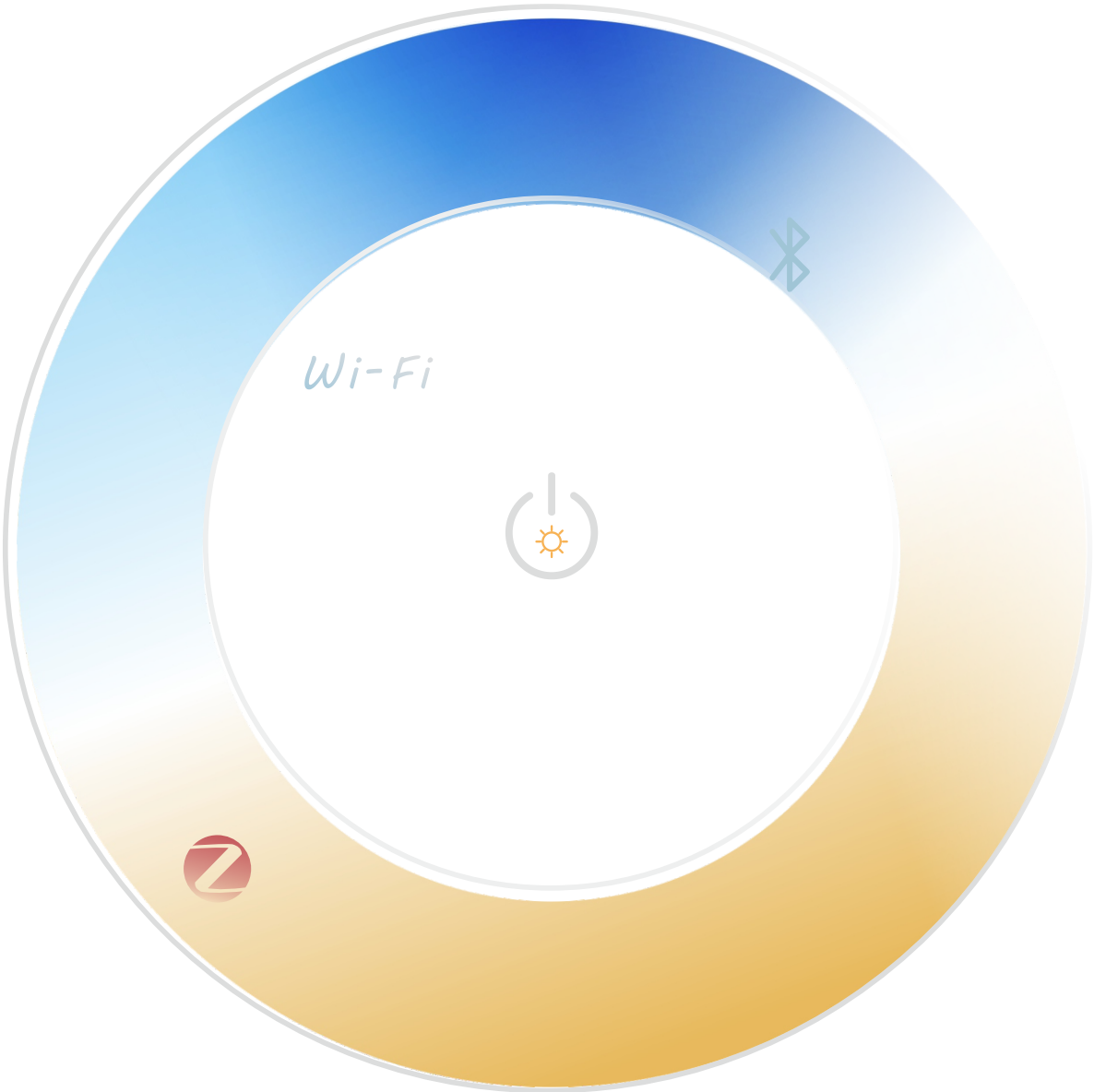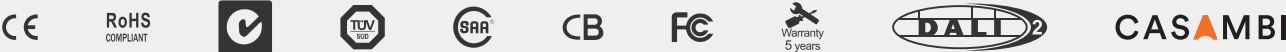SKYDANCE 2025
Lighting Control System

