**LIGHTING** CONTROL SYSTEM
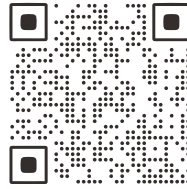
⬡ **SKYDANCE**

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2025
PRODUCT CATALOG

Wi-Fi

⬡ **SKYDANCE**

Lighting Controls / LED Dimmer / Intelligent Driver

CE | RoHS COMPLIANT | TÜV | UL | SAA | CCC | CB | FC | Warranty 5 years | DALI 2 | CASAMBI | 18 | UK CA

Wireless | DMX512 | Triac | DALI | 0/1-10V | Sensor | SPI

⬡ **TINTSKY**

# Professional LED
# Controller Manufacturer

Wi-Fi

Making Lighting
Control Better,
Easier And
More Complete!

## CONTENTS

# About Company



## GUANGZHOU SKYDANCE CO., LTD

To be the leading innovator in intelligent control system industry!

Guangzhou Skydance Co.,Ltd was founded in 2014 located in Guangzhou, China. We are specialized in research and development of Lighting Control system. We are a national high-tech enterprise. We insist to use the highest quality component and the strict quality control technique to ensure the reliability and long life of our products; we take pride in designing each product with the goal of providing the best lighting control performance possible in its price range.

Skydance dedicates to producing a variety of LED lighting control solutions, including RF wireless system , DMX512 system, AC Triac system, 0/1-10V system, DALI system, Sensors , Power repeaters, SPI dimmers, etc. Which are compatible with systems of Lutron, Philips, Osram, Dynalite ,Schneider, ABB, Leviton, JUNG, Berker, etc.

Skydance devotes to develop products with state-of-the-art technologies. With R&D team support, we launch new products every month.

The R&D team has abundant experience in industrial design, electronic driver, heat simulation analysis, light control system. We own many patents and designs which give us a unique presence in the lighting control field. All the products we design fully follow UL and EU electrical safety standards.

### 2014
Skydance established

### 2015
Obtain patents for LED controller 2.4G RF wireless products

### 2016
Release DMX512, 0/1-10V, Triac system products

### 2017
Build strong R&D team and achieve success in smart lighting control area

### 2021
Became DALI member and launched DALI products, wifi, bluetooth, zigbee products introduced to the market

### 2020
Skydance expands production and moves to the new factory and office building, release sensor items, voice control and cloud control products

### 2019
Skydance achieves SGS ISO 9001:2015 certification

### 2018
Skydance has provided more than 1,000,000 pcs LED controllers to global market

### 2022
Improve 2.4G RF, DMX512, 0/1-10V, Triac, dimmable driver etc.to upgrade Skydance LED lightingcontrol system, participated in Frankfurt Lighting+Building exhibition

### 2023
Develop more scene control products, provide more options for smart lighting application

### 2024
Release DALI LCD panel master, Matter series products, and multiple LED drivers passed CCC certification

### 2025
Expand production and relocate to a new factory and office building, with multiple LED drivers having passed TUV and CB certification

# Company Images



Skydance has complete SMT process equipment and advancedproduction equipment such as wave soldering tin furnace and laserengraving machine. It has AOI automatic optical inspection machine,a number of advanced testing equipment such as semi-finished and finished producttesting and aging testing systems have laid a solidfoundation for high-efficiency and high-quality production and ensuredthe quality of finished products.

- Material inspection
- Inspection during production
- 100% inspection of finished product
- Regular maintenance of production and testing equipment
- 5 Years warranty

**IS0 9001: 2015**


Workshop 01


Workshop 02


Workshop 03


Power aging test instrument 01


Temp & Humi programmable chamber


SMT process equipment


DIP AOI the tester


Solder paste printer


Wave-Soldering 02


Drop test machine


Transportation vibration testing machine


SMT AOI detector


Reflow-Soldering


Laser engraving machine


SMT AOI detector 02


SMPS outo test system

# Certificates

## 🛡️ Enterprise Honor

High-tech Enterprise Certification
Technology SMEs
DiiA Alliance Registered Member
Top 100 Intelligent Lighting Ecological Enterprises
Member Unit of Guangdong Lighting Association

## ✓ Patent Certification

SKYDANCE has own R&D department, and new products come out every month. Our products have won many patent awards, including design patents, utility model patents, etc. We accept OEM/ODM customization and have long business relationship with many famous brand customers.

## 🌐 Global Certification

Skydance has used advanced science and technology, rigorous manufacturing process, and perfect quality management systemin the process of R&D and manufacturing, and has passed ISO, CE, authoritative quality system certification and product certification such as ROHS, REACH, EMC and TUV. 100% of the products produced by Skydance has undergone strict quality inspection, and the product quality assurance is 5 years.

CE  RoHS COMPLIANT  CB  FC  TUV  KC  c  SAA  DALI  Z  CASAMBI

# International Sales

**120+** **Product patents**
More than 120 products have passed the national patent

**800+** **Self-developed products**
Extensive experiences of researching and developing new products

**130+** **Sell to countries**
Distributed worldwide, gained great share of the market and popularity

**12000+** **Factory area**
A wide area, and with good production capability

**300+** **Staffs**
A team that prides itself on high quality manufacture and service

**100W+** **Users**
Serving over 1 million customers worldwide

**Certifications**
Our products are certified and built to work for global market

**Awards**
Our products participte and have won awards worldwide

# Project Case

At present, SKYDANCE has provided 1 million+users around the world with intelligent control systems and products for home and commercial use, combining innovative technology and high-quality services. It brings a better intelligent lightingcontrol experience to users.

## Skydance lighting control system

is used in **Tens of thousands**
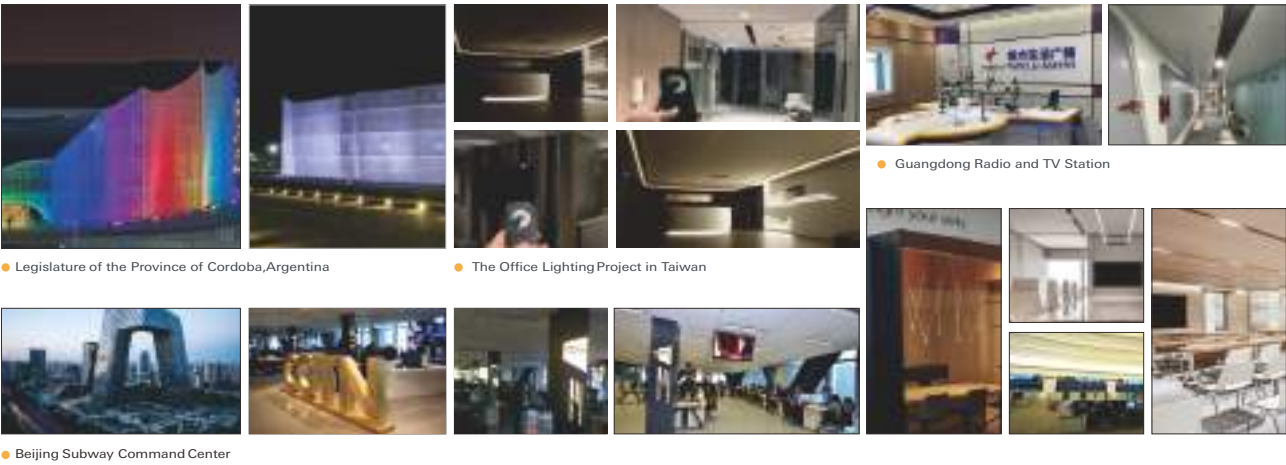
of lighting projects around the world

## Home lighting

Skydance RF wireless control, voice + remote control, induction and other series of lightingcontrol systems and products, with their intelligent and convenient advantages, help global users to create a combination of lighting and decoration and beautification. It can meet theneeds of users of different ages and different functions, such as illumination, color temperature and atmosphere, so that users can enjoy the relaxed, happy and warm home.
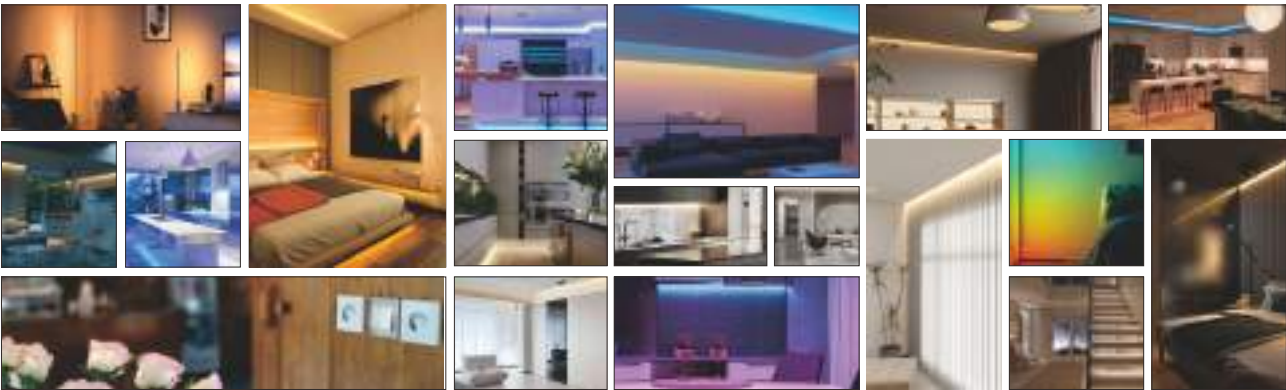
## Office lighting

Skydance is committed to creating a healthy, comfortable and vibrant office lighting environment for users, helping employees improve work efficiency and creativity, reducing work pressure and physical fatigue of employees, and at the same time Leverage technological innovations to helpbusinesses save electricity, reduce carbon emissions, and provide ease of maintenance.

- Legislature of the Province of Cordoba,Argentina
- The Office Lighting Project in Taiwan
- Guangdong Radio and TV Station
- Beijing Subway Command Center

## Commercial lighting

Skydance has a flexible commercial lighting control system and products, which can help users create a suitable illumination and create a comfortable business atmosphere, and at the same time highlight the characteristics of the displayed products and enhance the art. It plays a guiding role and attracts the attention of consumers. Therefore, it is widely used in commercial stores such as hotels, restaurants, clothing stores, jewelry stores, and 4S stores.

