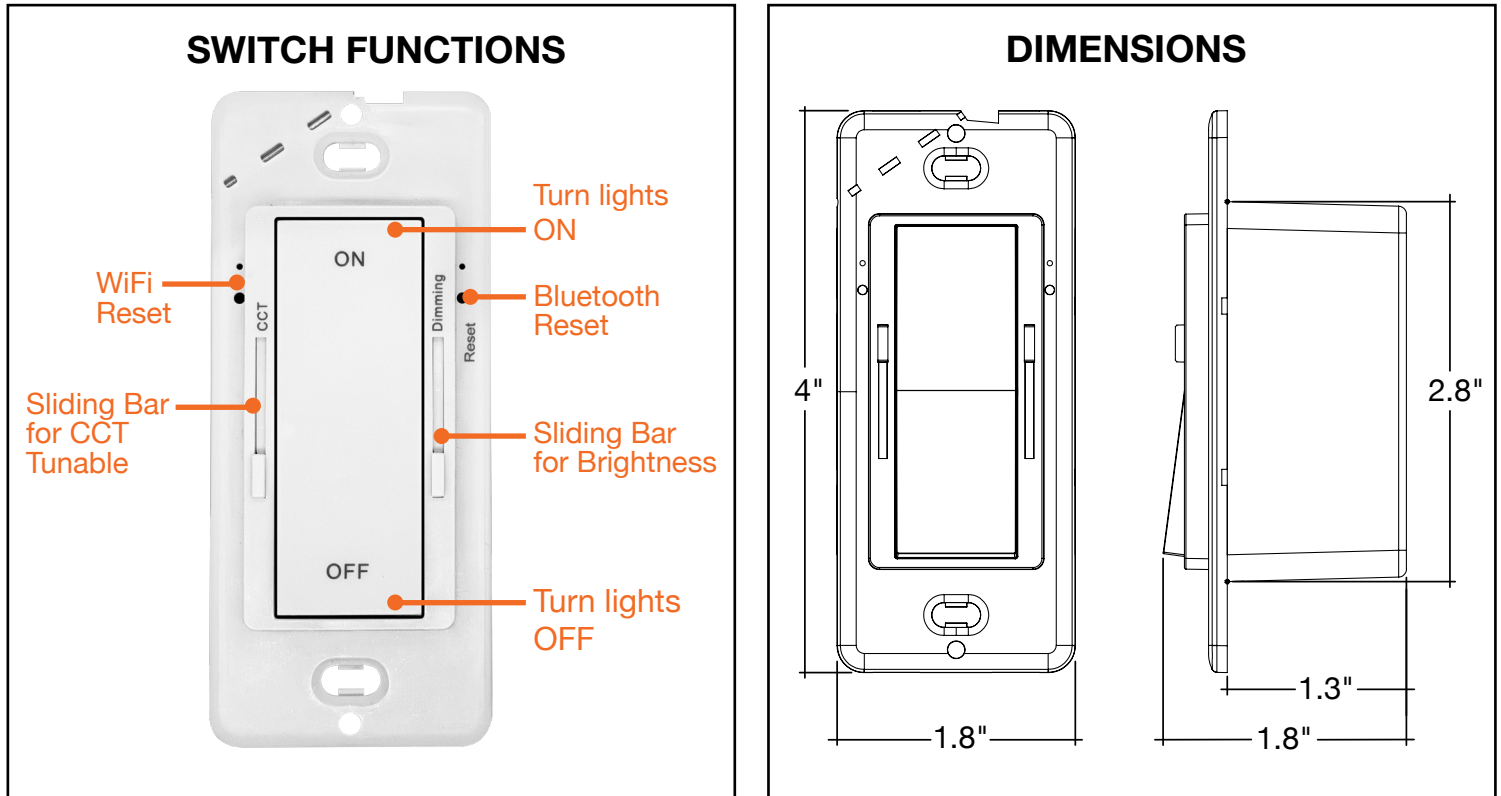
When adding devices, it is suggested to add the nearest 5-10 pcs. devices via engineering adding mode. Then name the devices accordingly via positioning function. It will be much easier and quicker to add all devices you need.

4. Save and Name the Zone QR code to the project file on your computer.



INTRODUCTION

S-WS-DIM-TUN-UNV-BT is a fixture controller which can make your fixture CCT tunable without DIP switches. You can use the wall switches to control the fixtures instead of using the APP on the phone.



FEATURES

Localized Microprocessor Control: The S-WS-DIM-TUN-UNV-BT switch is a fully-fledged computing and communications device. The control communicates with EnVision Smart Sensors and Controllers wirelessly, enabling the sensor to make local decisions regardless of the icloud network status.

PROGRAMMABLE

The CCT Tunable & Brightness slider to change the desired adjustment.

SIMPLE & LOW-COST INSTALLATION

The S-WS-DIM-TUN-UNV-BT switch requires external power. The switch can be installed directly over existing junction boxes.

NETWORKING & SECURITY

The 802.15.4 compatible radio transmits radio messages in the 2.4GHz band while avoiding interference with any Wi-Fi or other networks. All messages are AES-128 encrypted to provide network security.

MINIMAL AIR TIME

The switch transmits its messages in short bursts to EnvisionLED sensors, utilizing very little of the channel capacity and minimizing interference with other network traffic.

STEP BY STEP GUIDE TO INSTALLING

Step 1: Find a area for your switch

You need a junction box, with 120-277 VAC power, to cover a traditional light switch. The best location to install the switch is near an entrance or seating area.

Step 2: MOUNT WITH SCREWS

Disconnect the power, connect the switch to the 120-277VAC wire, then secure the switch to the existing junction box (with screws).

Step 3: FACTORY RESET THE SWITCH AND PAIR YOUR DIMMER SWITCH WITH YOUR LIGHTS

The Bluetooth device can be restored to factory settings by pressing the “Bluetooth Reset button” with a pin for about 5 seconds. During this process, the red indicator will blink three times at an interval of 0.5 seconds.

After the device restarts, the indicator will blink at a slow rate (once every 1 second) for 60 seconds until the device enters network distribution mode. If no operation is performed, the device will transition into a low-power state. Once connected to the network, the device will enter a low-power working state.

Step 4: THE DISTRIBUTION NETWORK OF THE GATEWAY

Press the “Wifi Reset Button: with a pin for 5 seconds. The red indicator blinks once. The serial port sends the network distribution command FB 00 14 00 EF 55 to the gateway, and the gateway device is in the state to be distributed.

TECHNICAL SPECIFICATIONS

Function: Bluetooth dimmer and CCT wall switch

Actuation: Rated for 50,000 actuations

Power: 120-277 VAC, 60Hz

Max fixtures per control: 100

Interoperability: GEBC sensors and gateways

Operating Temp: 32° to 122° F

Enclosure: Recyclable PC

Wireless Standards: IEEE 802.15.4

Radio Frequency: 2400-2483.5 MHz

Wireless Range: 60 ft. (18m) Radius open range

Encryption: AES-128

2. 1ST Steps

2.1 Download App

To download EnVisionLS App
Scan the QR code below

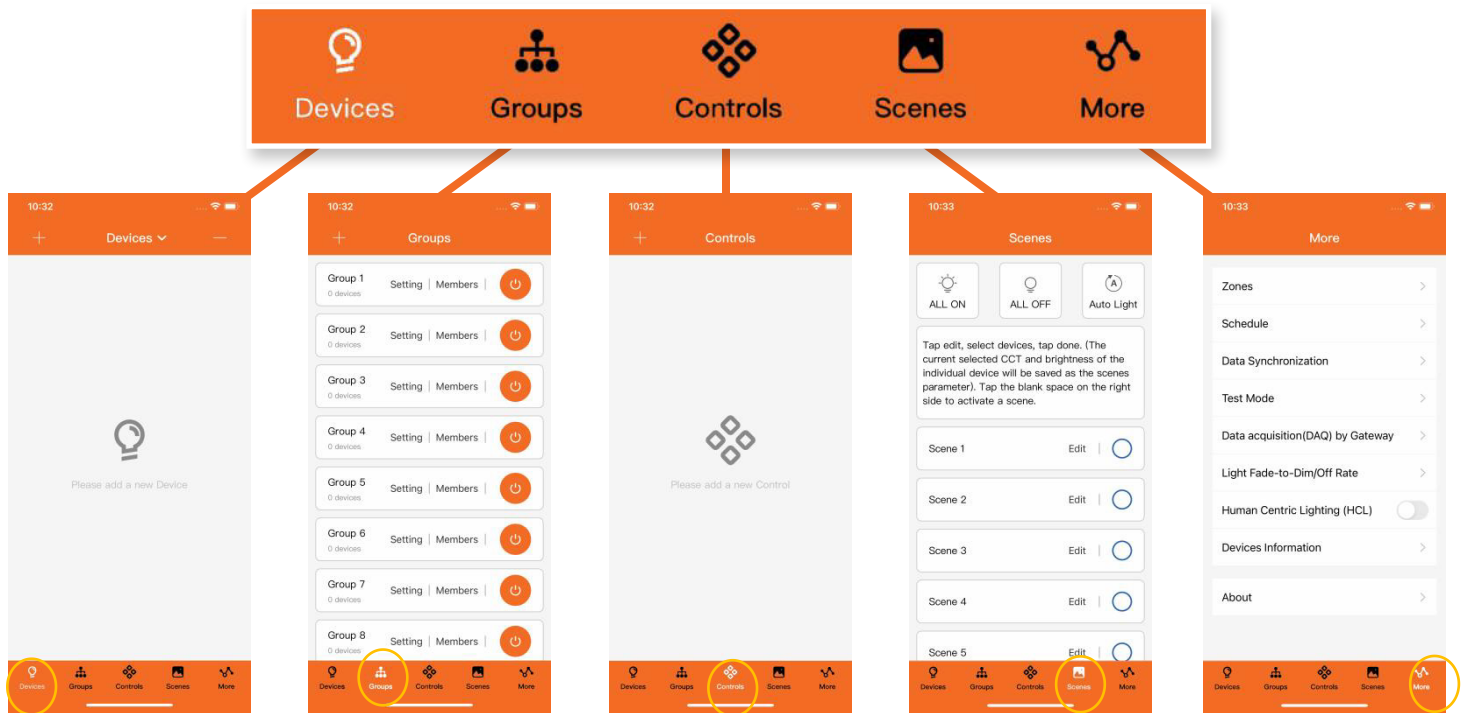


The APP supports most Apple/Android smart phones. Some phone models may not be supported due to issues with the phone's hardware or firmware. The APP requires access to the network and Bluetooth, so please approve access requests from the APP. The APP will not collect user's private data. Accept the prompt to allow access to photos for QR codes to be automatically saved in your album.

EnvisionLED will update the APP when there are new features or bug fixes. Please enable the auto update of the APP so that new version of the APP will be pushed to your mobile phone.

2.2 APP Navigation

EnvisionLS APP has five tab pages which you can move between to provide easy control of your lights. They are located in the bottom menu bar of the screen.



DEVICES

“Devices” shows all fixture sensors that are connected to the app. It allows the user to view and control individual lights.

GROUPS

“Groups” allows users to set parameters of the devices at the same time. There are 16 groups per Zone.

CONTROLS

“Controls” shows all the gateways, switches and other EnvisionLS BLE devices (except the sensors) those are connected to the app.

SCENES

“Scenes” allows users to manage the scene according to their needs. There are 16 scenes per Zone.

MORE

“More” allows the user to view Zones, Schedule and Devices information, and other additional functions.