TINTSKY

Email: sales@iskydance.com
https://www.iskydance.com

Guangzhou Skydance Co.,Ltd
No.36,Zhongsan,Shiguang Road,Zhongcun Street,Panyu District,Guangzhou, China

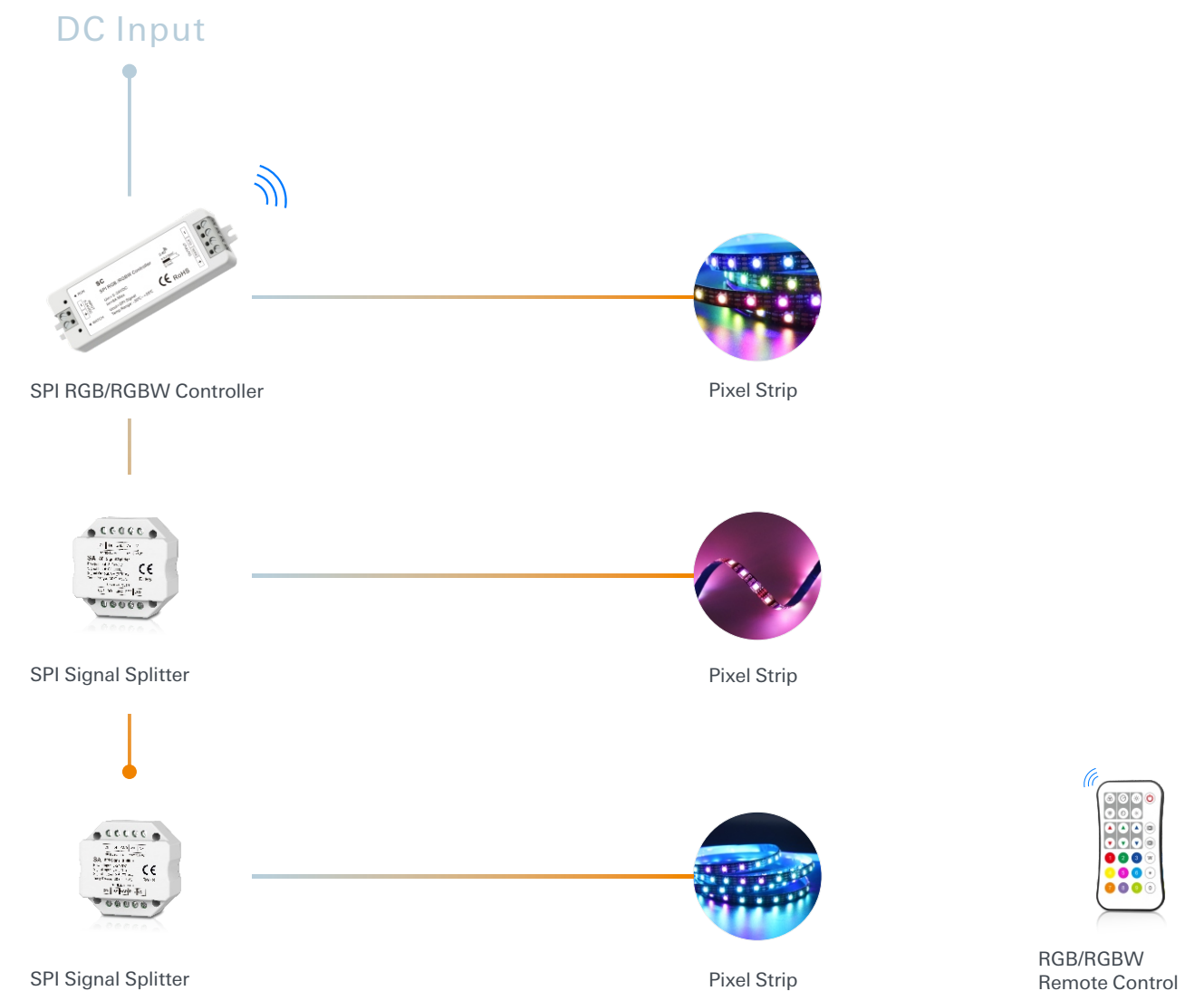Tel: +86 20 8450 1739/ 8471 4495
Fax: +86 20 23830061

CE RoHS COMPLIANT TUV SUD SAA CB FC Warranty 5 years DALI 2 CASAMBI

SKYDANCE
GUANGZHOU SKYDANCE CO.,LTD

2025
PRODUCT CATALOG

Wi-Fi

LIGHTING CONTROL SYSTEM

Lighting controls / LED dimmer / Intelligent driver

• Wireless • DMX512 • Triac • DALI • 0/1-10V • Sensor

SPI Series

SPI Series

SKYDANCE SPI Symphony series products include RF SPI controller, WiFi RF SPI controller and SPI signal amplifier.
The SPI controller or decoder adopts DC5-24V constant voltage power supply and outputs 1/2/3 SPI signal (DATA+CLK),
Compatible with up to 47 RGB/RGBW chip types, R/G/B color sequence can be set, 40 dynamic change modes are supported,
The maximum control point is 1024 pixels, bringing you a fantastic color experience.

DC Input

SPI RGB/RGBW Controller

Pixel Strip

SPI Signal Splitter

Pixel Strip

SPI Signal Splitter

Pixel Strip

RGB/RGBW
Remote Control

SKYDANCE

www.iskydance.com

SKYDANCE

SPI series

www.iskydance.com

▶ Dual PIR Sensor + Dual Push Button SPI Controller
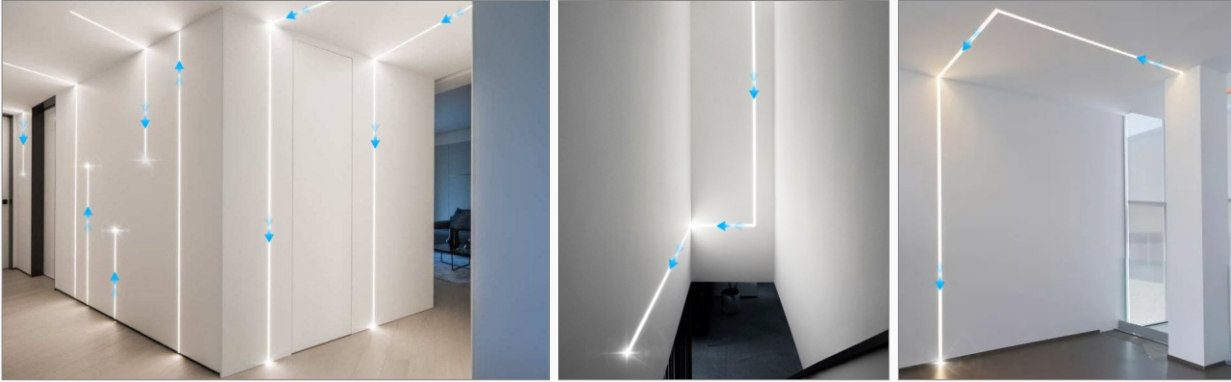
LUX detection   Push switch   Timer delay   Inductive control

- 4 lighting modes selectable
- Can drive 28 kinds IC digital RGB or white LED strip, IC type and R/G/B order can be set
- Multiple light colors and change types are selectable
- Easy operation with buttons
- Work with RGB or white light SPI Pixel led strips, Max 960 Pixel number
- One push switch connect with multiple controllers for sequential switching control
- 1-8 level light speed and 1-10 level brightness adjustable

ES-D (With Sensor)   **ES-DP** (Without Sensor)

170×52×23MM

Model No.	Input Voltage	Input Signal	Output Signal	Pixel number
ES-D	5-24VDC	PIR sensor or Push button	2 x SPI (TTL)	Max 960
ES-DP	5-24VDC	Push button	2 x SPI (TTL)	Max 960