- Heze Music Restaurant
- Xiamen Five Star Hotel-W Hotel
- Guangzhou CBD Tiande Plaza - Tiandehui
- The City of Dream
- Galaxy Hotel Macau Children's Park
- Wireless SPI Control in Taiwan Entertainment Space
- The Wynn Macau Casino
- The Wynn Macau Casino
- Henan Information Security Industry Demonstration Park
- Concert Hall of the National Center for the Performing Arts
- Beijing Daxing Airport in China
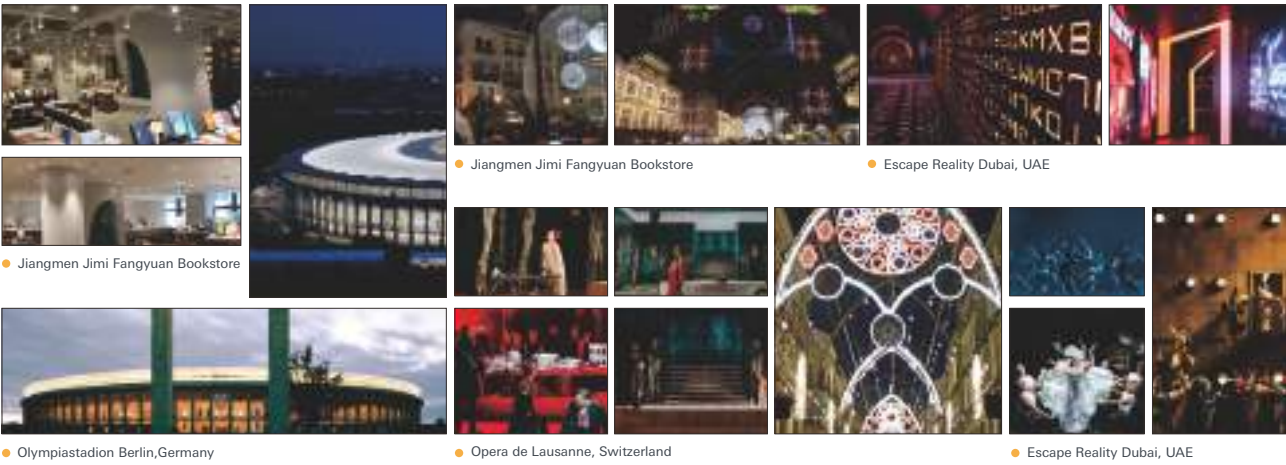- Saic Volkswagen ID.Store City exhibition hall

## Outdoor space

Skydance lighting control systems and products takeinto account both functionality and aesthetics, and canhelp users create festival celebrations. architectural nightscenes, public information and advertising signs in the form of artistic lighting, while meeting the needs of energy conservation and environmental protection, createsa light environment that is pleasing to the eye and fully reflectsfully reflects the characteristics of buildings, roads or places and times.

- Spain Street Lighting Decoration
- TomorrowLand Music Festival
- Olympiastadion Berlin,Germany
- Legislature of the Province of Cordoba, Argentina
- Shandong university comprehensive gymnasium
- Fusion Festival

## Culture and art

Skydance lighting control system is also widely used in the field of culture and art. By controlling the color, brightness, dynamic mode, etc. of the lights, unique visual effects and artistic atmosphere are created, enhancing the artistic appeal of the performance, highlighting the artistic value and beauty of the exhibits, and provides a better viewing experience for the audience.

- Jiangmen Jimi Fangyuan Bookstore
- Escape Reality Dubai, UAE
- Jiangmen Jimi Fangyuan Bookstore
- Olympiastadion Berlin,Germany
- Opera de Lausanne, Switzerland
- Escape Reality Dubai, UAE

# Wireless

Skydance RF wireless system has been designed to meet the lighting control requirements of residential applications including reliability, aesthetics, functionality, and ease of use and installation. Its completely scalable architecture and RF technology means that it is suitable for new or retrofit applications ranging from individual rooms or offices to entire residences. With a capacity of over 1000 devices RF Lighting Control has practically unlimited system capacity.

| 0-100% Brightness | Auto-transmitting | Auto-synchronization |
|---|---|---|

## ▶ Complete and Utter Control

Skydance RF Lighting Control offers a wide range of devices to extend the system functionality including RF wireless handheld remotes, touch panel remote & controller, PWM LED controllers, Wi-Fi converters, Wall switches, Dimmers, DMX decoders, etc, to achieve light effects of brightness, color temperature, RGB, RGBW, and RGB+CCT.

| Smart phone | Remote | Switch | Controller | Memory | DMX Master | Driver |
|---|---|---|---|---|---|---|
| Decoder | Dimmer | Bulb | Footlight | Bulb | Andriod | IOS |

## ▶ Multiple Control Options

With our 2.4 GHz Wireless technology, you can control all kinds of lights by connecting to Wi-Fi, smart phones, panel dimmers, and remote controls. We meet our customers' needs by providing a variety of methods to control their lights.

Wall touch panel remote

Simple control

Smart phone with App

Handheld remote

Google Home
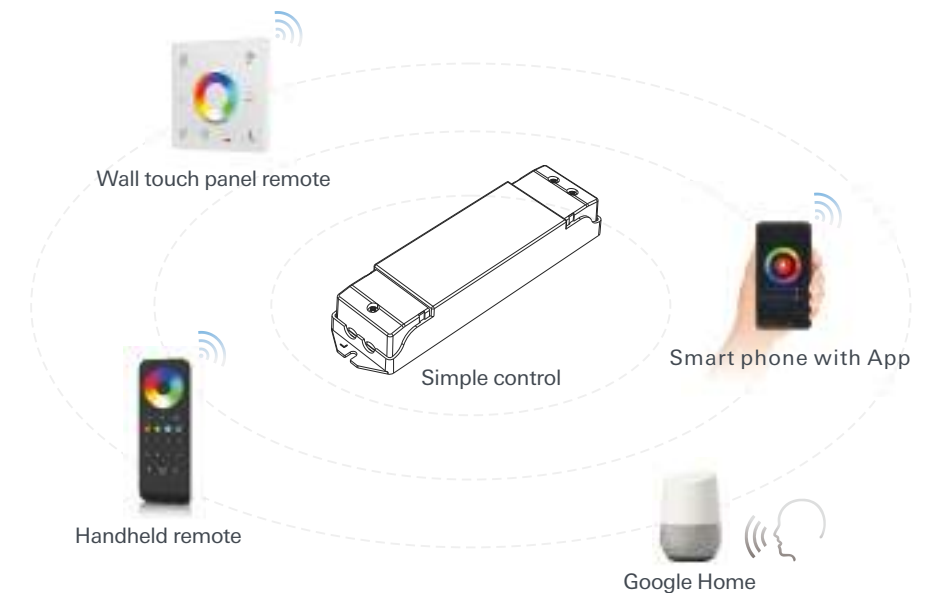
# RF LED Controller & Remote

☑ 0-100% Smooth dimming

☑ 30m remote control range

☑ Zone control and separate control

☑ Multiple scenes preset

* The study

* Living Room

Zone2

Zone1

Zone3

Zone4

* The kitchen

* Bedroom

RF remote          RF wall panel          LED controller          LED strip

## Loaded with Memory

Each Skydance's controller has 32KB of flash memory, with more than enough space to run complex software smoothly, manage secure updates and store as many settings as needed.

This memory also allows the light to be loaded with dynamic light modes such as mesmerizing deep dive, fun and light-hearted pastel colors, RGB jump, RGB smooth, 6-color smooth, yellow cyan purple smooth, RGB fade in and out, red fade in and out, green fade in and out, blue fade in and out, or white fade in and out, so that you can continue enjoy lighting ambiences modes after the power restart.
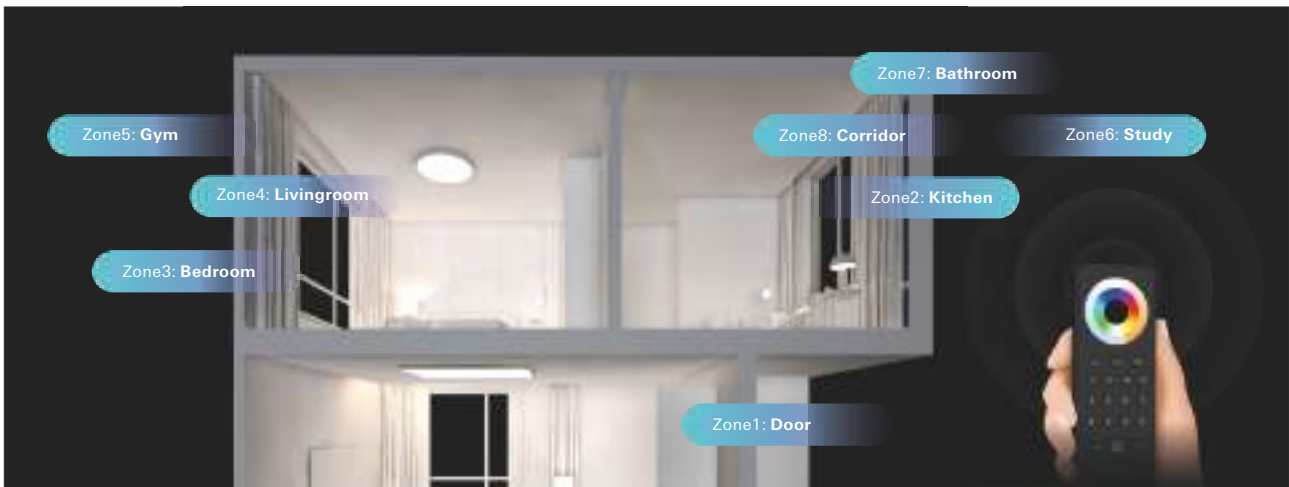
**32KB**

## Favorites for Every Space

The Scene buttons on the remote and App let you set custom favorite modes for each space. Pushing the favorite scene 1 button in your living room can set a different light mode for your bathroom or bedroom. What's more, our patented feature makes favourite scene on APP don't effect the scene on your existing remotes and switches.

1  2  3
4  5  6

1 Scene  2 Scene  3 Scene
4 Scene  5 Scene  6 Scene
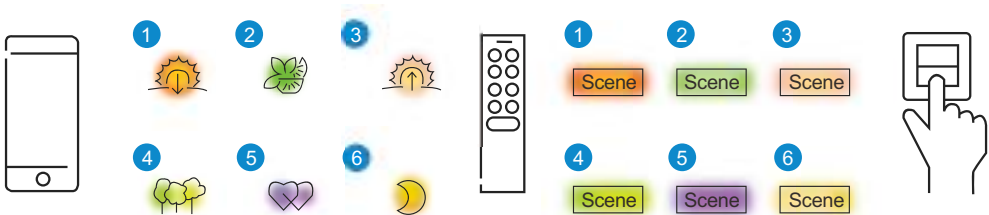
## Wireless Group Control in Multiple Zones

Multiple LED lights with LED controller can be group controlled by one remote at the same time. Press one single zone button to select one or multiple lights in one room. Remotes can have 1-8 zone buttons depending on the series. Even more, you can select up to 16 different zones in the SkySmart App on your phone through Wifi-Relay converter.

Zone7: Bathroom
Zone5: Gym
Zone8: Corridor
Zone6: Study
Zone4: Livingroom
Zone2: Kitchen
Zone3: Bedroom
Zone1: Door

## ▶ RF LED Controller (DIM)

> 4096 levels 0-100% dimming smoothly without any flash
> With light on/off fade time 0.5s or 3s selectable
> Over-heat / Over-load / Short circuit protection, recover automatically

> 1 channel constant voltage output, logarithmic dimming
> Support RF remote control, push dim switch control

- With digital numeric display, visible dimming level
- RF remote control or rotary knob control
- PWM frequency 500HZ, 2KHZ, 8KHZ or 16KHZ selectable
- Over-heat / Over-load / Short circuit protection, recover automatically

* LED indicator          * Installation rack
* Match key
* Digital display
* Rotary switch
* Dip switch setting

107×75×38MM

### V1 / V1-F
- PWM : 2KHZ
- V1-F with light on/off fade time 1s, 3s, 5s, 10s, 20s selectable
97×33×18MM

### V1-L / V1-L/P
- V1-L PWM : 500HZ
V1-L/P PWM: 500HZ / 2kHZ / 8kHZ / 16kHZ
175×45×27MM

### V1-H / V1-H/P
- V1-H PWM : 500HZ
V1-H/P PWM: 250HZ / 500HZ / 2KHZ / 8KHZ
52×52×26MM

### V1-T
- Support RF remote control, push dim switch or 0/1-10V dimmer control
- PWM:500Hz/2KHz/8KHz/16KHZ
107×75×24.5MM

### S1-HV
- 1 channel high voltage output
- PWM : 2KHZ
56×49.5×28MM

### V1-B
- Rotate knob to change brightness and fade speed
- PWM: 250HZ/500HZ/1KHZ/2KHZ/4KHZ/8KHZ/16KHZ
90×40×28MM

### V1-C
- Switch and dimming by 3 buttons
- PWM: 500HZ/2KHZ/8KHZ/16KHZ
90×40×28MM

### V1-PD
- One button for on/off, and brightness adjustment
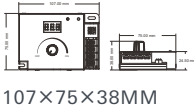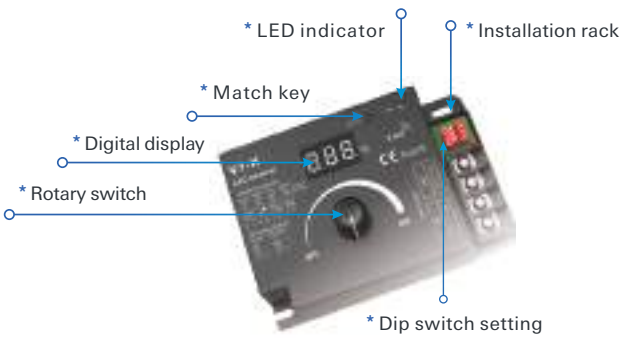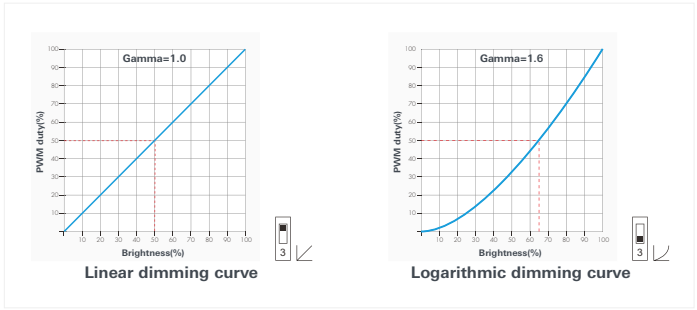- PWM: 2KHz
70X34.5X15MM

### V1-KS / V1-KC (without RF)
- Rotary knob to change the brightness
- PWM: 500HZ/2KHZ/8KHZ/16KHZ
66×59×32MM

### PWM frequency

| 16KHz | 8KHz | 2KHz | 500Hz | |
|---|---|---|---|---|
| 10A | 10A | 15A | 20A | (12-24V) |
| 8A | 8A | 12A | 15A | (36-48V) |

### Dimming curve setting

Gamma=1.0
Linear dimming curve

Gamma=1.6
Logarithmic dimming curve

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| V1 | 5-36VDC | 5-36VDC | 1CH*8A | 5V<40W, 12V<96W, 24V<192W, 36V<288W |
| V1-F | 12-48VDC | 12-48VDC | 1CH*8A | 5V<40W, 12V<96W,24V<192W, 36V<288W, 48V<384W |
| V1-L / V1-L/P | 12-48VDC | 12-48VDC | 12-24V:1CH*15A 36-48V:1CH*10A | 12V<180W, 24V<180W, 36V<360W, 48V<480W |
| V1-H / V1-H/P | 12-48VDC | 12-48VDC | 12-24V:1CH*8A 36-48V:1CH*4A | 12V<72W, 24V<144W, 36V<108W, 48V<144W |
| V1-T | 12-24VDC | 12-24VDC | 1CH*20.5A | 12V<240W, 24V<480W |
| S1-HV | 100-240VAC | 100-240VAC | 1CH*1.5A | 150-360W |
| V1-B | 12-24VDC | 12-24VDC | 1CH*20A@250Hz/500Hz/2KHz; 1CH*15A@4K/8KHz;1CH*10A@16KHz; | 12V<240W@250/500/2KHz; 24V<480W@250/500/2KHz; 12V<180W@4K/8KHz; 24V<360W@4K/8KHz; 12V<144W@16KHz; 24V<288W@16KHz |
| V1-C | 12-24VDC | 12-24VDC | 1CH*20A@500Hz/2KHz; 1CH*15A@8KHz;1CH*12A@16KHz | 12V<240W@500/2KHz; 24V<480W@500/2KHz, 12V<180W@8KHz; 24V<360W@8KHz |
| V1-PD | 5-24VDC | 5-24VDC | 1CH*4A | 5V<20W, 12V<48W, 24V<96W |
| V1-KS | 12-48VDC | 12-48VDC | 1CH*8A@12-24V; 1CH*6A@36-48V | 12V<96W, 24V<192W, 36V<216W, 48V<288W |
| V1-KC (without RF) | 12-48VDC | 12-48VDC | 1CH*8A@12-24V; 1CH*6A@36-48V | 12V<96W, 24V<192W, 36V<216W, 48V<288W |

## Rotary LED Dimmer

Rotary dimming / Numeric display / Max 20A/Four PWM frequency/ Linear or logarithmic dimming/Multiple protection

Power Supply 12-48VDC Constant Voltage          AC100-240V

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| V1-K | 12-48VDC | 12-48VDC | 1CH*20A | 12V<240W, 24V<480W, 36V<720W, 48V<960W |

## ▶ Mini RF LED Controller (DIM)

SKYDANCE 1 channel Mini RF LED controller match with 1 zone or multi-zones RF handy remote, RF wall panel or extra push dim switch to control single color LED strips. 1 RF controller can maximum match to 10 remote controls, 1 remote can be matched to unlimited LED controllers in theory, with auto-transmitting function, multiple controllers synchronized.

| **V1-W** | **V1-N** | **V1-M** | **V1-M(D)** | **VD1** | **V1-D** |
|---|---|---|---|---|---|
| PWM :500HZ | Push dim switch control optional PWM :500HZ | PWM : 500HZ | PWM :500HZ | PWM :2KHZ | without RF PWM :1KHZ/8KHZ |
| 60 X 14 X 5.8 | 60 X 14 X 5.8 | 64 X 23.5 X 8.5 | 64 X 23.5 X 8.5 | 73 X 35 X 14 | 55×13 |

| **V1-A** | **V1-WPM** | **V1-Q(U)** | **V1-Q(D)** | **V1-KN** | **V1-SP** |
|---|---|---|---|---|---|
| without RF PWM :500HZ/2KHZ/8KHZ | IP67 PWM :2KHZ | without RF PWM :2KHz/8KHz | without RF PWM :2KHz/8KHz | without RF PWM :2KHz | PWM :500Hz/ 2KHz/8KHz/ 16KHz |
| 55×8×10 | 87 X 35 X 29 | 165.4 X 18 X 10 | 165.4 X 18 X 10 | 37.5 X 25.6 X 25.6 | 42.5 X 38.5 X 18 |

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Power Connector | LED Connector |
|---|---|---|---|---|---|---|
| V1-W | 12-24VDC | 12-24VDC | 1CH*3A | 12V<36W, 24V<72W | Red/Black Cable10cm | Red/Black Cable 10cm |
| V1-N | 12-24VDC | 12-24VDC | 1CH*3A | 12V<36W, 24V<72W | Red/Black Cable10cm | Red/Black Cable 10cm |
| V1-M | 12-24VDC | 12-24VDC | 1CH*5A | 12V<60W, 24V<120W | Red/Black Cable10cm | Red/Black Cable 10cm |
| V1-M(D) | 12-24VDC | 12-24VDC | 1CH*5A | 12V<60W, 24V<120W | 5.5mm DC Female Jack | 5.5mm DC Male Jack |
| VD1 | 5-24VDC | 5-24VDC | 1CH*5A | 5V<25W,12V<60W, 24V<120W | 5.5*2.1mm DC Female Jack | 5.5*2.1mm DC Male Jack |
| V1-D | 12-24VDC | 12-24VDC | 1CH*6A | 12V<72W, 24V<144W | / | / |
| V1-A | 5-24VDC | 5-24VDC | 1CH*4A | 5V<20W, 12V<48W, 24V<96W | / | / |
| V1-WPM | 12-24VDC | 12-24VDC | 1CH*5A | 60W@12V 120W@24V | / | / |
| V1-Q(U) | 5VDC | 5VDC | 1CH*3A | 15W | USB male | White two-core wire |
| V1-Q(D) | 5-24VDC | 5-24VDC | 1CH*3A | 5V<15W, 24V<72W | DC female | White two-core wire |
| V1-KN | 5-24VDC | 5-24VDC | 1CH*3A | 5V<15W, 24V<72W | Red/Black Cable | Red/Black Cable |
| V1-SP | 12-48VDC | 12-48VDC | 12-24V:1CH*6A 36-48V:1CH*5A | 12V<72W,24V<144W, 36V<180W,48V<240W, | / | / |

## ▶ RF LED Panel Controller (DIM)

- 256 levels 0-100% dimming smoothly without any flash
- 3 channels output
- RF remote control or rotary button control
- PWM : 2KHZ / 8KHZ
- Reverse polarity, over heat, short circuit protection

- 256 levels 0-100% dimming smoothly without any flash
- 2 channels output
- RF remote control or touch key/slide control
- PWM : 1KHZ / 2KHZ / 16KHZ

**T1-K**

**T1 (T1-1)**

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| T1-K (White/Black) | 12-48VDC | 12-48VDC | 3CH*4A | 12V<144W,24V<288W, 36V<432W,48V<576W | 86×86×48 |
| T1 (T1-1) (White/Black) | 12-48VDC | 12-48VDC | 2CH*5A, 12-24V 2CH*3A, 36-48V | 12V<144W,24V<288W, 36V<432W,48V<576W | 86×86×33 |

## ▶ RF Handy Remote Control(DIM)

SKYDANCE battery powered handy RF dimming remote controls 1 zone or multi-zones match with single color LED controllers for dimming, switch on/off, zones or scenes setting, with magnetic or non-magnetic back holder, removeable or can be fixed on somewhere with holder or wall paster.

| **R6-1** (White/Black) | **R6** (White/Black) | **RT1** | **RT6** | **RT8** |
|---|---|---|---|---|
| 1 zone 3 scene CR2032 battery | 4 zone 3 scene CR2032 battery | 1 zone 4 scene AAA*2 battery | 4 zone 4 scene AAA*2 battery | 8 zone 4 scene AAA*2 battery |
| 107×58.5×9MM | 107×58.5×9MM | 122×63×17.5MM | 122×63×17.5MM | 122×63×17.5MM |

| **R11** (White/Black) | **R1** (White/Black) | **RU4** (White/Black) | **RU8** (White/Black) | **RS1** |
|---|---|---|---|---|
| 1 zone CR2032 battery | 1 zone 2 scene CR2032 battery | 4 zone CR2032 battery | 8 zone CR2032 battery | 4 zone 3 scene AAA*2 battery |
| 139×36×11MM | 135×40×11MM | 135×40×11MM | 135×40×11MM | 155×43×17.5MM |

* Dimming or turn on/off

| **RS6** | **RM1** (White/Black) | **R1-1** (White/Black) | **RK4-1** | **RK4-U** |
|---|---|---|---|---|
| 4 channel 4 scene AAA*2 battery | 1 zone CR2032 battery | 1 zone CR2032 battery | 1 zone CR2032 battery | 4 zone 4 Scene CR2032 battery |
| 155×43×17.5MM | 100×47×8MM | Φ43×17MM | Φ75×18MM | Φ75×18MM |
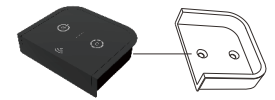
**EF-T**

Back holder

DIM/CCT/RGB/RGBW /RGB+CCT CR2450 battery 52×42×12MM

**RV1** (White/Black)

1 zone 2 scene or 2 zone CR2032 battery 139X36X12MM

Use screws or 3 madhesive to fix the installation:

Slotted recessed installation:

| Choose a suitable position | Use screws or 3M adhesive to secure the back holder | Insert the remote control into the back holder | Cut slots above the boards according to the back holder dimensions | Use screws or 3M adhesive to secure the back holder | Insert the remote control into the back holder |
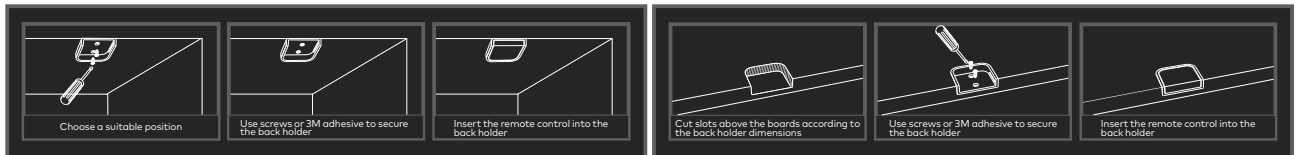
## ▶ RF Wall Panel Remote(DIM)

SKYDANCE battery powered wall mounted 1 zone or multi-zones RF dimming panel match with single color LED controllers for dimming, switch on/off, zones or scenes setting.

(( Wireless

High sensitive

S Scene

LED indicator

Smooth touch

86×86mm

* CR2032 button battery powered

Thickness 9.5mm

* Ultra-thin design

86×86×9.5MM | 86×86×9.5MM | 86×86×14MM

| Model | Zone | Scene | Working voltage |
|---|---|---|---|
| TW1-4 (White/Black) | 4 zone | | CR2032 battery |
| TW1 (White/Black) | 1 zone | 4 scene | CR2032 battery |
| PF1-2 | 2 zone | | CR2032 battery |

86×86×23MM | 86×86×20.5MM | 91×57×52MM

| Model | Zone | Scene | Working voltage |
|---|---|---|---|
| Pk1 | 1 zone | | CR2032 battery |
| T21 (White/Black) | 4 zone | 3 scene | AAA*2 battery |
| Rk1 | 1 zone | | CR2032 battery |

86×86×10MM

| Model | Zone/Scene | Working voltage |
|---|---|---|
| TL1 (White/Black) | 4 Scene or 4 Zone | CR2032 battery |

## ▶ RF LED Controller Kit(DIM)

> Apply to single LED light

> 4096 levels 0-100% dimming smoothly without any flash

> Auto-transmitting and synchronize function

> Light on/off fade time 3s selectable

> Blister and color box packing options

> Easy installation and end user friendly

**Color Box**

128×128×27MM | 133×195×22MM | 125×200×22MM

| Model | Input voltage | Output voltage | Output current | Output power | Battery | Remote distance |
|---|---|---|---|---|---|---|
| V1+R6-1 | 5-36VDC | 5-36VDC | 1CH*8A | 5V<40W,12V<96W, 24V<192W,36V<288W | 3VDC (CR2032) | 30m |
| V1+RT1 | 5-36VDC | 5-36VDC | 1CH*8A | 5V<40W,12V<96W, 24V<192W,36V<288W | 3VDC (AAAx2) | 30m |
| V1+R11 | 5-36VDC | 5-36VDC | 1CH*8A | 5V<40W,12V<96W, 24V<192W,36V<288W | 3VDC (CR2032) | 30m |

**RF Wireless 2.4G Single Color Dimming Application**

* Dimming Controller

* Remote Control (DIM)

## ▶ RF LED Controller(CCT)

SKYDANCE 2 channels RF LED controller matchs with 1 zone or multi-zones RF remote control.1 RF controller maximum matches up to 10 remote controls, 1 remote matches to unlimited LED controllers, with auto-transmitting function, synchronize on multiple number of controllers.

> 4096 levels 0-100% dimming smoothly without any flash

> Work with CCT/single color LED strip

> With light on/off fade time 0.5s or 3s selectable

> 3 levels color temperature (WW, NW and CW) selectable

**V2**  97×33×18MM
- PWM : 2KHZ
- Reverse polarity and short circuit protection

**V2-L**  175×45×27MM
- Push dim switch control optional
- PWM : 2KHZ
- Reverse polarity, over-load, short circuit protection

## V2-S  114×38×20MM

- Only apply to 2-wires WW+CW LED strip, linear dimming
- Push dim switch control optional
- PWM : 2KHZ
- Reverse polarity protection

## V2-P  115×46×16MM

- 1/2 channel constant voltage outputl
- Push dim switch control optional
- DIP switch to set 2 kinds of light type: DIM, CCT
- PWM: 500HZ/2KHZ/8KHZ/16KHZ

## V2-WPM  IP67  87X35X29MM

- IP67 rating, internal gluing, suitable for outdoor and damp environment
- 2-button operation, support on/off light, adjust brightness and color temperature, dynamic mode and dynamic speed
- PWM: 2KHZ

## V2-X  107×75×24.5MM

- Push dim switch control optional
- PWM: 500HZ/2KHZ/8KHZ/16KHZ
- Over-load, short circuit, over heat and recover automatically protection

## V2-PD  70X34.5X15MM

- One button for on/off, color temperature and brightness adjustment
- 4096 levels 0-100% dimming smoothly without any flash
- PWM:2KHz



| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| V2 | 12-24VDC | 2*(12-24)VDC | 2CH*5A | 12V<120W, 24V<240W | 97 X 33 X 18 |
| V2-L | 12-48VDC | 2*(12-48)VDC | 2CH*8A | 12V<192W, 24V<384W 36V<576W, 48V<768W | 175 X 45 X 27 |
| V2-S | 12-24VDC | 12-24VAC | 1CH*5A | 12V<60W, 24V<120W | 114 X 38 X 20 |
| V2-X | 12-36VDC | 2*(12-36)VDC | 2CH*15A | 12V<360W, 24V<720W 36V<1080W | 107 X 75 X 24.5 |
| V2-P | 12-48VDC | 2*(12-48)VDC | 12-24V:2CH*7A 36-48V:2CH*5A | 12V<2x84W, 24V<2x168W, 36V<2x180W, 48V<2x240W | 115 X 46 X 16 |
| V2-PD | 5-24VDC | 5-24VDC | 2CH*2A | 5V<20W,12V<48W 24V<96W | 70X34.5X15 |
| V2-WPM | 12-24VDC | 2*(5-24)VDC | 2CH*3A | 5V<15W,24V<72W | 87 X 35X 29 |

- 2 channel constant voltage CCT LED RF dimmer with 3-button
- RF remote control or 3 buttons control
- PWM : 500HZ / 2KHZ / 8KHZ / 16KHZ
- Over-load, short circuit, over heat and recover automatically protection

* Adjust brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

* Turn on or off light.

* Adjust color temperature, short press 3 color cycle (warm white, natural white, cold white), long press 1-6s for continuous 256 levels adjustment.

**4 PWM frequency selectable**
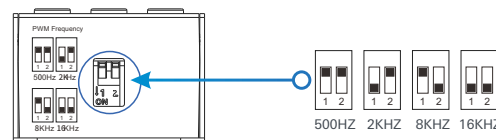
**Dimming Curve**



500HZ  2KHZ  8KHZ  16KHZ

Linear dual color tuning  Dimming curve for CCT
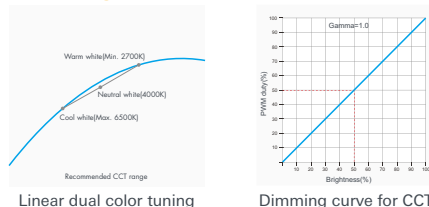
| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| V2-C | 12-24VDC | 2*(12-24)VDC | 2x10A, 500Hz/2KHz 2x8A, 8KHz 2x6A, 16KHz | 240-480W, 500Hz/2KHz 192-384W, 8KHz 120-240W, 16KHz | 28 X 40 X 90 |

- Two rotate knob to change brightness and color temperature
- Match with SKYDANCE RF 2.4G remote control
- 0-100% dimming smoothly without any flash
- PWM:250Hz/500Hz/1KHz/2KHz/4KHz/8KHz/16KHz

* Brightness knob: rotate knob to adjust 1-100% brightness

* Color temperature knob: rotate knob to adjust temperature value

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| V2-B | 12-24VDC | 2*(12-24)VDC | 2CH*10A@250Hz/ 500Hz/2KHz; 2CH*7A@4K/8KHz; 2CH*5A@16KHz; | 12V<240W@250/500/2KHz; 24V<480W@250/500/2KHz; 12V<168W@4K/8KHz; 24V<336W@4K/8KHz; 12V<120W@16KHz; 24V<240W@16KHz | 90 X 40 X 28 |

- 2-button color temperature LED controller with 2-channel constant voltage output.
- The buttons support on/off light, adjust brightness, color temperature, dynamic mode and dynamic speed.
- 4096 levels dimming smoothly without any flash.
- Light on fade time 1s, light off fade time 2s.
- PWM: 2KHZ/8KHZ

## V2-Q(U) without RF

## V2-Q(D) without RF

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Power Connector | LED Connector |
|---|---|---|---|---|---|---|
| V2-Q(U) | 5VDC | 5VDC | 2CH*1.5A | 15W | USB male | White three-core wire |
| V2-Q(D) | 5-24VDC | 5-24VDC | 2CH*1.5A | 15-72W | DC female | White three-core wire |

## ▶ RF Panel Controller(CCT)

SKYDANCE RF CCT constant voltage output glass wall panel controller not only work as a LED controller to connect with LED strip for controlling directly but also work as a RF panel remote to control other LED controllers.