Light Icons

Every light connected to the APP will be listed on the devices page. Each light can display different icons to indicate the state of the device:

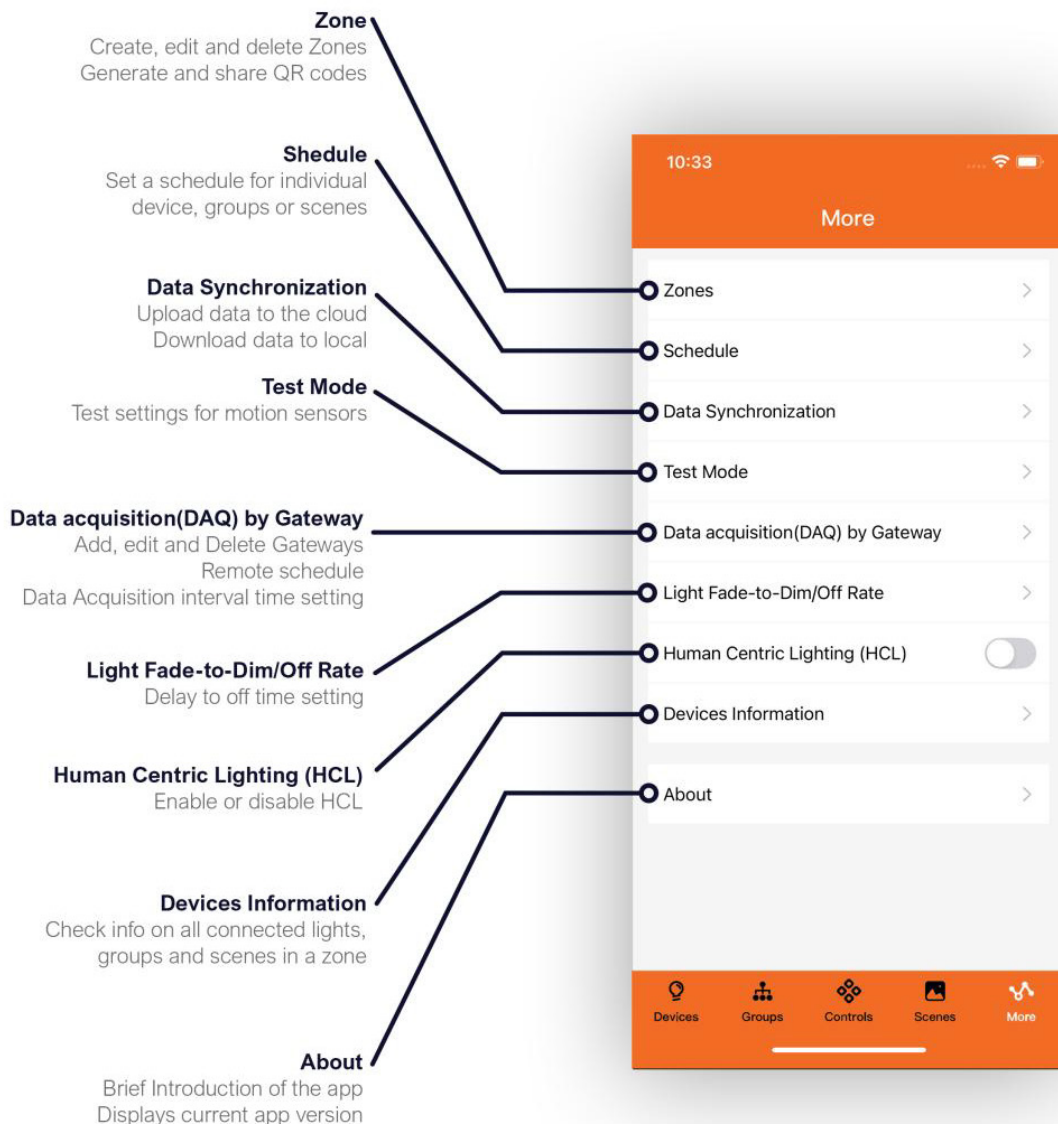
OFF - Light output is off

ON - Light output is on

Offline - Device is most likely either not getting power or is out of range of the mesh network.

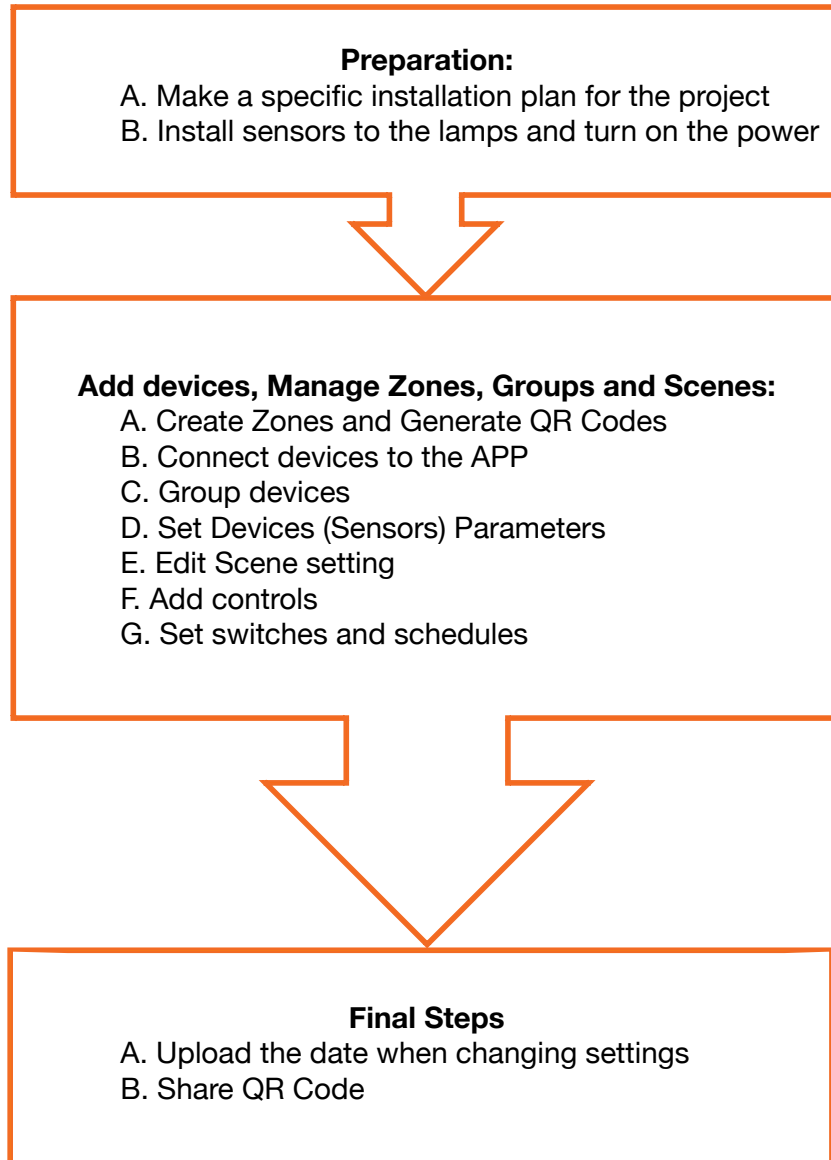
Tunable Device - This is the light which the phone/tablet is using to connect to the mesh network.

All Lights - A default full system on/off switch, toggles all lights in the region between auto-on and manual-off.



3. Commissioning

The following commissioning procedure is recommended



3.1 Preperation

For each project site, it is recommended to prepare a design script in advance, which includes the following content:

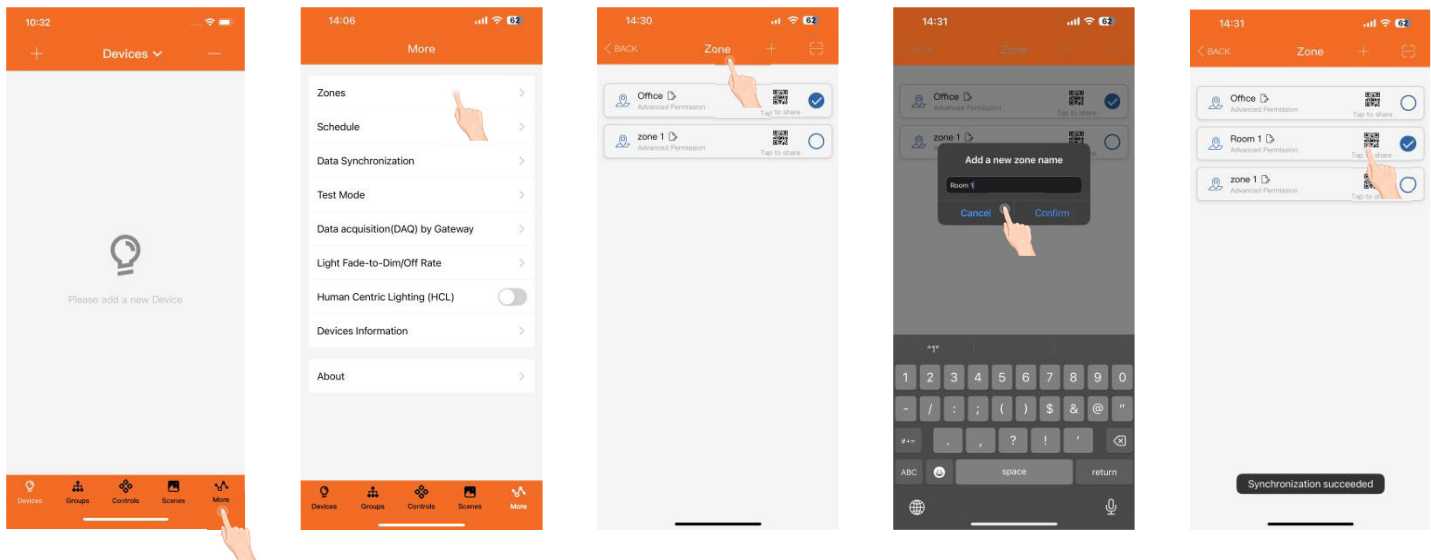
1. Site plan, description of the actual functional purposes of each area
2. Model No., quantity, parameters, and location description of lamps
3. The division of zones is recommended based on real functional purposes, and the real number of lamps and switches in a single zone should not exceed 100. There should be no objects (such as solid walls, large metal objects, etc.) that hinder wireless signal transmission in the area, and the length, width, and area should not exceed the wireless coverage range (usually the length, width, and area of the building should not exceed 164 feet, and the area should not exceed 3280 feet)
4. For each zone, plan the number and name of groups needed, the number and name of lamps scenes, and the approximate lamps scheme for each scene
5. Plan the number and model of devices required for each zone

3.2 Create Zones, Add Sensors, Manage Groups and Scenes

3.2.1 Zones

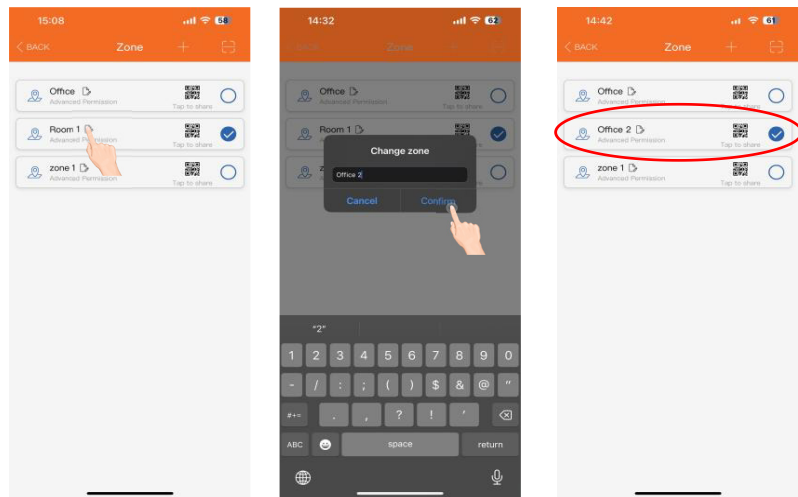
It is recommended to create QR codes for all zones and pre-define all groups, scenes, and their names prior to commissioning in order to reduce work on site. A QR code represents a zone and all of the lights, switches, and other devices in that zone. For more information on scanning, creating, and sharing QR Codes, see the QR Code chapter, on page 18.