- Work with RGB or white light SPI Pixel led strips, Max 960 Pixel number
- Can drive 28 kinds IC digital RGB or white LED strip, IC type and R/G/B order can be set
- Easy operation with buttons
- One push switch connect with multiple controllers, for sequential switching control
- Multiple light colors and change types are selectable
- Tuya smart APP control, Voice control(Support for Amazon Alexa, Google Assistant etc.)
- APP painted segment color mixing function
- APP custom rich dynamic effects: 44 default and 10+ custom dynamic scenarios, 16 variations
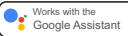- 3 APP music rhythms

ES-D(WT) (With Sensor)   **ES-DP(WT)** (Without Sensor)

170×50×23MM

Model No.	Input Voltage	Input Signal	Output Signal	Control Dots
ES-D(WT)	5-24VDC	PIR sensor / Push button / WiFi / RF 2.4GHz	2 X SPI(TTL)	Max 960
ES-DP(WT)	5-24VDC	Push button / WiFi	2 X SPI(TTL)	Max 960

▶ Wi-Fi & Zigbee SPI LED Controller

RF Remote control   Voice control   App control   Scene edit   Music play   Device sharing   Timer function   Group control

- RGB/RGBW Wi-Fi LED strip controller
- RF remote control, APP control and voice control, compatible with Amazon Alexa, Google home etc
- Rich dynamic effects: 44 default and 10+ custom dynamic scenarios, 16 variations
- Compatible with 49 kinds of digital IC of RGB/RGBW LED strips (R9 remote optional)
- Painted segment color mixing: full color lling, color pencil segment painting, eraser segment light off
- Multiple music rhythms: 6 local music rhythms, 3 APP music rhythms
- Control max 1000 pixel dots

WT-SPI   WT-SPI+R9 Set   **WZ-SPI**

114×38×20MM

Model No.	Input Voltage	Input Signal	Output Signal	Control Dots
WT-SPI	5-24VDC	Wi-Fi / RF 2.4G / Voice	2 X SPI(TTL)	1000
WZ-SPI	5-24VDC	ZigBee / RF 2.4G / Voice	2 X SPI(TTL)	1000

▶ SPI RF LED Controller

- Output two group SPI signals, digital display, 3-button operation
- Match with RF 2.4G remote control optional
- 32 kinds color light dynamic mode, 8 kinds white light dynamic mode, include horse-race, chase, flow, trail, meteor or gradual change style
- Three push switches can be connected for on/off, dynamic change mode and speed selection functions
- DIP switch set color light and white light mode
- Max 900 pixel dots

170 X 50 X 23MM

Model No.	SC-L
Input Voltage	5-24VDC
Input Signal	RF 2.4GHz + push switch
Output Signal	SPI(TTL) x 2
Control dots	Max. 900pixels

- RF 2.4G RGB/RGBW remote control
- Compatible with 47 kinds of digital IC of RGB/RGBW LED strips
- 40 kinds dynamic mode, include horse-race, chase, flow, trail or gradual change style
- Max 1024 pixel dots

SC+R9 Set   97×33×18MM

Model No.	SC
Input Voltage	5-24VDC
Input Signal	RF 2.4GHz
Output Signal	SPI (TTL)
Control Dots	1024

R9 RF remote + Power Supply (5-24VDC Constant Voltage) + SPI Controller + SPI light

▶ SPI Signal Splitter

- Split 1 group SPI signal (data+clock) to 2 group SPI signals
- Split 1 group SPI signal (data+clock) to 6 group SPI signals
- Used with SPI controller, applied to synchronous control multiple SPI digital RGB or RGBW LED strips

Model No.	Input Voltage	Input Signal	Output Signal	Size (mm)
SA	5-24VDC	1 group SPI (TTL) signal	2 group SPI (TTL) signals	52 X 52 X 26
SA6	5-24VDC	1 group SPI (TTL) signal	6 group SPI (TTL) signals	140 X 75 X 28

03 | SPI   SKYDANCE   www.iskydance.com   SKYDANCE   SPI | 04