> 256 levels 0-100% dimming smoothly without any flash

> 2 channels constant voltage output

> Reverse polarity, over heat, short circuit protection

T2-K

- PWM : 2KHZ / 8KHZ
- Push / Rotate control          86×86×48MM

T2          T2-1

- PWM : 2KHZ / 8KHZ
- Touch keys control          86×86×20.5MM

| Model No. | T2-K (White/Black) |
|---|---|
| Input Voltage | 12-48VDC |
| Output Voltage | 2*(12-48)VDC |
| Output Current | 2CH*5A |
| Output Power | 12V<120W, 24V<240W, 48V<480W |

| Model No. | T2 (T2-1) (White/Black) |
|---|---|
| Input Voltage | 12-48VDC |
| Output Voltage | 12-48VDC |
| Output Current | 2CH*5A, 12-24V;2CH*3A, 36-48V |
| Output Power | 12V<144W,24V<240W 36V<216W,48V<288W |

## ▶ RF Handy Remote Control(CCT)

SKYDANCE battery powered handy 1 zone or multi-zones RF CCT remote controls match with dual color LED controllers for dimming, temperature adjust, switch on/off, zones or scenes setting, comes with magnetic or non-magnetic back holder, removeable or can be fixed on somewhere with holder or wall paster.

| R7-1 (White/Black) | R7 (White/Black) | RT2 | RT7 | RT8C |
|---|---|---|---|---|
| 1 zone 3 scene CR2032 battery | 4 zone 3 scene CR2032 battery | 1 zone 4 scene AAA*2 battery | 4 zone 4 scene AAA*2 battery | 8 zone 2 scene AAA*2 battery |
| 107×58.5×9MM | 107×58.5×9MM | 122×63×17.5MM | 122×63×17.5MM | 122×63×17.5MM |

| R12 (White/Black) | R2 (White/Black) | RS2 | RV2 (White/Black) | RK4-2 |
|---|---|---|---|---|
| 1 zone CR2032 battery | 1 zone 2 scene CR2032 battery | 4 zone 3 scene AAA*2 battery | 1 zone 2 scene or 2 zone CR2032 battery | 1 zone CR2032 battery |
| 139×36×11MM | 135×40×11MM | 135×40×11MM | 139X36X12MM | Φ75×18MM |

## ▶ RF Wall Panel Remote(CCT)

SKYDANCE battery powered wall mounted 1 zone or multi-zones RF CCT panel match with dual color LED controllers for dimming, temperature adjust, switch on/off, zones or scenes setting.

| ON/OFF | Turn on/off  light. |
| Brightness +,10 levels. |
| Brightness -,10 levels. |
| 3 color cycle(warm white, natural white, cold white). |
| Touch to change color temperature. |
| SCENE 1  SCENE 2  SCENE 3  SCENE 4 | Short press to recall scene, long press 5s to save the current state into scene 1/2/3/4. |

TW2

86×86×9.5MM          86×86×9.5MM          86×86×20.5MM

| Model | TW2 (White/Black) | TW2-4 (White/Black) | T22 (White/Black) |
|---|---|---|---|
| Zone | 1 zone | 4 zone | 4 zone |
| Scene | 4 scene | 4scene | 3 scene |
| Working voltage | CR2032 battery | 3VDC(CR2032) | AAA*2 battery |

* For turning on/off, temperature or brigntness adjust

91×57×52MM          86x86x10MM

| Model | RK2 | TL2 (White/Black) |
|---|---|---|
| Zone/Scene | 1 zone | 4 Scene or 4 Zone |
| Working voltage | CR2032 battery | CR2032 battery |

## ▶ RF LED Controller Kit(CCT)

> Apply to color temperature(CCT) LED light

> 4096 levels 0-100% dimming smoothly without any flash

> Auto-transmitting and synchronize function

> Light on/off fade time 3s selectable

> Blister and color box packing options

> Easy installation and end user friendly

**Color Box**

| Model | V2+R7-1 | V2+RT2 | V2+R12 |
|---|---|---|---|
| Input voltage | 12-24VDC | 12-24VDC | 12-24VDC |
| Output voltage | 2x(12-24)VDC | 2x(12-24)VDC | 2x(12-24)VDC |
| Output current | 2CH*5A | 2CH*5A | 2CH*5A |
| Output power | 12V<120W,24V<240W | 12V<120W,24V<240W | 12V<120W,24V<240W |
| Battery | 3VDC(CR2032) | 3VDC(AAAx2) | 3VDC(CR2032) |
| Remote distance | 30m | 30m | 30m |
| Size (mm) | 128×128×27 | 133×195×22 | 125×200×22 |

## ▶ RF High Voltage LED Strip Controller

• 4096 levels 0-100% dimming smoothly without any flash

• RF remote control or push dim switch control

• PWM : 2KHZ

175×45×27MM

| Model No. | S3 |
|---|---|
| Input Voltage | 110-240VAC |
| Output Voltage | 3*(110-240VDC) |
| Output Current | 3CH*1A |
| Output Power | 330-720W |

## ▶ RF LED Controller(RGB)

• 4096 levels 0-100% dimming smoothly without any flash

• Work with RGB/CCT/single color LED strip

• With light on/off fade time 0.5s or 3s selectable

• 3 channels constant voltage output, logarithmic dimming

• When using with RGB light, built in 10 dynamic modes, include jump or gradual change style

• Mutiple protections

| | V3 | V3-L | V3-X | V3-C |
|---|---|---|---|---|

| Model No. | V3 | V3-L | V3-X | V3-C |
|---|---|---|---|---|
| Input Voltage | 12-24VDC | 12-48VDC | 12-36VDC | 12-24VDC |
| Output Voltage | 3*(12-24)VDC | 3*(12-48)VDC | 3*(12-36)VDC | 3*(12-24)VDC |
| Output Current | 3CH*4A | 3CH*6A | 3CH*10A | 3x6A@500Hz/2KHz 3x5A@8KHz/16KHz |
| Output Power | 12V<144W 24V<288W | 12V<216W, 24V<432W 36V<648W, 48V<864W | 12V<360W, 24V<720W 36V<1080W | 216-432W@500Hz/2KHz 180-360W@8KHz/16KHz |
| Signal Input | RF 2.4GHz | RF 2.4GHz, Push dim | RF 2.4GHz | RF 2.4GHz, 3-buttons |
| PWM Frequency | 1KHz/2KHz/4KHz/8KHz | 1000Hz | 1000Hz | 500Hz/2KHz/8KHz/16KHz |
| Protection | Reverse polarity, short circuit | Reverse polarity, Over-heat, Over-load, Short circuit | Reverse Polarity, Over-heat , Short circuit | Reverse polarity, Over-heat, Over-load, Short circuit |
| Size (mm) | 97 X 33 X 18 | 175 X 45 X 27 | 107 X 75 X 24.5 | 90 X 40 X 28 |

**V3-WPM   IP67**

87X35X29MM

• IP67 rating, internal gluing, suitable for outdoor and damp environment.

• 2-button operation, support on/off light, adjust brightness, color, dynamic mode and dynamic speed.

| Model No. | V3-WPM |
|---|---|
| Input Voltage | 12-24VDC |
| Output Voltage | 3*(12-24)VDC |
| Output Current | 3CH*1.5A |
| Output Power | 54W@12V 108W@24V |
| Signal Input | 2-button + RF 2.4GHz |
| PWM Frequency | 2KHz |
| Protection | Reverse polarity |

▶ **RF LED Controller(RGB)**

- 3 channel constant voltage RGB LED mini RF controller
- Match with 2.4G single zone or multiple zone RGB remote control optional

- Connect with 5 meters RGB LED strip
- Built in 10 dynamic mode, include jump or gradual change style

**V3-M**

- 4096 levels 0-100% dimming smoothlywithout any flash
- Auto-transmitting and Synchronize function

**V3-W**

- 4096 levels 0-100%dimming smoothly
- Auto-transmitting and Synchronize function

**Q3-X** (Without RF)

- 3 Keys operation with on/off, dimming and color adjustment
- Smooth dimming, no flicker

**VB3**

- 3-button operation, support on/off light, adjust brightness, color, dynamic mode and dynamic speed
- 4096 levels dimming smoothly without any flash

**VD3**

- 256 levels 0-100% dimming smoothly without any flash
- 3 buttons operation with on/off, mode and color adjustment

**V3-PD**

- One button for on/off, RGB color and brightness adjustment
- 4096 levels 0-100% dimming smoothly without any flash
- PWM:2KHz