3.2.2 Creating Zones



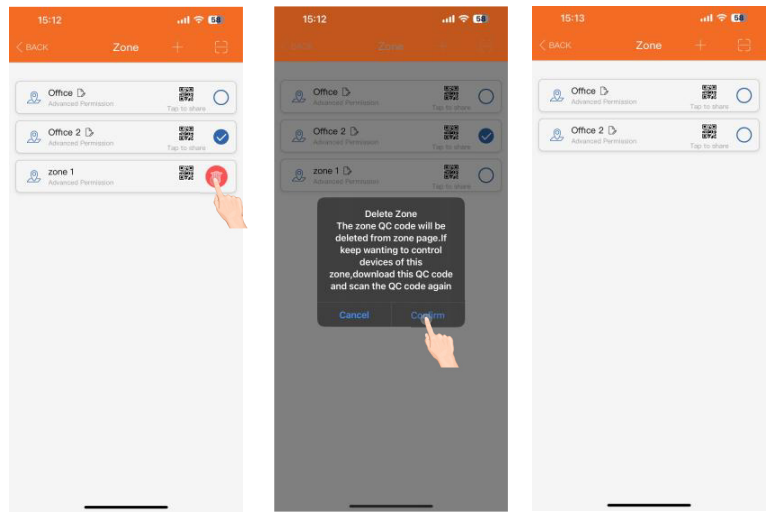
1. Open EnVisionLS APP. Click “More”
2. Click “Zones”
3. Click “+” to create new zones
4. Type the name, and click “Confirm”
5. All zones can be found in the “Zones” list and you can tap to share and you can switch between them by clicking the circle

3.2.3 Renaming Zones



1. On the “Zones” page, press the edit button located to the right of the zone name
2. Enter preferred zone as PR

3.2.4 Deleting Zones



1. Select the Zone to delete and long press the zone and the delete button will appear on the right.
2. Press the red delete button that appears.
3. Confirm by pressing “Confirm”

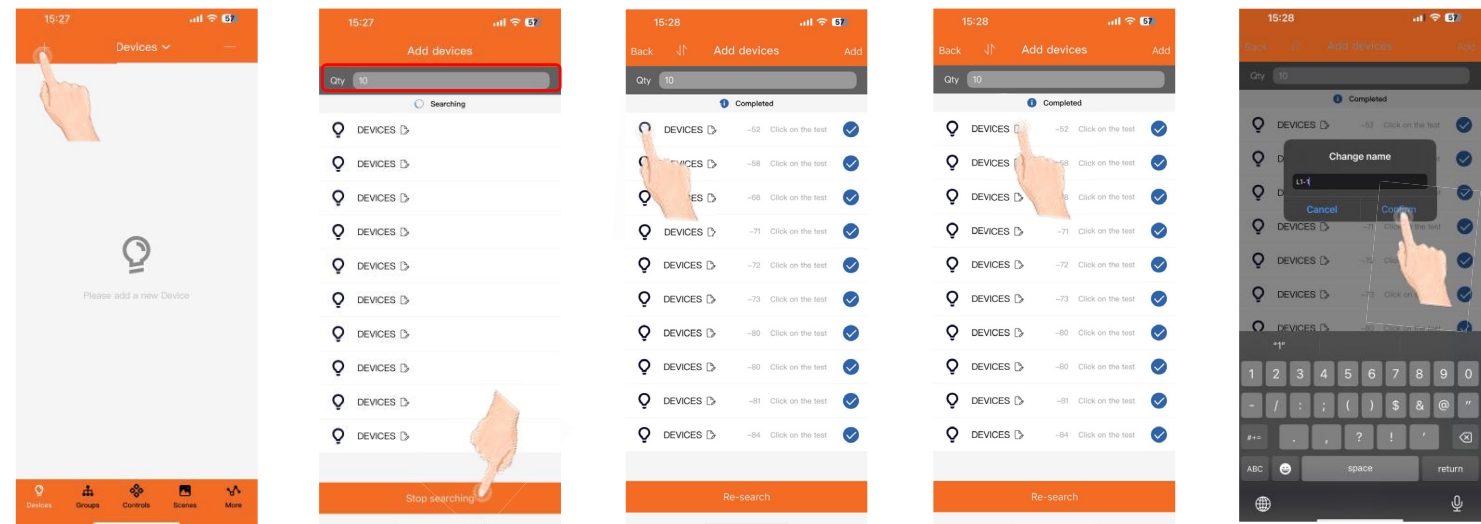
Note: User cannot delete the zone in which they are currently active.

3.2.5 Devices

The Devices page is the first page you’ll see upon opening the APP. It is the primary page for controlling individual lights. Add devices by zone, and do not turn on more than 100 lights at the same time. To prevent wireless communication interference, turn off lights by power source that are not in the current zone.

3.2.6 Adding devices to the APP

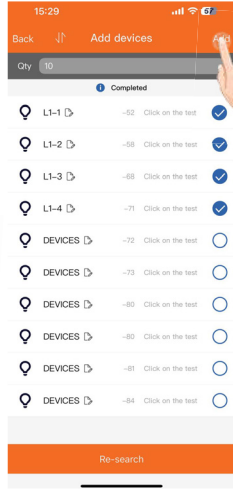
Two ways of adding, engineering add mode and quick add mode.



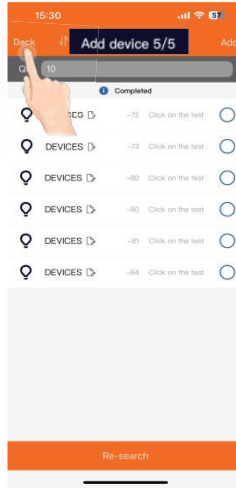
1. Enter the “Devices” interface, click the “+” in the upper left corner
2. The app will scan and list nearby lamps that can be added (the default quantity is 10). Click “Stop Searching” and the nearest 10 devices will be sorted based on the Bluetooth signal
3. Devices can be identified in a room by pressing the left icons to turn it on and off.
4. Click the device to rename the lamp
5. Type the name, and click “Confirm”



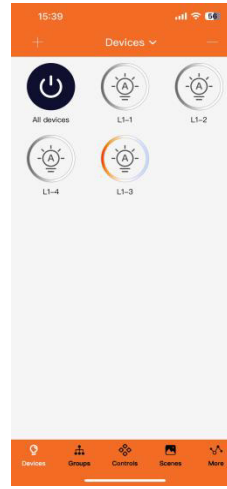
6. You can click the checkbox to select or deselect the lamp.



7. After choosing the devices you want, click the “Add” button in the upper right corner, add the selected lamps to the project



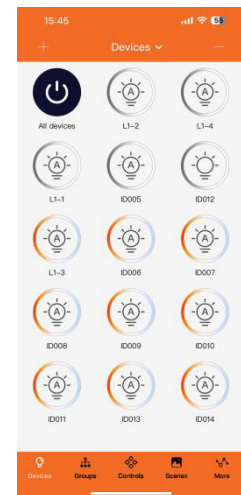
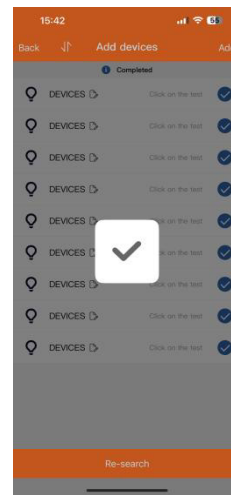
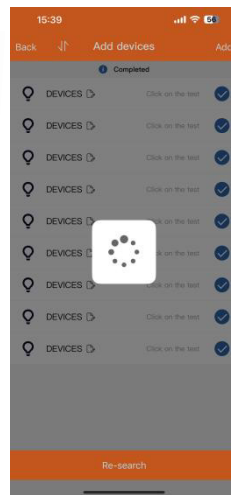
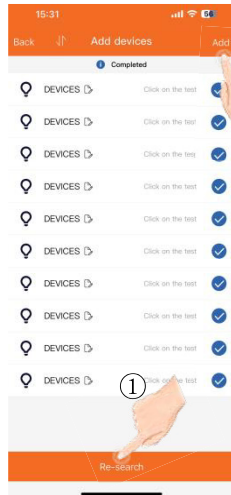
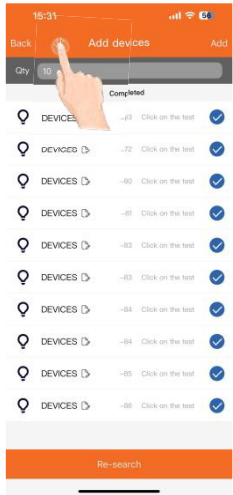
8. After adding successfully, you can click “Back” to the “Devices” interface to check whether the devices are added successfully



Tips:

1. For large areas, it is recommended to use the engineering add mode. After positioning each light, change the name before adding it.
2. Commissioning performance may deteriorate if there are more than 100 devices powered up at the same site. Please power off some devices before continue.

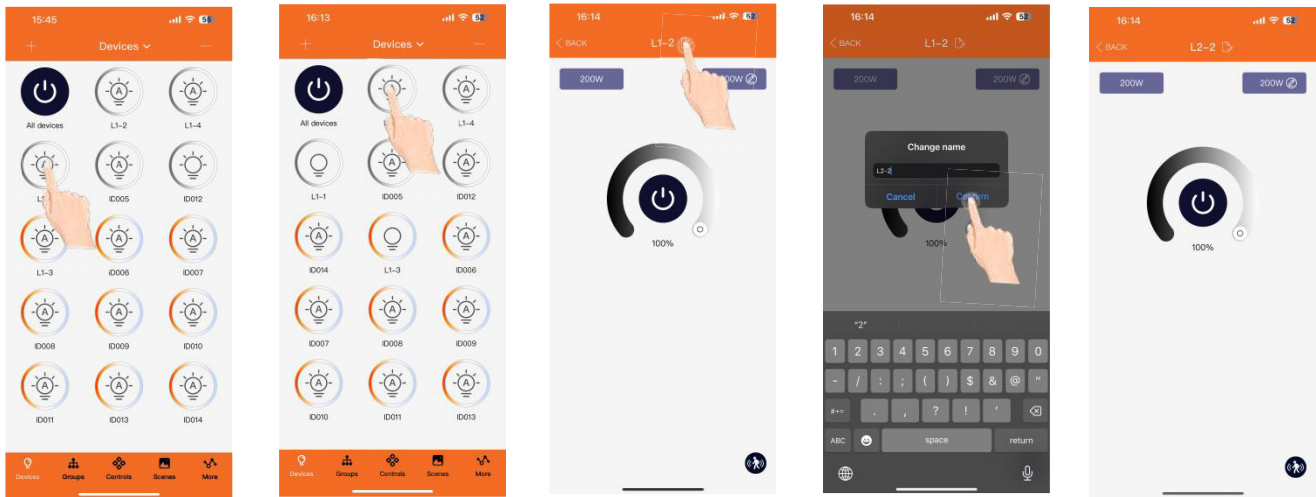
Quick Add Mode



1. Click  on the top left corner will switch to Quick Add mode. In this mode, the Bluetooth signal will no longer be displayed. Click “Re-search” will search for all Bluetooth devices in the zone (up to 100)

2. Click “Add” to quickly add all devices in the list

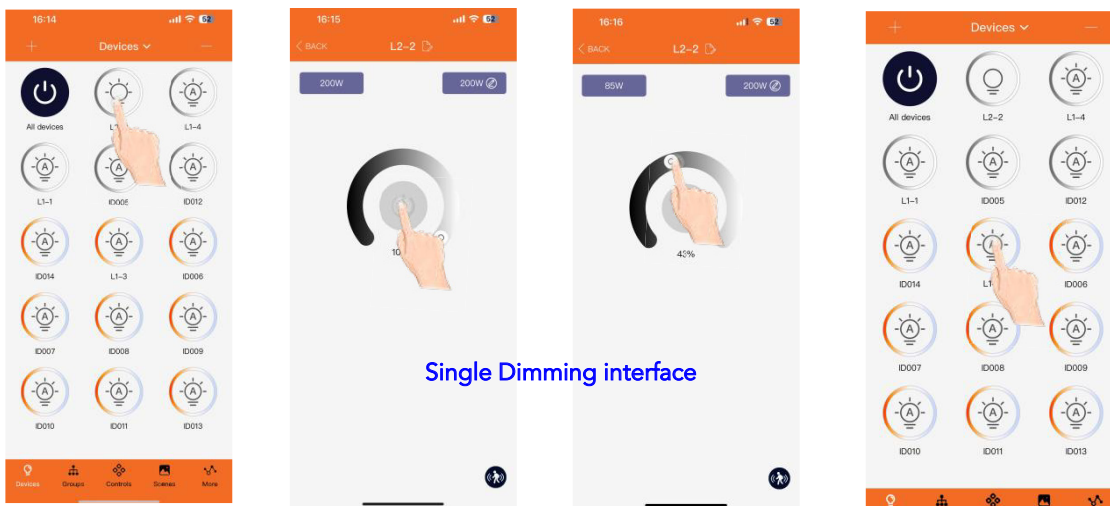
4.2.2.2 Name or Rename Devices



1. On the device page, click the device icon can be quickly turned on and off for easy search and positioning
2. Long press a device icon, it will enter into the dimming and management interface
3. Click the device to name
4. Type the device name and click "Confirm" to save it
5. The device name has been successfully re-named

