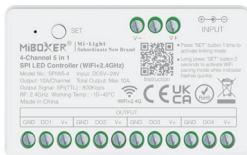


4-Channel 5 in 1 SPI LED Controller (WiFi+2.4G)

Model No.: SPIW5-4

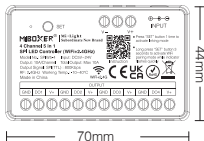
Product Feature

- 4 individual output and control 4 zone SPI led strip independently
- Pixel Dots: Max 1024
- Output Signal :SPI(TTL) 800Kbps
- Compatible with single color/CCT/ RGB/ RGBW/ RGB+CCT SPI LED strip light
- Color, pixel dots, speed, static and dynamic mode, music mode are adjustable
- Dynamic mode : 28 kinds of white color, 80 kinds of colorful modes, support to change color, brightness, depth, speed of all modes
- 4 kinds of music mode, built in internal microphone and smart phone microphone catch signal
- Freely switch dynamic or static or music mode
- Setting boot animation via Tuya Smart App
- Have DND mode and usual used in power failure area to save power.

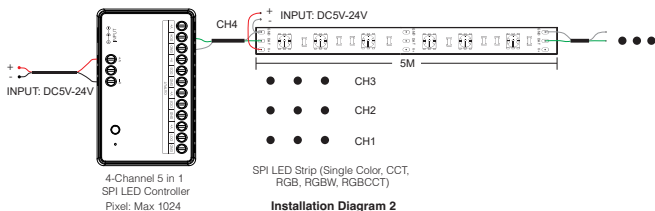
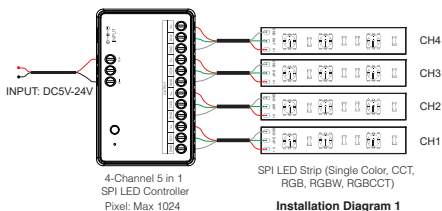


Product Parameter

Product Name:	4-Channel 5 in 1 SPILED Controller	IP Rate:	IP20
Model No.:	SPIW5-4	Working Temp.:	-10~40°C
Input Voltage:	DC 5V-24V	Dimension:	74.5*36*17mm
Output Current:	Max 10A	EMC Standard (EMC):	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Output signal:	SPI(TTL) 800Kbps (Max 1024 Pixel)	Safety Standard (LVD):	EN 62368-1; 2020+A11;2020
Standby current:	20mA	Radio Equipment (RED):	ETSI EN 300 440 V2.2.1
Protocol:	WiFi+RF 2.4GHz	Certification:	CE, EMC, LVD, RED
Control Distance:	RF: 30m		

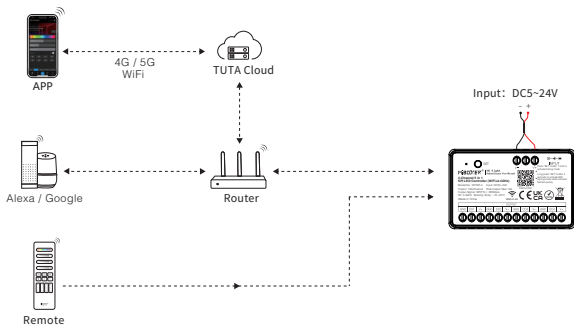


Connection Diagram



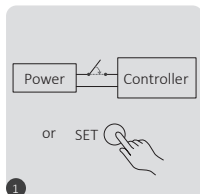
 Note: Switching output mode requires switching via APP

Application Diagram



Link/Unlink

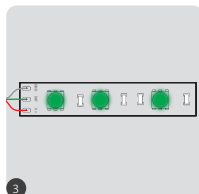
1). Link



Power off 10 seconds and power on again or short press "SET"



Short press "ON" button 3 times within 3 seconds.

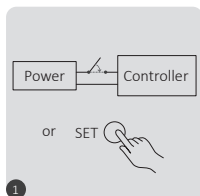


Green flashing state, then the code is successful.



Link is failed if light doesn't flash, please repeat above steps
(Attention: can not link again if remote already finished linking)

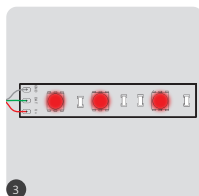
Unlink:



Power off 10 seconds and power on again or short press "SET"



Short press "ON" button 5 times within 3 seconds.



Red flashing state, Then clear the code successfully.