**V3-Q(U)** without RF

- The buttons support on/off light, adjust brightness, color, dynamic mode and dynamic speed
- 4096 levels dimming smoothly without any flash
- PWM: 2KHZ/8KHZ
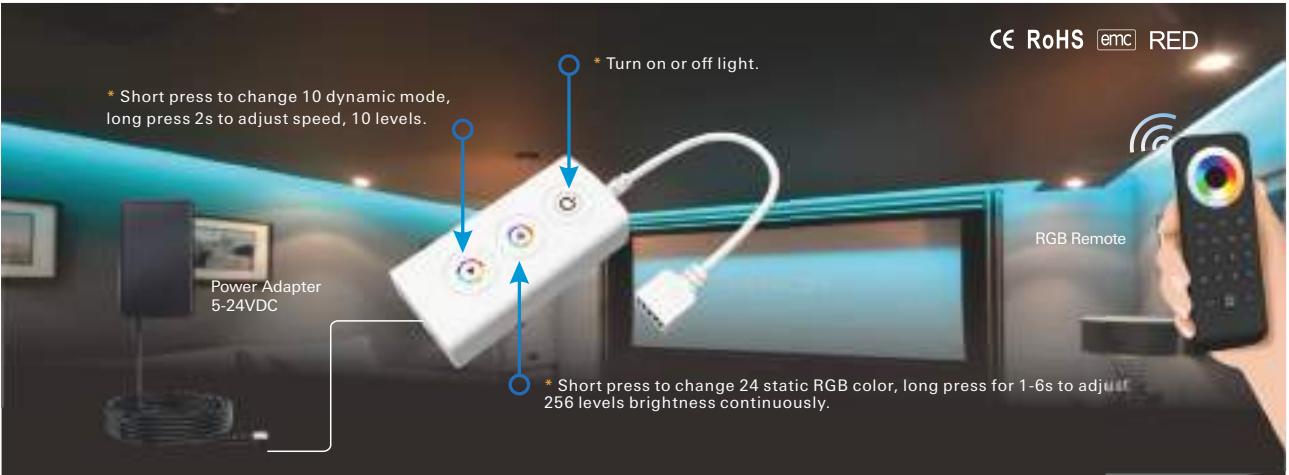
**V3-Q(D)** without RF

- The buttons support on/off light, adjust brightness, color, dynamic mode and dynamic speed
- 4096 levels dimming smoothly without any flash
- PWM: 2KHZ/8KHZ

**V3-KN** without RF

- Knob support on/off, brightness, color temperature, RGB color and fade speed adjustment
- Nut way fixed mounting, can be mounted on a variety of different materials 1-6mm thick plate
- PWM:2KHz

| Model | V3-M | V3-W | Q3-X (Without RF) | VB3 | VD3 | V3-PD | V3-Q(U) (Without RF) | V3-Q(D) (Without RF) | V3-KN (Without RF) |
|---|---|---|---|---|---|---|---|---|---|
| Input voltage | 12-24VDC | 12-24VDC | 12-24VDC | 5-24VDC | 5-24VDC | 5-24VDC | 5VDC | 5-24VDC | 5-24VDC |
| Output voltage | 12-24VDC | 12-24VDC | 12-24VDC | 5-24VDC | 5-24VDC | 5-24VDC | 5VDC | 5-24VDC | 5-24VDC |
| Output current | 3CH*2A | 3CH*1A | 3CH*2.5A | 3CH, 1.5A/CH | 3CH*1.5A | 3CH*1.5A | 3CH*1A | 3CH*1A | 1CH*3A |
| Output Power | 12V<72W, 24V<144W | 12V<36W, 24V<72W | 12V<30W, 24V<60W | 22.5W@5V 54W@12V 108W@24V | 5V<22.5W, 12V<54W, 24V<108W | 22.5W@5V 54W@12V 108W@24V | 15W | 5V<15W, 24V<72W | 5V<15W, 24V<72W |
| Power Connector | Red/Black Cable 10cm | Red/Black Cable 10cm | Red/Black Cable 10cm | 5.5*2.1mm DC Female Jack | Red/Black Cable 10cm | DC female | USB male | DC female | Red/Black Cable |
| LED Connector | 4-color Flat Cable 10cm | 4-color Flat Cable 10cm | 4-color Flat Cable 10cm | 4-color Flat Cable 10cm | 4-color Flat Cable 10cm | 4-color Flat Cable | White 4-core wire | White 4-core wire | 4-color Flat Cable |
| Size (mm) | 76×23.5×8.7 | 60×14×5.8 | 60×12.5×4 | 60×24×11 | 73×35×14 | 70X34.5X15 | / | / | / |



* Short press to change 10 dynamic mode, long press 2s to adjust speed, 10 levels.

* Turn on or off light.

CE RoHS emc RED

Power Adapter 5-24VDC

RGB Remote

* Short press to change 24 static RGB color, long press for 1-6s to adjust 256 levels brightness continuously.

▶ **RF LED Panel Controller (RGB/RGBW)**

SKYDANCE RF RGB/RGBW constant voltage output glass wall panel controller not only work as a LED controller to connect with LED strip for controlling directly but also work as a RF panel remote to control other LED controllers.

**T3-K**

- 256 levels 0-100% dimming smoothly without any flash
- 3channel output
- RF remote control or touch slide control
- PWM: 2K/8KHZ
- Over-heat, Over-load, Short circuit protection, recover automatically

**T3**  **T3-1**

- 256 levels 0-100% dimming smoothly without any flash
- 4 channel output
- RF remote control or touch slide control
- PWM: 1KHZ
- Reverse polarity, Over heat, Short circuit protection

**T4**  **T4-1**

- 256 levels 0-100% dimming smoothly without any flash
- 4 channel output
- RF remote control or touch slide control
- PWM: 1KHZ
- Reverse polarity, Over heat, Short circuit protection

| Model No. | T3-K (White/Black) | T3 /T3-1 (White/Black) | T4 / T4-1 (White/Black) |
|---|---|---|---|
| Input Voltage | 12-48VDC | 12-24VDC | 12-24VDC |
| Output Voltage | 3*(12-48)VDC | 3*(12-24)VDC | 4*(12-24)VDC |
| Output Current | 3CH*4A | 3CH*4A | 4CH*3A |
| Output Power | 12V<144W, 24V<288W, 36V<462W, 48V<576 | 12V<144W, 24V<288W | 12V<144W, 24V<288W |
| Size | 86×86×48MM | 86×86×20.5MM | 86×86×20.5MM |



Wall Mounted Touch Panel

Scene 1

Scene 2

Scene 3

Scene 4
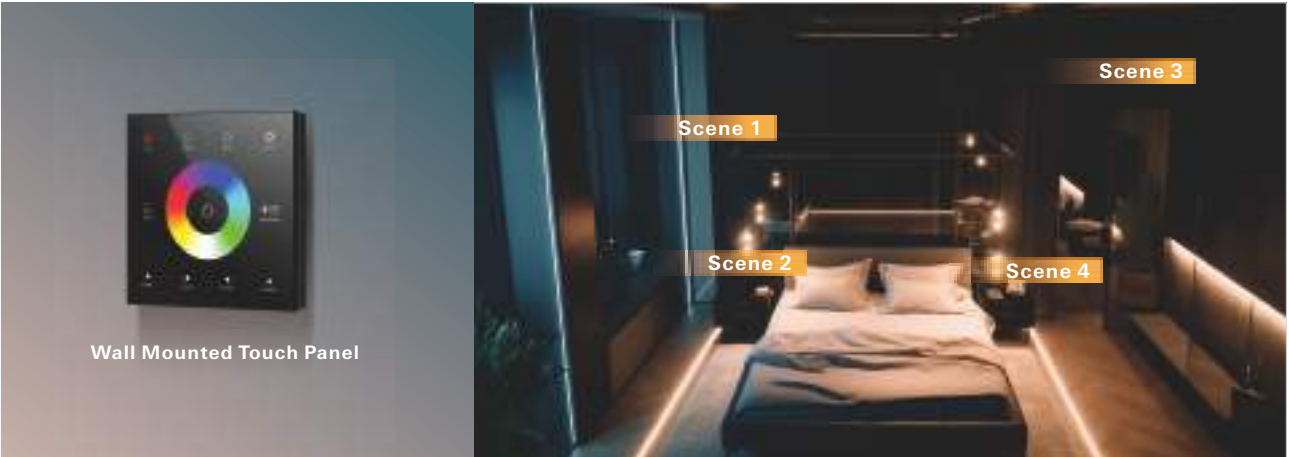
▶ **RF LED Controller(RGBW)**

> 4096 levels 0-100% dimming smoothly without any flash
> Compatible with RGBW/RGB/CCT/single color LED strip
> With light on/off fade time 0.5s or 3s selectable
> Mutiple protections

> 4 channels constant voltage output
> When using with RGB/RGBW light, built in 10 dynamic modes, Including jump or gradual change style

**VP**  114×38×20MM

- DC adapter power input optional
- PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ
- Logarithmic dimming

**V4**  175×45×27MM

- PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ
- Logarithmic dimming

**V4-L**  170×50×23MM

- Digital numeric display
- PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ
- Logarithmic or linear dimming selection

**V4-X**  107×75×24.5MM

- PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ
- Logarithmic dimming

| Model No. | VP | V4 | V4-L | V4-X |
|---|---|---|---|---|
| Input Voltage | 12-24VDC | 12-48VDC | 12-48VDC | 12-48VDC |
| Output Voltage | 4*(12-24)VDC | 4*(12-48)VDC | 4*(12-48)VDC | 4*(12-48)VDC |
| Output Current | 4CH*4A | 4CH*5A | 4CH*5A | 4CH*8A(12/24V) 4CH*5A(36/48V) |
| Output Power | 12V<192W, 24V<384W | 12V<240W, 24V<480W, 36V<720W, 48V<960W | 12V<240W,24V<480W 36V<720W,48V<960W | 12V<384W, 24V<768W, 36V<720W, 48V<1440W |
| Signal Input | RF 2.4GHz | RF 2.4GHz, Push dim | RF 2.4GHz, keys | RF 2.4GHz |
| Protection | Reverse polarity, Short circuit | Over-heat, Over-load, Short circuit, recover automatically | Over-heat, Short circuit, recover automatically | Over-load, Short circuit, recover automatically |

**V4-WPS  IP67**
153X143.5X34MM

- IP67, Double waterproof: glue-filled waterproofing + structural waterproofing
- PWM:1KHz/2KHz/4KHz/8KHz

**V4-WPM  IP67**
87X35X29MM

- IP67 rating, internal gluing, suitable for outdoor and damp environment.
- 2-button operation, support on/off light, adjust brightness, color, dynamic mode and dynamic speed.
- PWM : 2KHZ

**V4-S**
52 X 52 X 26MM

- Push dim switch optional
- Easy to be placed in standard wall junction box behind a push switch
- PWM : 1KHZ/2KHZ/4KHZ/8KHZ

**V4-PD**
70X34.5X15MM

- One button for on/off, RGB color and white light brightness adjustment
- 4096 levels 0-100% dimming smoothly without any flash
- PWM:2KHz

**VB4**
60X24X11MM

- 3-button operation, support on/off light, adjust brightness, color, dynamic mode and dynamic speed
- 4096 levels dimming smoothly without any flash

**Q4-X**  without RF
60X12.5X4MM

- 3 Keys operation with on/off, dimming and color adjustment
- Smooth dimming,no flicker

www.iskydance.com

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| V4-WPS | 12-36VDC | 4*(12-36)VDC | 4CH*5A | 12V<240W, 24V<480W, 36V<720W |
| V4-WPM | 12-24VDC | 4*(12-24)VDC | 4CH*1A | 48W<12V,96W<24V |
| V4-S | 12-24VDC | 4*(12-24)VDC | 4CH*3A | 12V<144W,24V<288W |
| V4-PD | 5-24VDC | 4*(5-24)VDC | 4CH*1A | 20W@5V, 48W@12V, 96W@24V |
| VB4 | 5-24VDC | 4*(5-24)VDC | 4CH, 1.5A/CH | 30W@5V, 72W@12V, 144W@24V |
| Q4-X (Without RF) | 12-24VDC | 12-24VDC | Max. 7.5A | / |