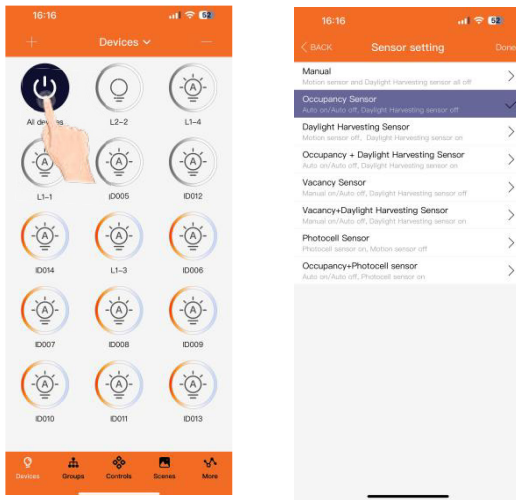
4.2.2.3 Dimming

Below are examples of the device dimming pages for mono-dimmable



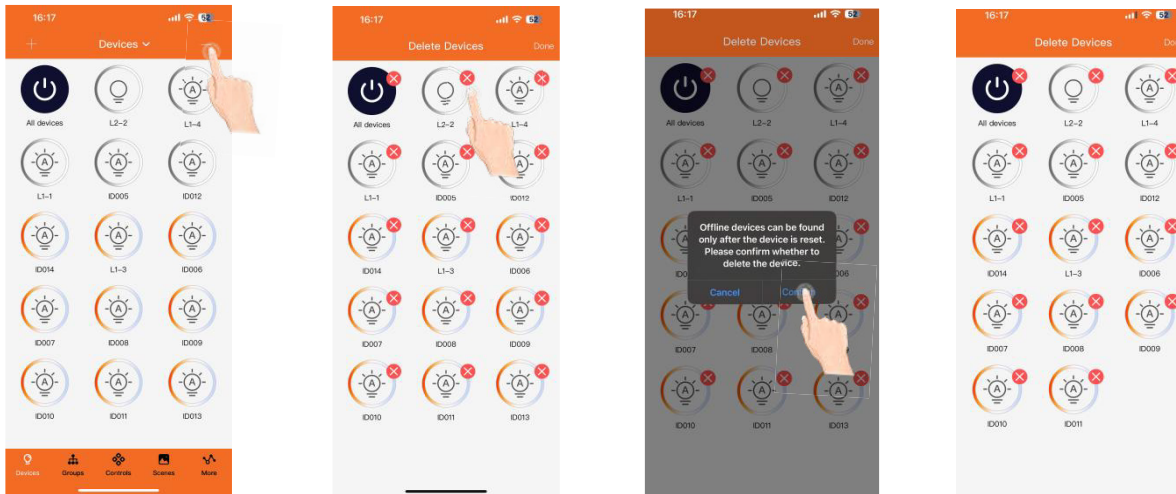
1. Long press a device icon to enter the dimming and management interface
2. Different types of devices will have different dimming interfaces. Click and slide the corresponding dimming control

4.2.2.4 Quick Setting for All Devices



1. Long press at the “All Devices” icon to enter the dimming and management interface
2. Here you can set the parameters of all devices you added.

4.2.2.5 Delete Devices



1. Click “—” on all devices
2. Click to delete the device you don't need and click “Confirm”
3. This method is only effective for online lamps. If not paired, a power reset is necessary.

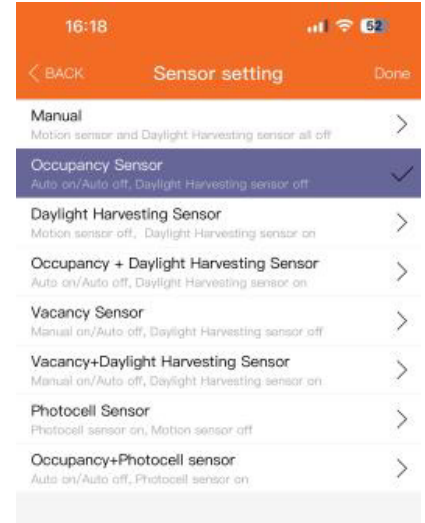
4.2.2.6 Sensor Settings

4.2.2.6.1 Brief Introduction

For lamps with sensors, the sensors can automatically sense human body movements and environmental light changes, and automatically switch on and off the lights and adjust the brightness according to needs, achieving the goals of comfort, health, and energy conservation.

Before setting the sensor parameters, you need to select the sensor mode according to your needs:

- Mode 1:** Manual (Motion sensor and daylight harvesting sensor all off)
Mode 2: Occupancy sensor (Auto on/auto off, daylight harvesting sensor off)
Mode 3: Daylight harvesting sensor (Motion sensor off, Daylight sensor on)
Mode 4: Occupancy + Daylight Harvesting sensor (Auto on/auto off, daylight harvesting sensor on)
Mode 5: Vacancy sensor (Manual on/auto off, daylight harvesting sensor off)
Mode 6: Vacancy daylight harvesting sensor (Manual on/auto off, daylight harvesting sensor on)
Mode 7: Photocell sensor (Photocell Sensor on, Motion Sensor off)
Mode 8: Occupancy + photocell sensor (Auto on/Auto off, photocell Sensor on)



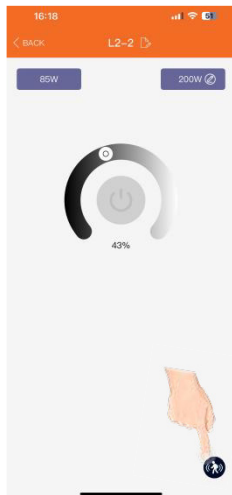
Lamps with sensors have some special parameters, including:

- Brightness:** The brightness of the lamp when the motion is detected
- 1st Time Delay:** Hold time refers to the time it takes for the sensor to turn off after receiving the signal for the last time
- 2nd Time Delay:** Stand-by time refers to the duration of the dimming function after the lamp enters the dimming function
- Dimming level:** The function of dimming a lamp, reduce the brightness to 10%, 20%, and 30% to achieve energy-saving
- Motion Sensor Sensitivity:** Sensing distance (sensitivity) refers to the distance that the sensor can receive signals, with three options: high, middle, and low
- Linkage:** When the lamp is not triggered by motion, but other lamps in the same group sense movement and turn on the linkage setting of this group, the other lamp will be triggered to the linkage brightness. The linkage brightness is calculated in proportion to the normal working brightness.

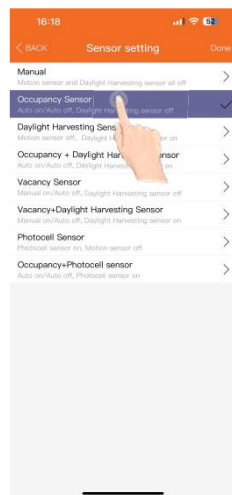
Recommended Parameters Setting by Space Type (Refer to the Project Controls Sequence of Operations)

Suggested Settings for Zone Type						
Zone	1st Time Delay (Minutes)	2nd Time Delay (Minutes)	Dimming Level (%)	Linkage Level (%)	Scenes	Wall Switches
Open Office Area	30 min.	1 min.	50%	50%	No Scene	Button programmed to ALL OFF for quickly turning off lights when leaving office
Meeting Room	30 min.	1 min.	80%	80%	Configure PPT/ Lecture Scenes	Associate PPT/Lecture scenes to SCENE button on wall switch
Classroom	35 min.	5 min.	80%	80%	Configure PPT/ Lecture Scenes	Associate PPT/Lecture scenes to SCENE button on wall switch
Storage Room	10 min.	1 min.	30%	80%	No Scene	No Switch
Corridor	10 min.	1 Infinity min.	30%	50%	No Scene	No Switch

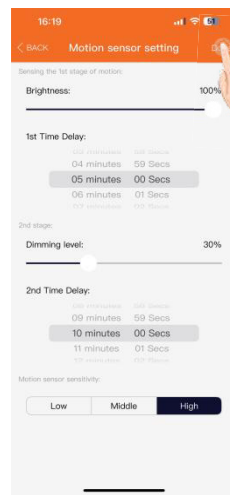
Sensor Setting



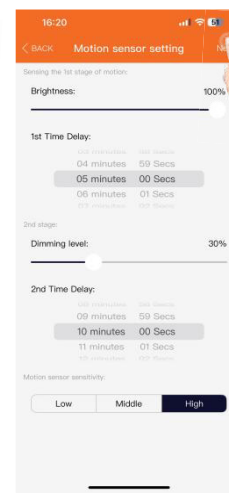
1. Click the  in the lower right corner to set the sensor parameters for this sensor



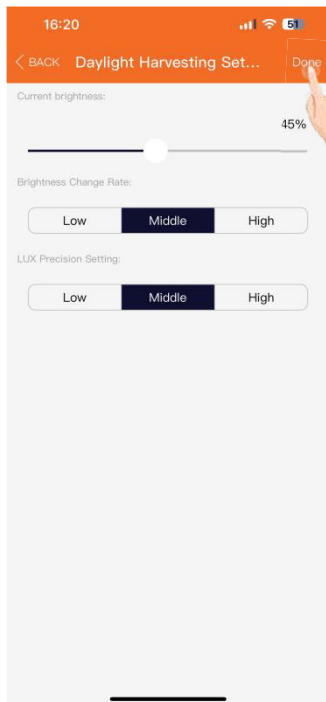
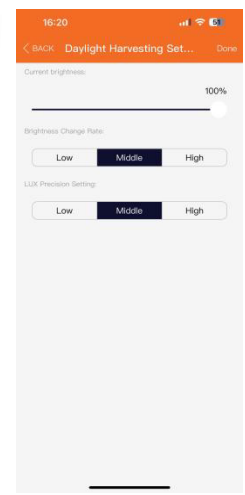
2. Click the sensor mode type



3. After setting the parameters, you need to click the “Done” button to save the settings.



4. If select the daylight harvesting mode, after setting the sensor parameters, click 'Next' to set daylight harvesting parameters

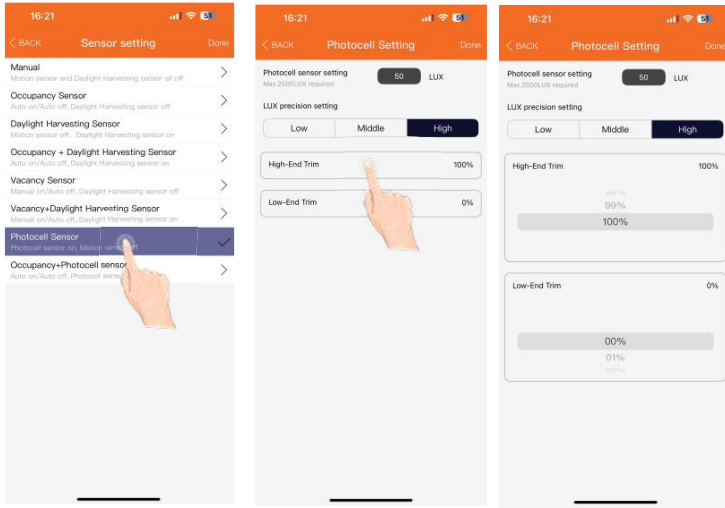


4.2.2.6.2 Sensor Daylight Harvesting Setting

- Choose the current brightness of the lamp as the memory lux value for daylight harvesting function. When the ambient light turn lower, the brightness of the lamp will increase. When the ambient light turn higher, the brightness of the lamp will decrease to maintain the lux level
- Brightness Change rate means when the ambient light changes, the speed at which the luminance of the luminaire changes can be changed. There are three types : “Low”, “Middle”, and “High” modes
- LUX Precision Setting means you can select the accuracy of lux recognition when daylight harvesting is working. There are three types: “Low”, “Middle”, and “High” modes

