

## 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 play or scan this QR code to download and install the App:



### 3. Specifications:

Working temperature : -20°C~60°C;

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-Connect** 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:

