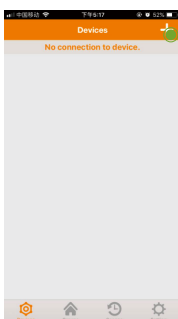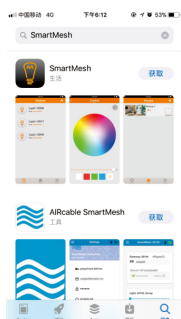# CONTROLLER INTRODUCE

Product features

- No need for a switchboa.
- Easy and safe installation (low voltage device).
- Protected against short circuit.
- Double temperature safety feature.
- Control up to 100 lamps.
- Show output as W or %.
- Auto shutdown at temperature setting.
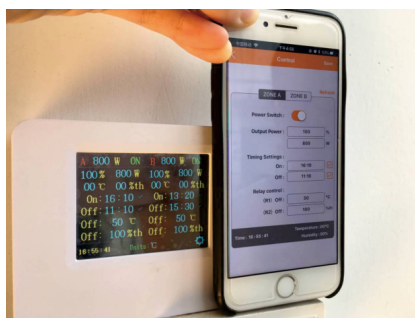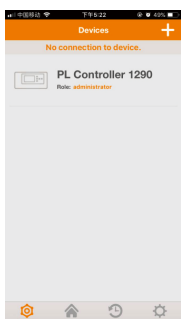- APP Smart control of lamps.

Connect mobile phone with controller

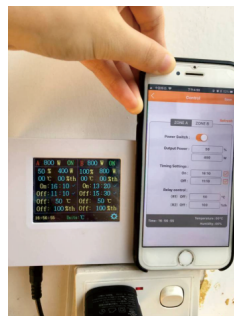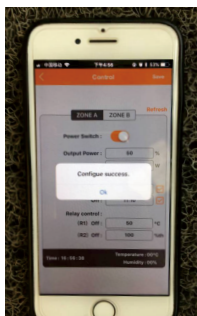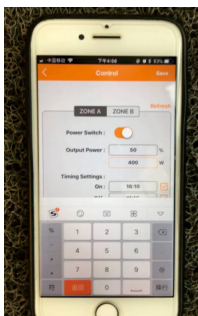On setting ID page, there is ID's QR code to scan.(See page 5)

1.Download"SmartMesh" from App store or Google Play.

2.Turn on Bluetooth on Phone,click"+"and scan QR code on the back of Master Controller.Then click "Next".
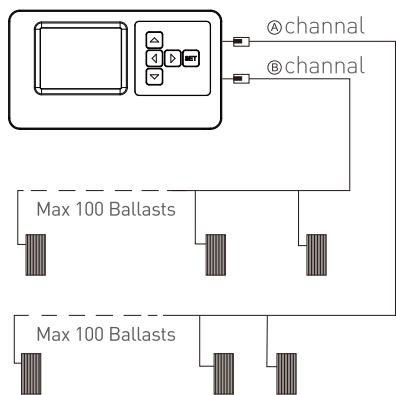

3.Click "PL Controller".

4. After the mobile phone successfully connects to the controller, the "no connect to device" prompt on the top will disappear.
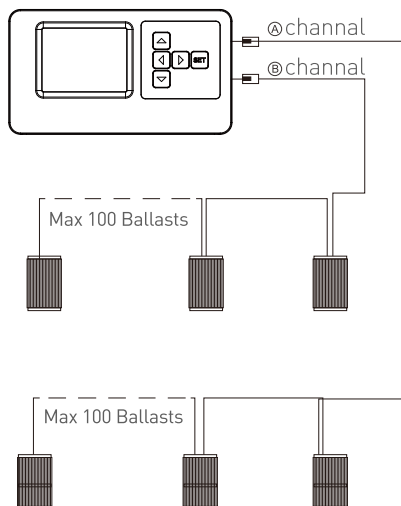

5. Setting Done，then click "SAVE".

6.Done.