4.2.2.6.3 Sensor Outdoor Photocell Sensor

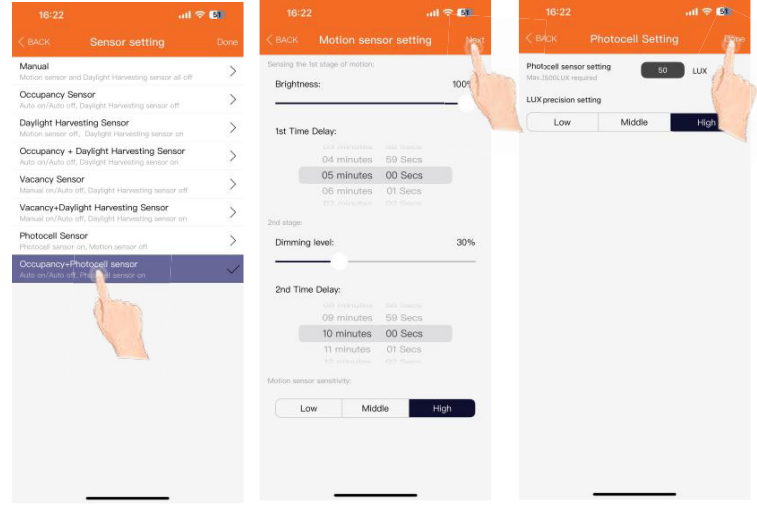
Photocell only setting interface



In photocell interface, you can set the lux and choose the lux precision (low,middle, high), High end trim, low end trim. Low means 15%, Middle means 10%, High means 5%

Take the setting on the picture as an example, when you set 50lux, it means when the lux is less than 47lux, the fixture will be 100% on automatically, when the lux is 53lux, the fixture will be off.

Photocell with OCC setting interface

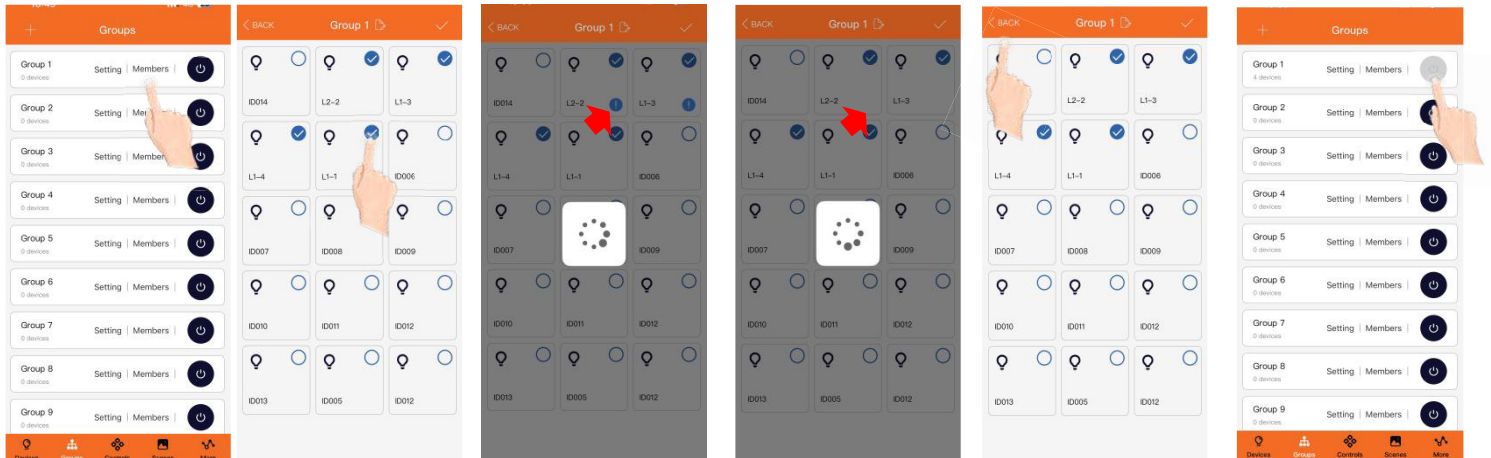


In photocell with OCC mode, after setting the sensor regular parameters, click “Next”, then you can set the lux and Lux precision. Take the setting on the picture as an example, when the lux is less than 47lux, when detect motion, the fixture will be 100% on, after 1 minute, there’s no motion detected, the fixture will be 30% on, then after 1 minute without motion detected, the sensor will be off. During the 1st time delay and 2nd time delay, once the lux is more than 53lux, the fixture will be turned off by force.

4.2.3 Groups

Groups enable control of a defined set of lights/sensors, in a small area. There are totally 16 groups in the list. The APP provides a default group named “All Devices” in the device page, which gives the user control over all lights in the zone. Groups allow user to configured/change settings for all devices in a Group at same time.

4.2.3.1 Add or Remove Lamps in a Group

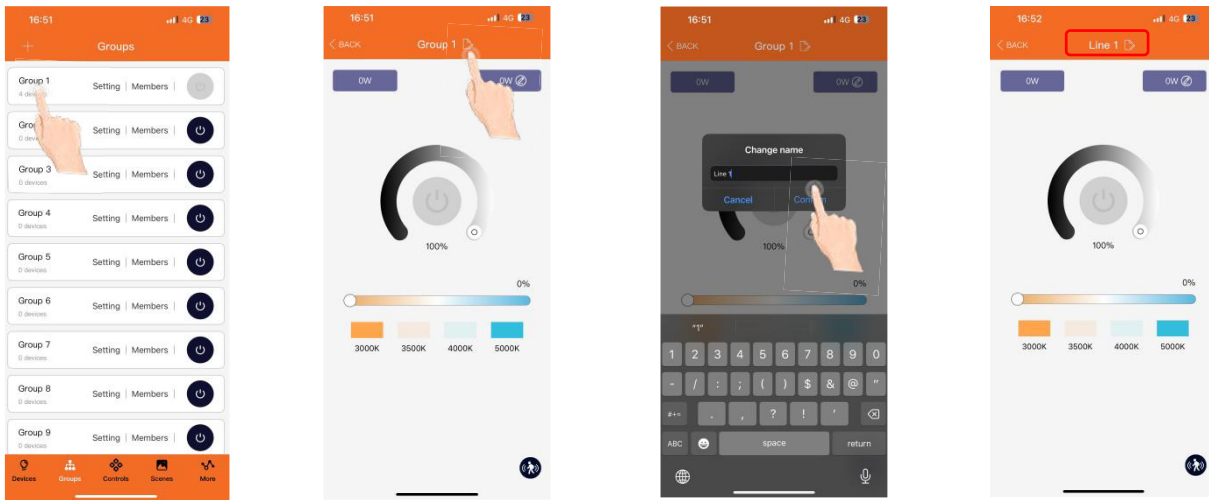


In member management page, click the selection box in the right corner of the devices icon to add or remove a certain device. After selecting members, click the “√” to save the grouping

During adding, “!” will appear in the lower right corner of the device being configured. The devices that are added to the group successfully, the ! will disappear. Then press X (Back) to exit

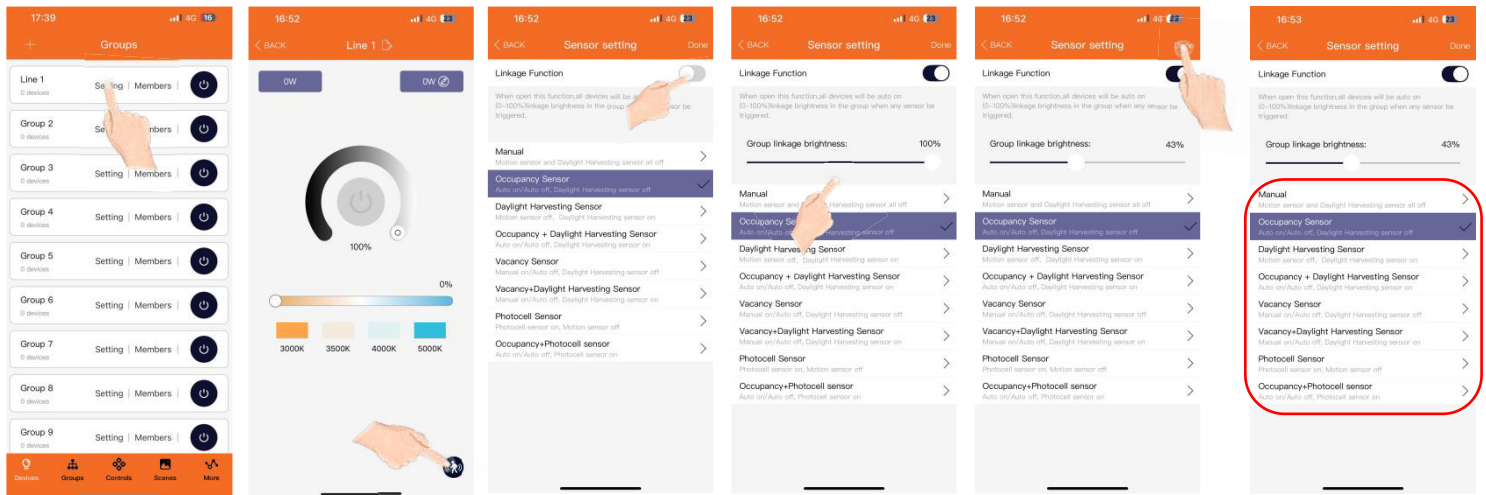
On the “Group” interface of the APP, click the sliding switch of a certain group to quickly turn on/off all the devices in this group

4.2.3.2 Rename the Group



1. Click "Group" to enter the group lamp dimming and management interface
2. Click  to name the group.
3. Type the group name in the pop-up input box and click "Confirm" to save it

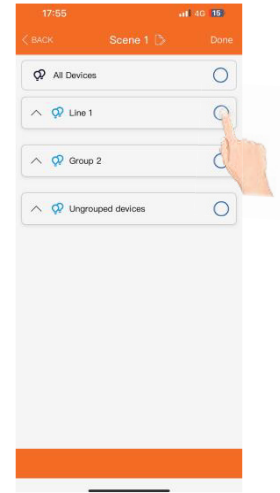
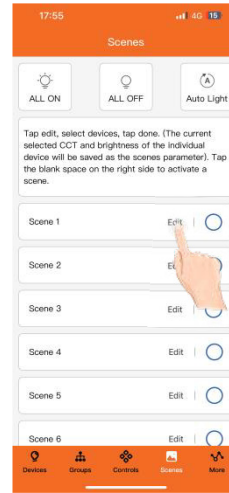
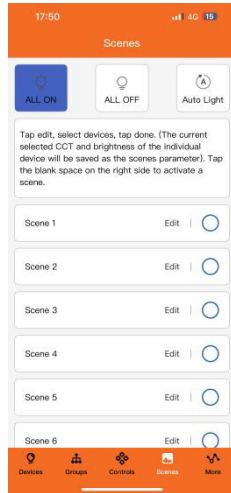
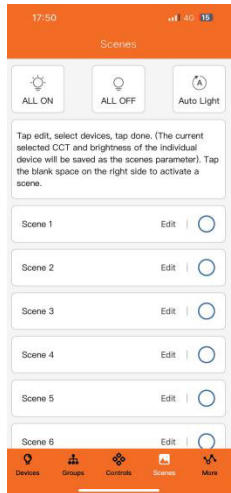
4.2.3.2 Linkage and Parameter Setting



1. Click a group to enter the group setting page and press  to enter the parameter setting page
 2. Click the "Linkage Function" sliding switch to turn on/off the linkage function of this lamp group.
 3. Set the group linkage brightness in the sensor settings interface. Must click "Done" to save the linkage function
- Sensor parameters setting go to page 11-13

4.2.4 Scenes

Scenes establish programmed settings for individual lights or groups of lights. The scenes can be set manually by users. There are totally 16 groups in the list. Activating a scene will cause all members to adopt the settings to the selected scene. Users must add lights first, then the next step is sensor setting before creating groups and scenes.

