SP108E WIFI LED Controller Operating Instructions

1. Features:

1. Long distance APP remote control via WIFI;

2. Support routing mode(AP) and LAN connection mode(STA);

3. Support almost every kind of one-wire or two-wires LED driver IC ;

4. Brightness adjustable, With 180 kinds of patterns and 8 kinds of color adjustable patterns;

5.Creatively using **from-image-to-effect** method for user to DIY any effect;

6. Support setting pixel number and segments number, able to control up to 2048 pixels;

5. DC5V~24V wide range working voltage, reverse power supply input protection;

6. User setting saving;

2. App control:

  Both IOS version and Android OS version are available. (hardware should support WIFI)

•Requires IOS version 10.0 or later;

•Requires Android OS version 4.4 or later;

•Search"LedShop"in App Store or Google pay or scan this QR code to download and install the App:

3. Specifications:

Working temperature : -20℃~60℃;

Working Voltage : DC5V~24V;

Working Current : 20mA~130mA;

Remote distance : 30 Meters;

Product size : 85mm*45mm*22mm;

Product weight : 40g ;

Certificates : CE, RoHS;

4. Working Mode and Connecting:

•**AP(Access Point) mode:** Controller and Phone connect directly, controller works as an access point.
Connect steps: 1.When the device is not connected to any WIFI network, power on the controller and wait for 20s
and then controller will switch into **AP** mode ;
2.In the WIFI setting page,find and connect the controller(named like **SP108E_xxx**, the default pin code is 12345678),
3.Open the LED Shop App ,then the controller will be showed on the device list;
•**STA(Station) mode:** Controller and phone are in one same WIFI network, in this network, users can operate the controller smoothly.
Connect steps: 1.When the device is not connected to any WIFI network,power on the controller,
controller will be remain in **Wait-For-Connet** mode for 20 seconds;
2. Make sure that your phone is connected to a WIFI network, Open LED Shop APP, pressing the **Add Device** button,
input the WIFI pin code, then press the **OK** to confirm and wait for the configure processing finish;
3. When controller successfully enter the WIFI network, it will be showed on the device list;
4. User can select the controller and remove it out of the network by pressing the **Remove Device** button,
then the controller will switch into AP mode.

5. Wire Connection：