Introduction to product connection

Ⓐchannal
Ⓑchannal

Max 100 Ballasts

Max 100 Ballasts

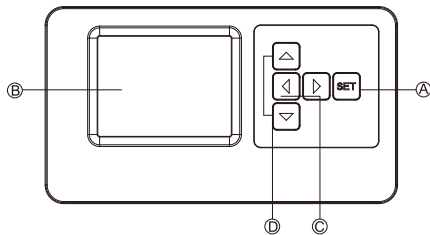| Connecting the controller to complete ballasts	
1	Switch the rotary knob on all ballasts to"EXT".
2	Plug the RJ14 end of the provided controller cable into the RJ14 main port of the controller
3	Plug the RJ14 end of the controller cable(s) into the input of a RJ14 splitter.Use an Interconnect cable to connect one output of the RJ14 splitter to the RJ14 port the ballasts
4	Use an interconnect cable to connect one output of the RJ14 splitter to the input of the following RJ14 splitter
5	Repeat this process to connect up to 100 pcs ballasts

Ⓐchannal
Ⓑchannal

Max 100 Ballasts

Max 100 Ballasts

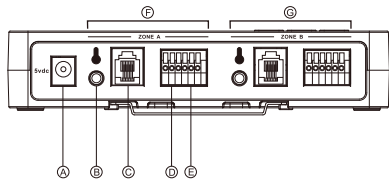| Connecting the controller to complete ballasts	
1	Switch the rotary knob on all ballasts to"EXT".
2	Plug the RJ14 end of the provided controller cable into the RJ14 main port of the controller
3	Plug the RJ14 end of the controller cable(s) into one of the two RJ14 ports of the first ballast
4	Interconnect the remote ballast to the next ballast in line using an interconnect cable with RJ14 plugs Up to 100 pcs ballasts may be daisy chained this way

Set output level from 0% to 115%.

Sunrise/Sunset Timing Setup.

Temperature and Humidity Sensors with solid cable connection.

APP Operation on the Phone to Master Controller via BlueTooth.

◆ These fixture can be controlled centrally by our Smart controller.

◆ This replaces the often cumbersome installation with contactors and clocks，adds safety features such as automatic dimming of your lights at high temperatures and even a safety shutdown.

CONTROLLERS		
A	key	Function
B	Set	To get cursor(long press)/Confirm (short press)
C	Display	Display status and controllermenu
D	Right/Left	Move cursor
E	Up/Down	Changer the Value

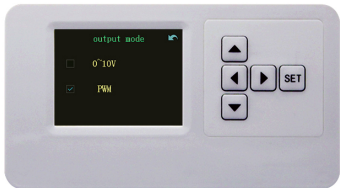| 连 接	
A	5V DC input
B	3.5mm Jack aux temperature sensor
C	RJ14 aux port for controlling up to 100 pcs ballasts
D	Relay switch controlled by temperature senor
E	Relay switch controlled by humidity
F	Zone A
G	Zone B，same functions as Zone A

Using steps

(1) Click Setting Icon on the Lower
    Right Conner .

★ Menu
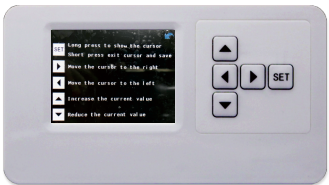

★ 0-10V.PWN exchange

★ Sunrise/sunset settings:

1. Group A corresponds to Zone A, Group B
   corresponds to Zone B.

2. Click the "Active" button to start the sunrise/
   sunset function of the group,
   Click the "Disable" button to stop the sunrise/
   sunset function of the group.

3. The gradient time can be set from 0 to 60 minutes.

★ On setting ID page,there is ID's QR code
  to scan

★ Help Page

Custom power   : Custom power can be selected in the
                  power settings on the main page.

Percentage (Min): Set the minimum percentage of main
                  page power.

Percentage(Max): Set the maximum percentage of the
                 main page power.

```
400
600
630
800
1000
315
```

The Default Power

User Custom Power

★ (2) Return back to home page，it is set successfully.

★ Notes : Above is the power setting or order, User Custom Power comes last,users can choose the corresponding power according to the needs.

Android

IOS