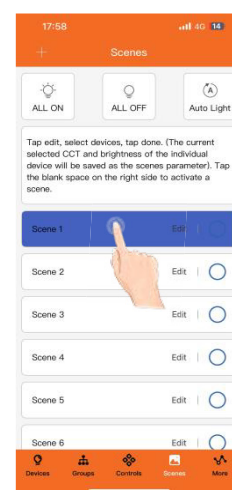
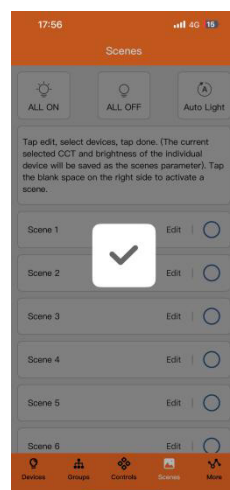
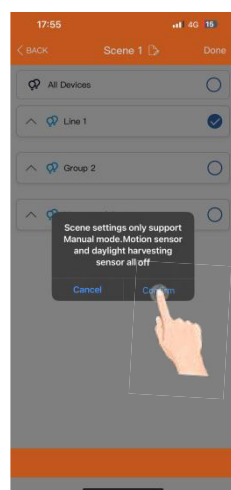
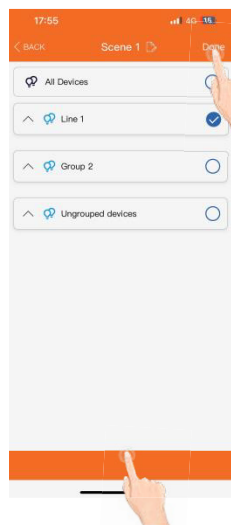


Scenes page has three quick settings. You can turn on/off all devices by click “ALL ON” and “ALL OFF”, and if you want to quick scenes, you can click “Auto Light”, it means the sensor comes to sensing mode. When it is chosen, it will become blue.

According to the actual application need, set the required brightness or CCT on each device or group.

Click the “Edit” on the scene interface

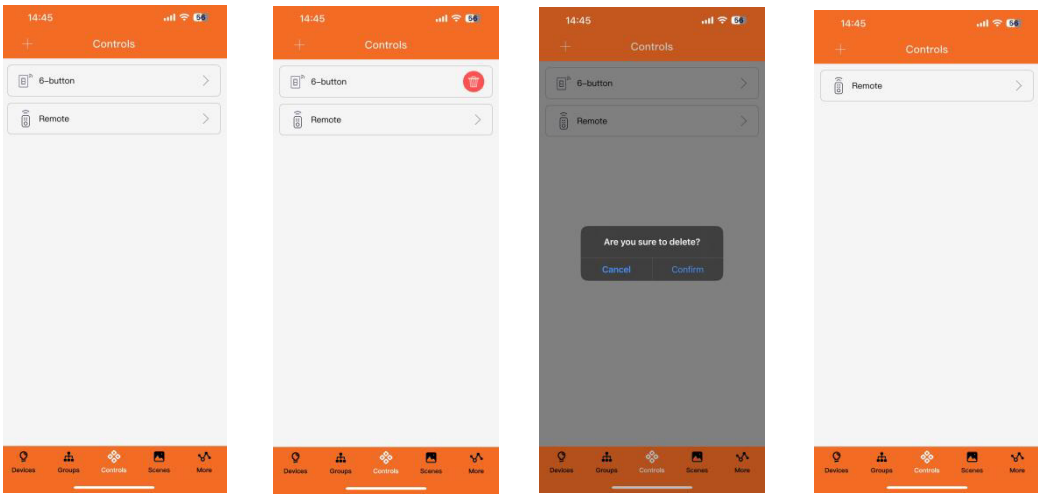
Click to select the devices or group up to set.



then click “Done”

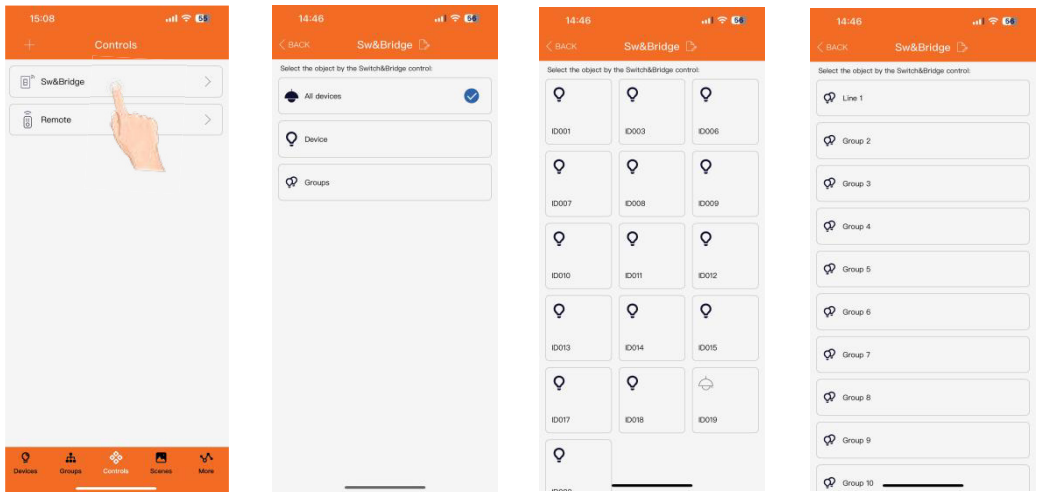
Click “Confirm” to save

Tap any blank space to achieve the scene



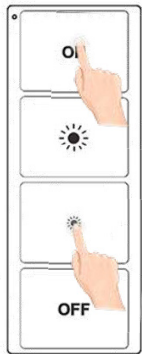
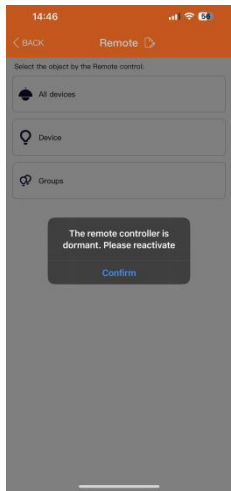
- Long press the switch until  appears
- Then press , click “Confirm” to delete

4.2.5.3 Associate Devices or Groups to the Switches



Note:
When select the devices or groups to the switch, each time only one device or group can be assign to the switch.

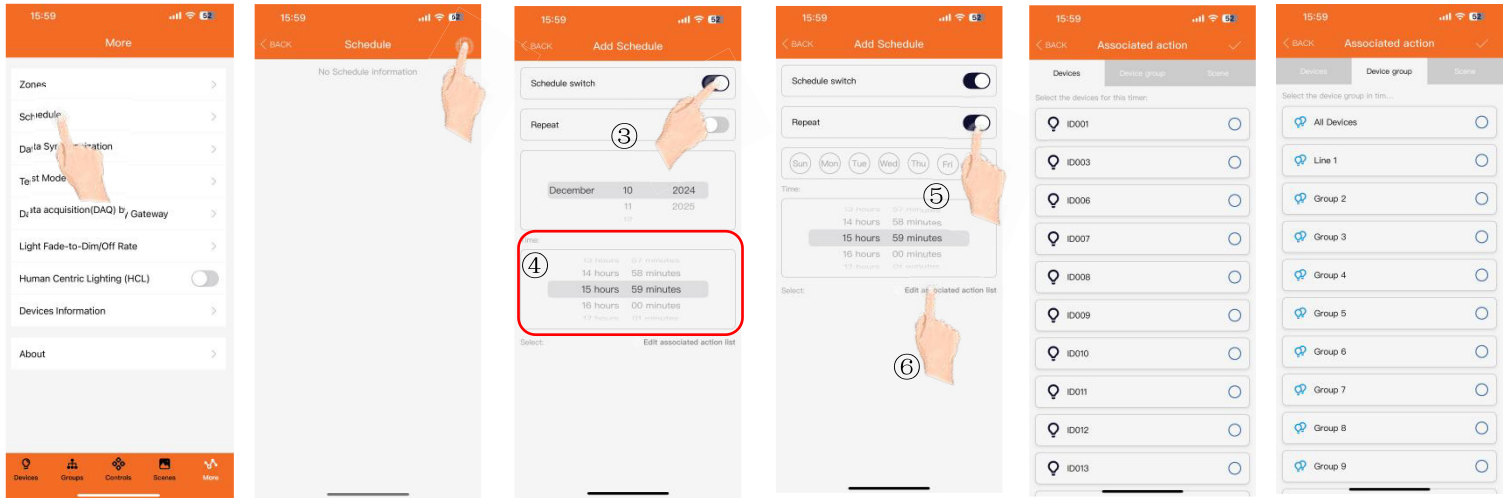
- Enter into the device interface
- On the switch’s configuration interface, all lamps, single lamp, group can be selected.



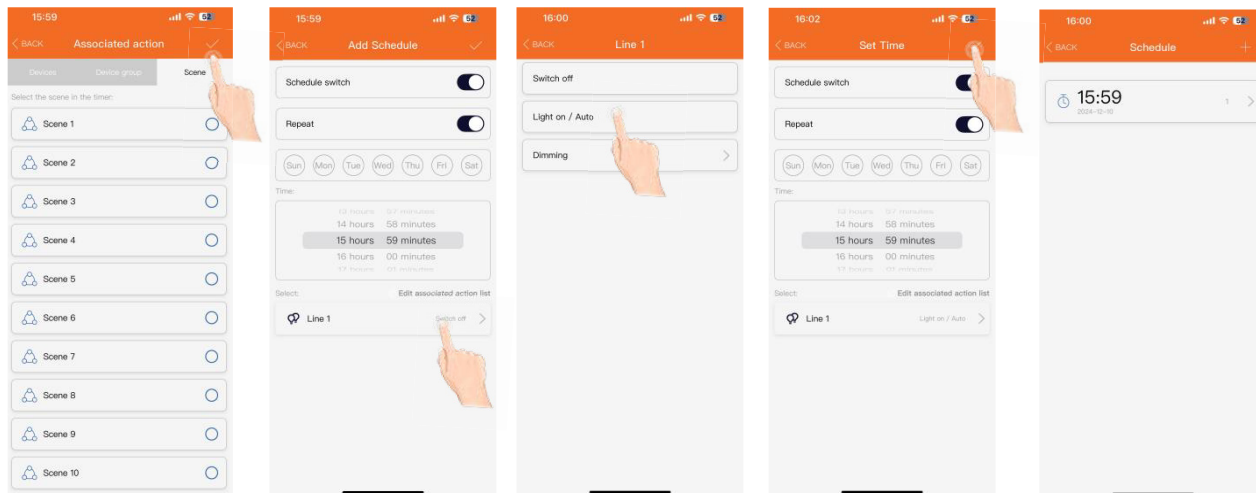
When the remote control is dormant, you need to reactivate it (to enter pairing mode), long press and hold the “ON” and “DIM-” buttons for 5 seconds until the green light flashes BC-USDM101-4-GE and BC-USDM101-6-GE can also be added as gateway, more details to refer to page 19-21.