Unlink is failed if light doesn't flash, please repeat above steps
(Attention: no need to unlink if the light never be linked)

Compatible remote
(purchase separately)



C10 SPI Remote

Smart Phone APP Control

Pairing Network (don't support 5G router)

1).Download and install "TUYA SMART" APP

search "TUYA SMART" in application store or scan QR code, please register account if using it in the first time, login into account if already have account



2).Pairing Network

Connect controller with mains

Ensure indicator flashes quickly(2 times per seconds)

You have 2 ways to correct indicator status

- Long press" SET" button

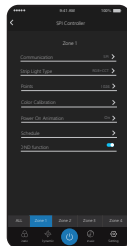
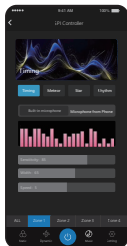
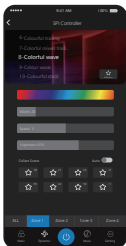
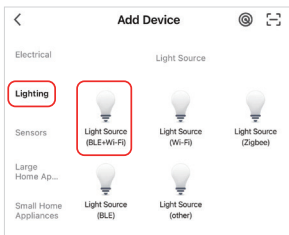
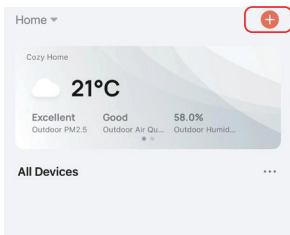
- Power off and power on controller 6 times

Connect phone with home wifi 2.4GHZ network

Open the APP interface, click "+"

Click "Lighting" and "Light source (BLE+Wifi)

Complete the rest steps



Function Instruction



APP

Static Mode

Adjust or save pure static illumination



28 kinds of white color 80 kinds of rgb color

Change color, width, speed and brightness for all those modes

Save 8 scenes

For example, regarding as App

Dynamic Mode (select it via remote)

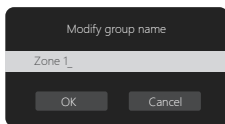
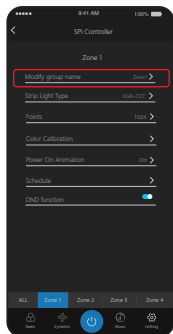
28 kinds of white color, 80 kinds of rgb color, save favorite modes and 8 scenes mode, all modes can change color ,brightness, width and speed

Music Mode

8 kinds of music mode work with internal microphone and smart phone microphone

Setting Communication Protocol

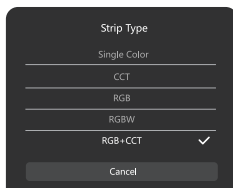
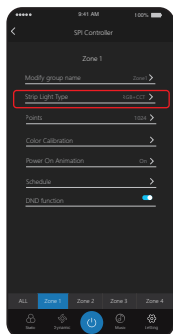
The group name can be modified through the APP.



Modify group name

Setting LED strip light

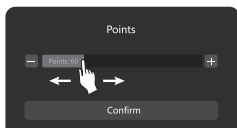
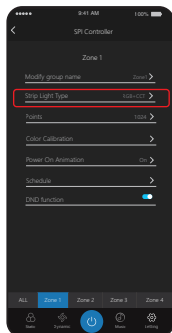
Change output based on different LED strip lights like single color, cct, rgb, rgbw, rgb+cct



LED strip light types

Setting Pixel points

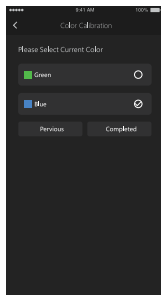
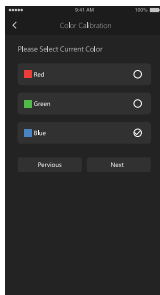
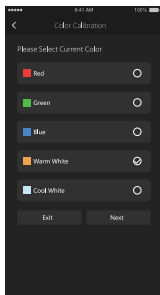
Setting it via program



Slip the slider to change numbers

Color Calibration

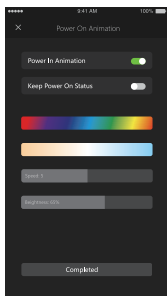
Correct the color of led strip light via APP



Following the tip to complete color calibration

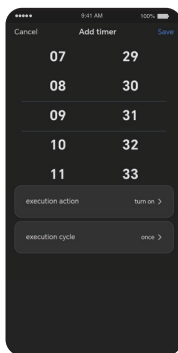
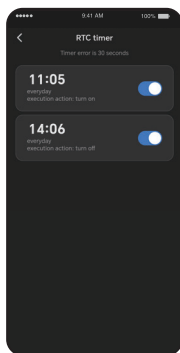
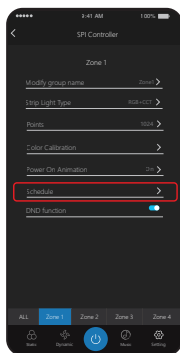
Boot Animation

Setting color or color temperature, speed and brightness



Timer Function

Setting it via APP



DND Mode ON/OFF

Turn on DND mode (usually using in power failure area to save power)

Attention

1. Please turn off power supply before installation.
2. Please ensure input voltage to be same as requirements from device.
3. Don't disassemble device if you are not expert, otherwise it will damage it.
4. Please do not use the light in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.



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