▶ **4 Knob RF LED Controller (RGB/RGBW)**

- Digital numeric display, 4 knobs and 3 keys easy operation
- Work with RGBW/RGB LED strips
- Work as RGBW/RGB RF LED controller or RF remote control
- PWM :1KHZ/2KHZ/4KHZ/8KHZ

**Work as RF remote control**

**Work as RF LED controller**

187 X 46 X 22MM
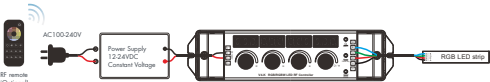
| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| V4-K | 12-48VDC | 4*(12-48)VDC | 4CH*4A | 12V<192W, 24V<384W |

▶ **RF CC LED Controller(RGBW)**

- 4096 levels 0-100% dimming smoothly without any flash
- Mutiple output currents selectable
- 4 channels constant current output, logarithmic dimming
- Compatible with constant current RGBW/RGB/CCT/single color LED strips
- Push dim switch control optional
- When using with RGBW/RGB light, built in 10 dynamic modes, include jump or gradual change style
- With light on/off fade time 0.5s or 3s selectable

Select the correct current through the DIP switch when the power is off.

| DIP Switch | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| C4 (150-500mA) | Output Current | 150mA | 200mA | 250mA | 300mA | 350mA | 400mA | 450mA | 500mA |
| | Output Voltage | 10-42V | 10-42V | 10-42V | 10-42V | 10-42V | 10-42V | 10-42V | 10-42V |
| | Output Power/CH | 1.5-6.3W | 2-8.4W | 2.5-10.5W | 3-12.6W | 3.5-14.7W | 4-16.8W | 4.5-18.9W | 5-21W |

| DIP Switch | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| C4 (350-1200mA) | Output Current | 350mA | 500mA | 600mA | 700mA | 800mA | 900mA | 1050mA | 1200mA |
| | Output Voltage | 10-42V | 10-42V | 10-42V | 10-42V | 10-42V | 10-42V | 10-42V | 10-42V |
| | Output Power/CH | 3.5-14.7W | 5-21W | 6-25.2W | 7-29.4W | 8-33.6W | 9-37.8W | 10.5-44.1W | 12-50.4W |

Push Switch

Drives 3-13pcs LED per channel x 4CH

RGB/RGBW remote   AC100-240V

175×45×27MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| C4(150-500mA) | 12-48VDC | 4*(3-45)VDC | 4CH*(150-500mA) | 4*(0.5-22.5)W |
| C4(350-1200mA) | 12-48VDC | 4*(3-45)VDC | 4CH*(350-1200mA) | 4*(1.05-54)W |
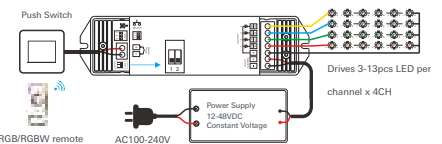
## ▶ RF Handy Remote Control(RGB/RGBW)

SKYDANCE battery powered handy 1 zone or multi-zones RF RGB/RGBW remote controls match with RGB/RGBW LED controllers for dimming,color adjust, switch on/off, zones or scenes setting, comes with non-magnetic back holder, removeable or can be fixed on somewhere with holder or wall paster.

**R8** (White/Black)
4 zone
1 scene
CR2032 battery
107×58.5×9MM

**R8-1** (White/Black)
1 zone
1 scene
CR2032 battery
107×58.5×9MM

**R15** (White/Black)
1 zone
2 scene
CR2032 battery
107×58.5×9MM

**R16** (White/Black)
4 zone
1 scene
CR2032 battery
107×58.5×9MM

**R9** (White/Black)
Also match with SPI
&RF receivers
CR2032 battery
107×58.5×9MM

**RT4**
1 zone
4 scene
AAA*2 battery
122×63×17.5MM

**RT9**
4 zone
2 scene
AAA*2 battery
122×63×17.5MM

**R13** (White/Black)
1 zone
CR2032 battery
139×36×11MM

**R14** (White/Black)
1 zone
CR2032 battery
139×36×11MM

**RM3** (White/Black)
1 zone
CR2032 battery
100×47×8MM

**RS9**
1 zone
2 scene
AAA*2 battery
141×50×17.5MM

**RS3**
2 zone
AAA*2 battery
141×50×17.5MM

**RS4**
4 zone
2 scene
AAA*2 battery
141×50×17.5MM

**RS8**
8 zone
2 scene
AAA*2 battery
141×50×17.5MM

**RK4-4**
1 zone
CR2032 battery
Φ75×18MM

## ▶ RF Wall Panel Remote(RGBW)

SKYDANCE battery powered wall mounted 1 zone RF RGB/RGBW panel match with RGB/RGBW LED controllers for dimming, color adjust, switch on/off, zones or scenes setting.

86×86×20.5MM          86×86×9.5MM          86×86×9.5MM

| Model | Zone | Scene | Working voltage |
|---|---|---|---|
| T24 (White/Black) | 1 zone | 4 scene | AAA*2 battery |
| TW4 (White/Black) | 1 zone | | CR2032 battery |
| TW4-4 (White/Black) | 4 zone | | CR2032 battery |

86×86×10MM                                          91×57×52MM

| Model (White/Black) | TL4 | Model | RK3 |
|---|---|---|---|
| Zone/Scene | 4 Scene or 4 Zone | Zone | 1 zone |
| Working voltage | CR2032 battery | Working voltage | CR2032 battery |

## ▶ RF LED Controller(RGB+CCT)

> 5 channel constant voltage output
> Match with SKYDANCE RF 2.4G single zone or multiple zone remote control
> 4096 levels 0-100% dimming smoothly without any flash

> Light on/off fade time 0.5s/3s selectable
> Built in 10 dynamic mode, include jump or gradual change style

**V5-L**
114×38×20MM
- 5 in 1 function, for single color/dual color/RGB/RGBW/RGB+CCT LED strip light
- PWM: 500Hz/2KHz/8KHz/16KHz
- Push switch control

**V5-M**
114×38×20MM
- For RGB+CCT LED strip light
- PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ
- DC adapter power input optional

**V5**
175×45×27MM
- For RGB+CCT LED strip light
- PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ
- Push switch control

**V5-T**
97.5×46×20MM
- 5 in 1 function, suitable for single color, color temperature, RGB, RGBW, RGB+CCT LED strips
- Support 3 buttons to turn on/off the light, adjust brightness, color temperature, RGB color,dynamic mode and speed
- Support touch color wheel to adjust brightness, color temperature or RGB color
- PWM:2KHZ

**V5-WPM    IP67**
87X35X29MM
- IP67 rating, internal gluing, suitable for outdoor and damp environment
- 2-button operation, support on/off light, adjust brightness, color temperature, color, dynamic mode and dynamic speed
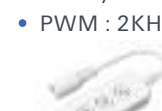- PWM:2KHZ

**V5-PD**
70X34.5X15MM
- One button for on/off, RGB color, color temperature and brightness adjustment
- 4096 levels 0-100% dimming smoothly without any flash
- PWM:2KHZ

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| V5-L | 12-48VDC | 5*(12-48)VDC | 5CH*6A @ 12/24V, 5CH*4A @ 36/48V | 12V<360W, 24V<720W, 36V<720W, 48V<960W |
| V5-M | 12-24VDC | 5*(12-24)VDC | 5CH*3A | 12V<180W, 24V<360W |
| V5 | 12-48VDC | 5*(12-48)VDC | 5CH*5A @ 12/24V, 5CH*4A @ 36/48V | 12V<300W, 24V<600W, 36V<576W, 48V<768W |
| V5-T | 12-24VDC | 5*(12-24)VDC | 5CH, 3A/CH | 12V<180W,24V<360W |
| V5-WPM | 12-24VDC | 5*(12-24)VDC | 5CH*1A | 60W@12V, 120W@24V |
| V5-PD | 5-24VDC | 5*(5-24)VDC | 5CH*1A | 25W@5V, 60W@12V, 120W@24V |

## ▶ RF Handy Remote Control(RGB+CCT)

SKYDANCE battery powered handy 1 zone or multi-zones RF RGB+CCT remote controls match with RGB+CCT LED controllers for dimming, color adjust, switch on/off, zones or scenes setting, comes with non-magnetic back holder, removeable or can be fixed on somewhere with holder or wall paster.

**R17** (White/Black)
1 zone
1 scene
CR2032 battery
107×58.5×9MM

**R8-5** (White/Black)
4 zone
1 scene
CR2032 battery
107×58.5×9MM

**RT5**
1 zone
2scene
AAA*2 battery
122×63×17.5MM

**RT10**
4 zone
2 scene
AAA*2 battery
122×63×17.5MM

**RS10**
8 zone
8 scene
AAA*2 battery
141×50×17.5MM

**R10** (White/Black)
1 zone
CR2032 battery
139×36×11MM

**RV3** (White/Black)
1 zone
2 scene
or 2 zone
CR2032 battery
139×36×12MM

## ▶ RF Touch Panel Remote Control(RGB+CCT)

SKYDANCE battery powered wall mounted 1 zone or multi-zones RF RGB/RGBW pane match with RGB/RGBW LED controllers for dimming, color adjust, switch on/off zones or scenes setting.