4.2.5 Schedule (Timer)

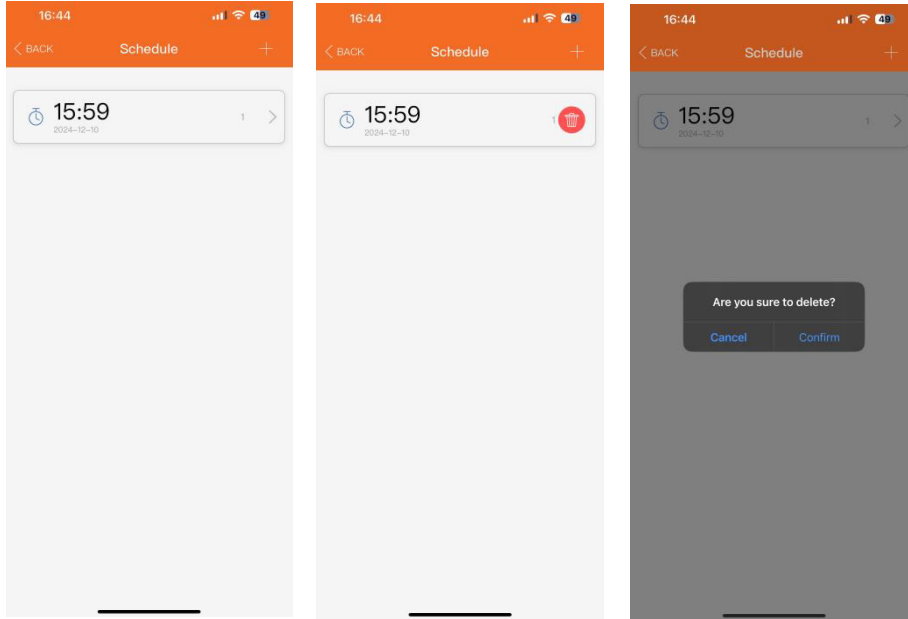
Schedules allow the user to program lighting changes for specific dates and times. Schedules can be applied to an individual device, a group, or a scene.



1. On the “More” interface, click “Schedule”
2. Click “+” to add a schedule
3. Click the to enable the timer
4. You can choose the time in the red section (4)
5. Choose whether to repeat date or time
6. Click “Edit Associated Action List”
7. Lamps, Lamp Groups and Scenes can be associated according to your need.

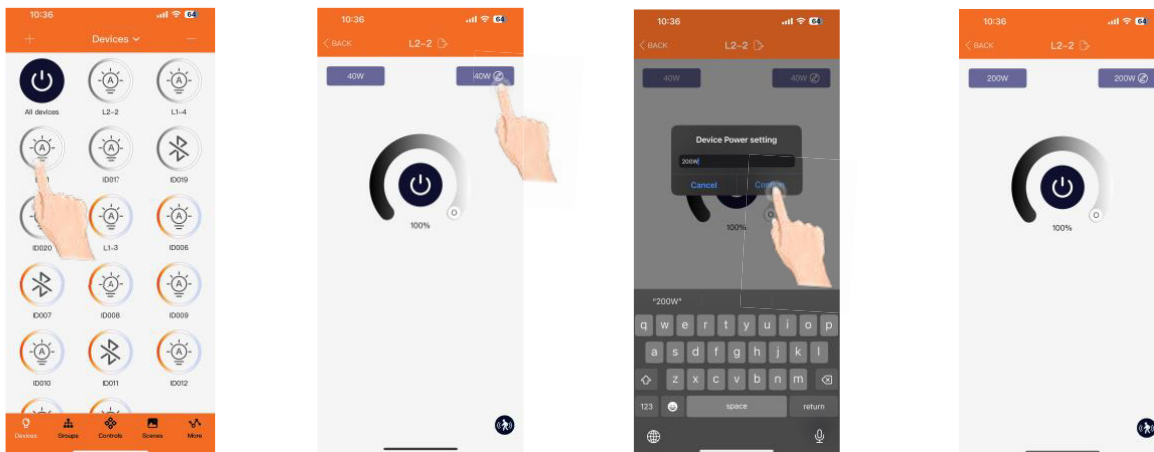


8. After select, click the “√” to save
9. Then Click the selected subject to add action. You can choose “Switch off”, “Light on/Auto” and “Dimming”
10. Click the “√” to save



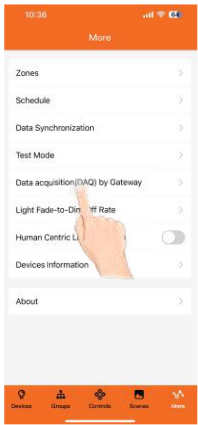
1. Long press the schedule until the  appears
2. Press , click “Confirm” to delete

5.2.2 Set the Wattage of Lamps

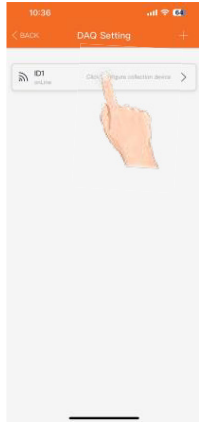


1. Long press a lamp to enter the dimming and management interface
2. Click  to set the wattage
3. Type the real wattage of the lamp, and click “OK” to save

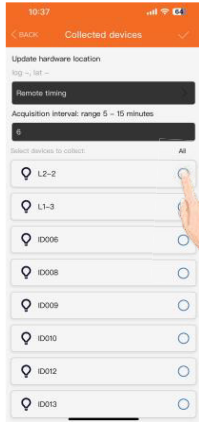
5.2.3 Collect Lamps



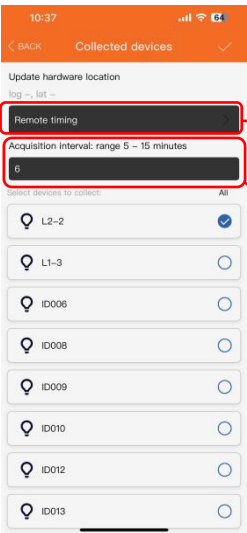
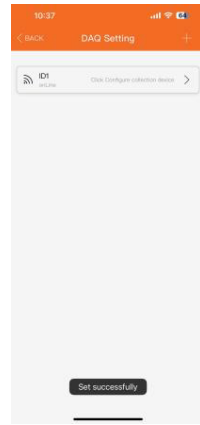
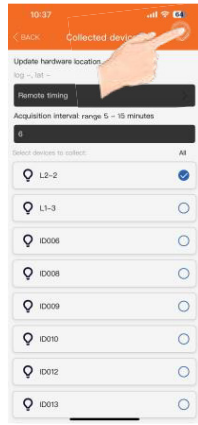
1. Click “Gateway Acquisition (DAQ) by Gateway”



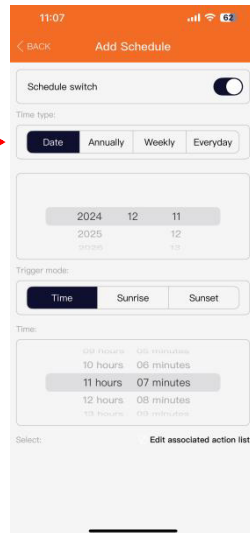
2. Click the “Gateway”



3. Select the lamps for energy monitoring, click “√” to save



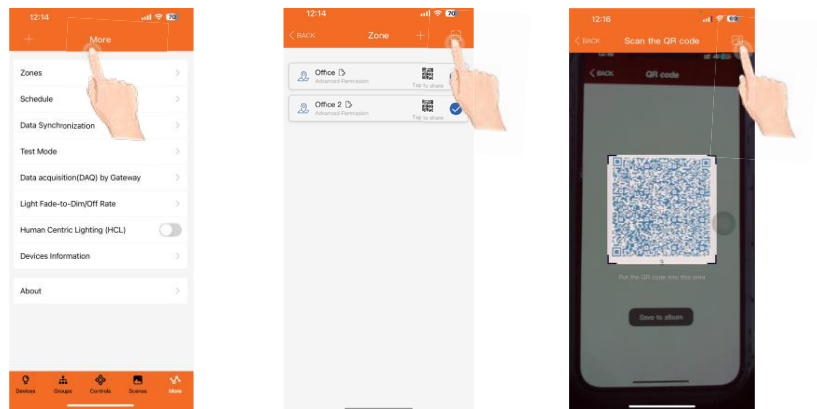
You can choose the acquisition interval time from 5-15 minutes. The power consumption data will be updated to the cloud every interval time you set.



You can also set remote schedule. Here you have more choices, you can make a schedule by Annually or according to the Sunrise or Sunset.

6.1 Scan the Code

Login: <http://www.homewellinc.cc:8082/web/#/LoginPc>
scan the QR by phone

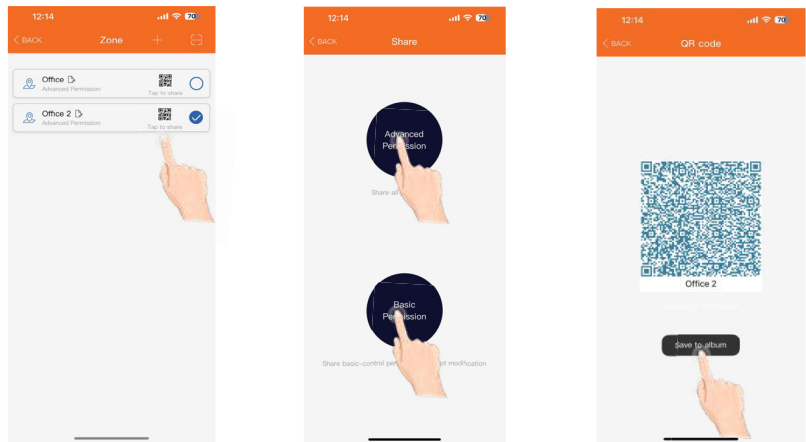


You can also select QR codes saved in the phone by pressing the  button

Click “Zones” in “More” interface, and click  to scan the QR code

Center the boxed camera frame around the QR code and scan it.

6.2 Save the Code



Tips Each QR code represents a separately managed area and its lamps, switches, and other devices. During the preparation work, it is recommended to prepare the QR codes for all zones, and set the group, scene, and name in advance to reduce on-site work

All zones can be found in the “Zones” list and you can tap to share

By selecting the corresponding permissions based on the customer type, a QR code can be generated

Click “Save to Album” Then you can find the code in your album

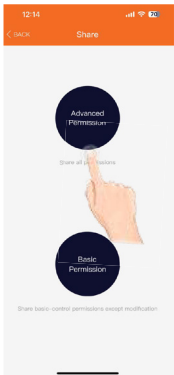


Basic Permission

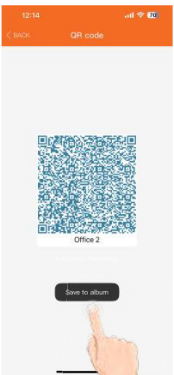


Advanced Permission

6.3 To Share the Code



1. From the Zones page, select the Zone to share and click on either Advanced or Basic.



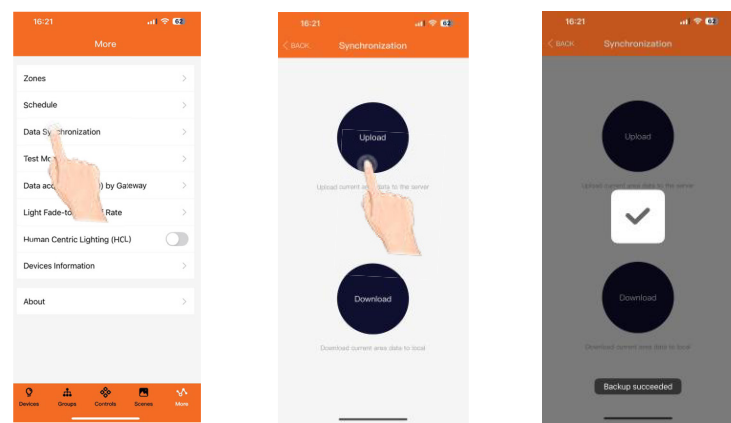
2. A QR code will be displayed on the app. It can then be scanned by another for sharing or you can save the album or screenshot it and send it to another for scanning.

6.4 To Synchronize Data to the Zones

6.4.1 Upload the data to cloud

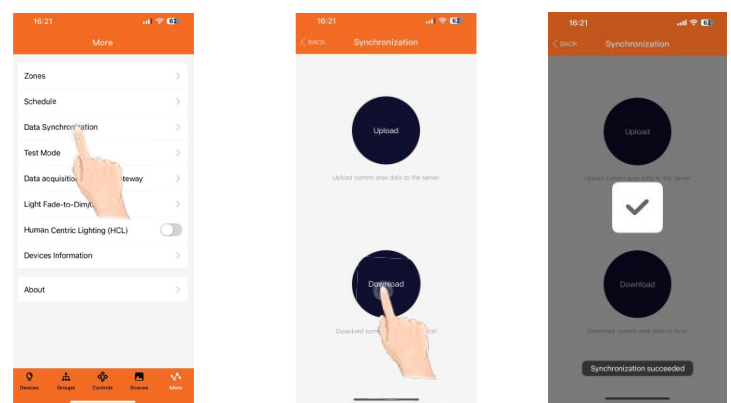
If someone (e.g. workers on site) changed the parameters,what they need to do is upload the data, then others can download.

Click “Data Synchronization” on the “More” interface, open the internet, click “Upload”, then the users that the setting of the Zone has been changed.



6.4.2 Download the Data to Cloud

Users click “Data Synchronization” in More interface open the internet, click “Download” to synchronize the settings of the zone. If the users don’t have the zone, please scan the code to add the zone.



6.4.3 Remote Commissioning Without Gateway

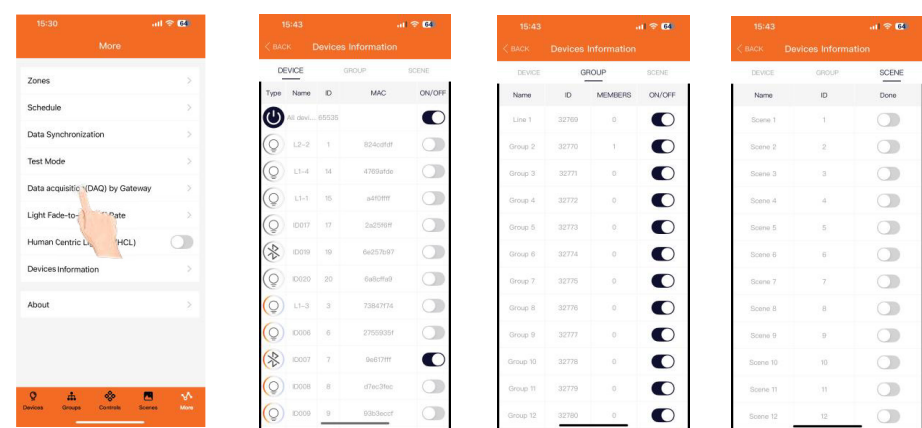
If your customer don’t know how to set the parameters and don’t want to learn much about the sensor knowledge, please refer to the following step:

Step 1: For customers	Step 2: For you	Step 3: For customers
1. Create the zone	4. Scan the code	7. Go to the site, download the date from the cloud in “Data Synchronization”
2. Share the zone code	5. Set the parameters of the groups according to customers needs	8. Add the devices to the app
3. Tell us what parameters you want to set for the sensors	6. Upload the date to the cloud in “Data Synchronization”	9. Add the sensor to the groups accordingly
		10. Must upload the date to the cloud in “Data Synchronization”

7. Additional Settings

7.1 Device Information

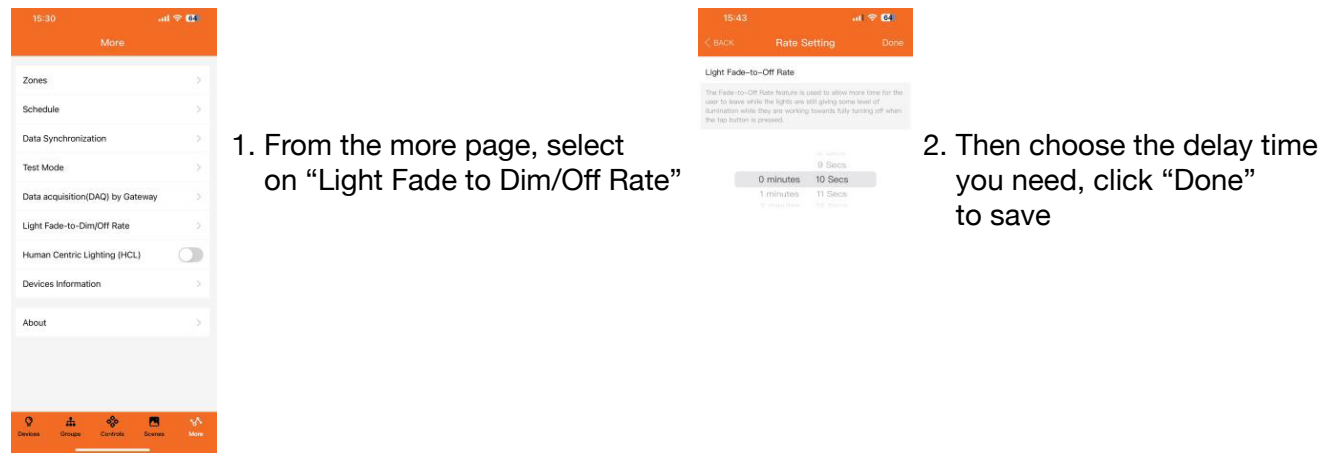
From the more page, The “Devices Information” tab will display a list of all the information for the Device, Groups and Scenes in a zone. Here you can also turn on/off the Devices, Groups, and Scenes.



1. Switch between Lights, Groups, or Scenes to display the desired information. Here you can also turn on/off the Devices, groups, and Scenes.
2. From the more page, select on “Device Information”

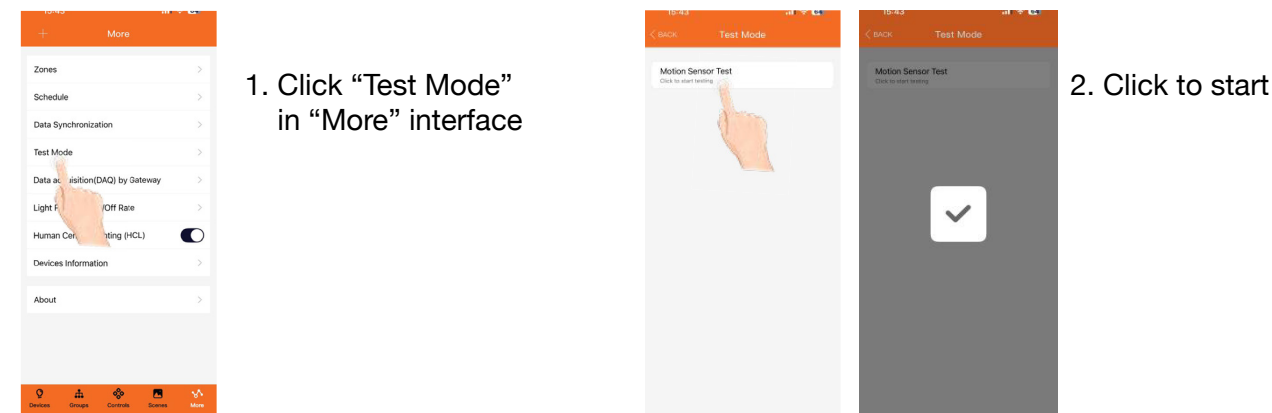
7.2 Light Fade to Dim/Off Rate

After you set the delay time, when you switch off the fixtures manually, the fixture turn off after the delay time set. This is always used in offices with wall switches.



7.3 Test Mode

In test mode, when the sensor detect motion, the fixture will be 100% on, after 2 seconds, the fixture will be off. Test mode will quit automatically in 3 minutes

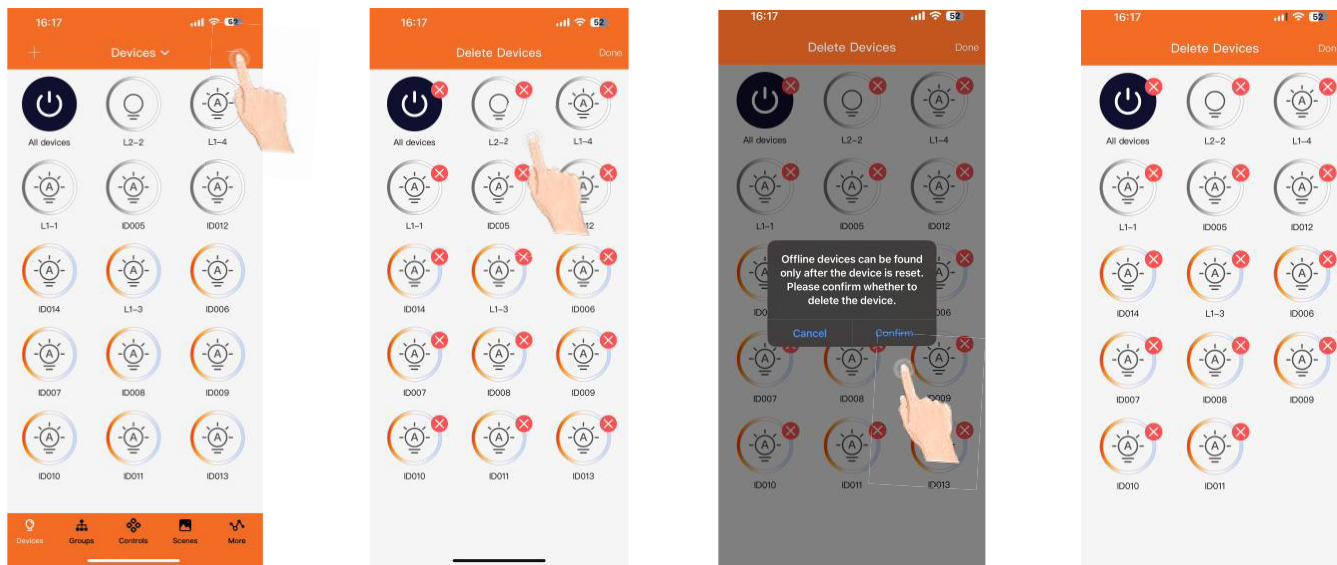


8. Restoring Factory Settings

There are 5 ways to restore factory settings for the lights. (Some ways are suitable for some devices)

8.1 Restore by Deleting Lights On Line

The first way is by deleting lights from the APP. This is the easiest way. When finished testing, must delete the lights. Then you can refresh the “Lamp” interface to see there is still some devices.



1. Click “+” on devices interface

2. Click  to delete the device you don't need and click “Confirm”

3. This method is only effective for online lamps

8.2 Restore S-LINE-R

First: Press “RESET” button

Second, Press “ON/OFF” button

The lamp flashes once, indicating that the reset is successful.

This way is very useful when someone forgot to delete the lamps online.



8.3 Restore by Reset Button

Some sensors have reset buttons, so when the sensor is on, long press the reset button for around 5 seconds, The lamp flashes once, indicating that the reset is successful.



S-SN-PIR-1
S-SN-PIR-BT
S-SN-PIR-SL



S-AUD-PIR-1
S-AUD-PIR-BT
S-AUD-PIR-SL



S-TWC-PIR-BT

8.4 Restore by Magnets

Almost all EnvisionLS products can be restored by magnets. We will have a label stick (Reset) on the product. Put the magnets on the top of the label for 5 seconds.



8.5 Restore by Power Reset (Not Recommended)

The operation steps are as follows:

1. Preparation: the fixture is powered on for the first time, the light is on, wait for 20 seconds
2. Continuously power off and on for 5 times, and after the 6th power on, the lamp flashes once, that the reset is successful

9. Factory Default Setting

Sensors: Brightness: 100%, 1. Time Delay: minutes, 2. Time Delay: 10minutes, Dimming Level: 30%,
Motion Sensor Sensitivity: High, Daylight harvesting: OFF, Group Linkage: OFF
Fixture Controllers: Always 100% ON