- 4 zones touch panel remote
- Ultra sensitive glass touch key and color slide
- Free installation, removable or fixed on wall by screws / paster      86×86×20.5MM

| Model | T25 (White/Black) |
|---|---|
| Zone | 4 zone |
| Working voltage | AAA*2 battery |

- 2 scenes 1 zone touch panel remote
- Ultra sensitive glass touch key and color wheel      86×86×9.5MM

| Model | TW5 (White/Black) |
|---|---|
| Zone | 1 zone |
| Scene | 2 scene |
| Working voltage | CR2032 battery |

- 4 Scenes 4 zones touch panel remote
- Ultra sensitive glass touch key and color wheel
- Free installation, no wiring, removable      86×86×9.5MM

| Model | TW5-4 (White/Black) |
|---|---|
| Zone | 4 zone |
| Scene | 4 scene |
| Working voltage | 3VDC(CR2032) |

- 4-scene or 4-zone control can be set
- Multi-touch slider to adjust light brightness or color
- Easy to install, no wiring required, and can be moved anywhere      86×86×10MM

| Model | TL5 (White/Black) |
|---|---|
| Zone/Scene | 4 Scene or 4 Zone |
| Working voltage | CR2032 battery |

## ▶ RF LED Controller Kit(RGB/RGBW/RGB+CCT)

> Apply to RGB / RGBW / RGB+CCT LED light
> 4096 levels 0-100% dimming smoothly without any flash
> Auto-transmitting and synchronize function
> Light on/off fade time 3s selectable
> Blister and color box packing options
> Easy installation and end user friendly

**Color Box**

**V3+R13**
RGB
125×200×22MM

**V3+R8-1**
RGB
128×128×27MM

**V3+R9**
RGB
128×128×27MM

**V3+RT4**
RGB
133×195×22MM

**VP+R8-1**
RGBW
133×195×22MM

**VP+RT4**
RGBW
133×195×22MM

**V5-M+R17**
RGB+CCT
133×195×22MM

**V5-M+RT5**
RGB+CCT
133×195×22MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Battery | Remote distance |
|---|---|---|---|---|---|---|
| V3+R13 | 12-24VDC | 3 x (12-24)VDC | 3CH*4A | 12V<144W, 24V<288W | 3VDC(CR2032) | 30m |
| V3+R8-1 | 12-24VDC | 3 x (12-24)VDC | 3CH*4A | 12V<144W, 24V<288W | 3VDC(CR2032) | 30m |
| V3+R9 | 12-24VDC | 3 x (12-24)VDC | 3CH*4A | 12V<144W, 24V<288W | 3VDC(CR2032) | 30m |
| V3+RT4 | 12-24VDC | 3 x (12-24)VDC | 3CH*4A | 12V<144W, 24V<288W | 3VDC(AAAx2) | 30m |
| VP+R8-1 | 12-24VDC | 4 x (12-24)VDC | 4CH*4A | 12V<192W, 24V<384W | 3VDC(CR2032) | 30m |
| VP+RT4 | 12-24VDC | 4 x (12-24)VDC | 4CH*4A | 12V<192W, 24V<384W | 3VDC(AAAx2) | 30m |
| V5-M+R17 | 12-24VDC | 5 x (12-24)VDC | 5CH*3A | 12V<180W, 24V<360W | 3VDC(CR2032) | 30m |
| V5-M+RT5 | 12-24VDC | 5 x (12-24)VDC | 5CH*3A | 12V<180W, 24V<360W | 3VDC(AAAx2) | 30m |

## ▶ RF Constant Voltage LED Driver

Wi-Fi | Push-Dim | Digital Dimming | Logarithmic Dimming | Synchronization | Over-heat Protection | Over Load Protection | Short Circuit Protection | Warranty 5 years

> Dimming interface: RF Wireless, AC Push-Dim
> Universal AC input / Full range
> 1 channel constant voltage output, Max. total output power 40W/75W
> Match with SKYDANCE RF 2.4G single color remote control

> Auto-transmitting function
> Light on/off fade time 3s selectable
> Full protective plastic case
> Suitable for indoor LED lighting application

**PB-40-12** **PB-40-24** **PB-75-12** **PB-75-24** 168.5 X 44 X 30MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) |
|---|---|---|---|---|---|
| PB-40-12 | 100-240VAC | 12VDC | Max. 3.3A | Max. 40W | 81% |
| PB-40-24 | 100-240VAC | 24VDC | Max. 1.65A | Max. 40W | 86% |
| PB-75-12 | 200-240VAC | 12VDC | Max. 6.25A | Max. 75W | 88% |
| PB-75-24 | 200-240VAC | 24VDC | Max. 3.125A | Max. 75W | 88% |

**LN-150-12-RF** **LN-150-24-RF** **LN-150-12** **LN-150-24** 310 X 45 X 30MM

Without RF and Dimming | Without RF and Dimming

> Dimming interface: RF wireless, AC Push-dim
> Work with RF 2.4G single color remote control
> 1 channel constant voltage output, Max. 150W output power
> 220-240VAC universal AC input
> Active PFC design with PF > 0.95
> THD<10%
> No load/Standby power≤1W
> Over-heat/Over-load/Short circuit protection

> 1 channel constant voltage output, Max.150W output power
> 220-240VAC universal AC input
> Active PFC design with PF > 0.95
> THD<10%
> No load/Standby power≤0.5W
> Over-heat/Over-load/Short circuit protection

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) | Power Factor |
|---|---|---|---|---|---|---|
| LN-150-12-RF | 220-240VAC | 12VDC | Max. 12.5A | Max. 150W | 91%/230VAC | >0.95 |
| LN-150-24-RF | 220-240VAC | 24VDC | Max.6.25A | Max. 150W | 93%/230VAC | >0.95 |
| LN-150-12 | 220-240VAC | 12VDC | Max. 12.5A | Max. 150W | 92%/230VAC | >0.95 |
| LN-150-24 | 220-240VAC | 24VDC | Max. 6.25A | Max. 150W | 93%/230VAC | >0.95 |

## ▶ RF Constant Current LED Driver

> Special for magnetic & linear lamp
> No input polarity
> RF Wireless, Push-Dim Dimming interface
> DC to DC constant current output
> Match with RF 2.4G dimming remote control

> Synchronize on multiple number of LED drivers
> 0-100% dimming smoothly without any flash
> DIP Switch select output current
> Short circuit/overload/no-load and anti-reverse protection

**CXR-21A** **CXR-28A** 125 X 13.5 X 10.8MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) |
|---|---|---|---|---|---|
| CXR-21A | 48VDC±1%(No polarity) | 10-40VDC | 150-500mA | 1.5W-20W | 93% |
| CXR-28A | 48VDC±1%(No polarity) | 10-40VDC | 350-700mA | 3.5W-28W | 95% |

## ▶ Wi-Fi & RF LED Controller

Wi-Fi | RF Remote control | Voice control | App control | Scene edit | Music play | Device sharing | Timer function | Group control | Tuya APP
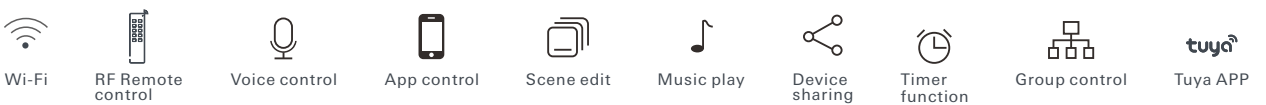
> Tuya APP cloud control, Voice control, Push Dim control, RF remote control
> 256 levels 0-100% dimming smoothly without any flash
> Light on/off fade time 3s selectable

**V1-L(WT)** 175X45X27MM **WT1** 114×38×20MM

- 1 channel constant voltage output for single color
- Tuya APP cloud control, voice control, push dim control, wireless remote control
- PWM:500Hz/2KHz/8KHz/16KHz
- Logarithmic or linear dimming curve selectable
- With delay turn on/off light, timer run, scene edit ect functions

- 2 channels constant voltage output
- For single color / CCT LED strip light
- Tuya APP cloud control, voice control, push dim control, wireless remote control
- PWM : 2KHZ
- With delay turn on/off light, timer run, scene edit ect functions

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| V1-L(WT) | 12-48VDC | 12-48VDC | 15A@12/24V, 10A@36/48V | 12V<180W,24V<360W 36V<360W,48V<480W |
| WT1 | 12-36VDC | 2*(12-36)VDC | 2CH*5A | 12V<120W, 24V<240W 36V<360W |
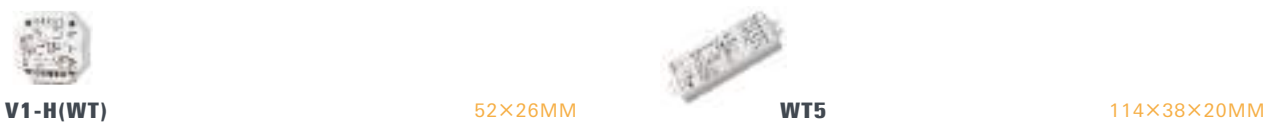
**V1-H(WT)** 52×26MM **WT5** 114×38×20MM

- 1 channel constant voltage output
- For single color LED strip light
- PWM: 500Hz/2KHz/8KHz/16KHz
- Logarithmic or linear dimming curve selectable

- 5 channels constant voltage output
- 5 in 1 function, for single color / CCT / RGB / RGBW / RGB+CCT LED strip light
- Tuya APP cloud control, voice control, wireless remote control
- PWM : 1KHZ
- With delay turn on/off light, timer run, scene edit, music play ect. functions

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| V1-H(WT) | 12-48VDC | 1*(12-48)VDC | 12/24V:1CH*9A 36/48V: 1CH*6A | 12V<108W, 24V<216W, 36V<216W , 48V<288W |
| WT5 | 12-24VDC | 5*(12-24)VDC | 5CH*3A | 12V<180W, 24V<360W |

**V1-SP(WT)** 42.5×38.5×18MM

- 1 channel constant voltage output for single color
- Tuya APP cloud control, voice control, push dim control,wireless remote control
- With on/off , brightness adjust,delay turn on/off light, timer run and scene edit function
- PWM: 500Hz/2KHz/8KHz/16KHz

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| V1-SP(WT) | 12-48VDC | 12-48VDC | 12-24V:1CH*6A 36-48V:1CH*5A | 72W@12V,144W@24V 180W@36V,240W@48V |

97×46×20MM

- 5 channels constant voltage output
- 5-in-1 function, suitable for single color, color temperature, RGB, RGBW, RGB+CCT LED strips
- Tuya APP cloud control, voice control, wireless remote control,touch button wheel
- PMW:2KHz
- With delay turn on/off light,timer run,scene edit, music play ect.functions

**DIP switch**

* Five color type selectable
* PWM frequency selectable   179×56×30MM

- 5 channels constant voltage output
- 5 in 1 function, for single color / CCT / RGB / RGBW / RGB+CCT LED strip light
- Tuya APP cloud control, voice control,push dim control, wireless remote control
- PWM : 500HZ / 2KHZ / 8KHZ / 16KHZ
- With delay turn on/off light, timer run, scene edit, music play ect. functions

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| V5-T(WT) | 12-24VDC | 5x(12-24)VDC | 5CH*3A | 12V<180W,24V<360W |
| V5-L(WT) | 12-48VDC | 5*(12-48)VDC | 12-24V:5CH*6A 36-48V:5CH*4A | 12V<360W, 24V<720W, 36V<720W, 48V<960W |

- 5 channel constant voltage output
- For RGB / RGBW / RGB+CCT LED strip light
- Tuya APP cloud control, Voice control, remote control
- PWM :2KHZ
- With delay turn on/off light, timer run, scene edit, music play ect. functions
- 6 buttons easy operation

154×35.6×21MM

| Model | M5(WT) |
|---|---|
| Input Voltage | 12-24VDC |
| Output Voltage | 5*(12-24)VDC |
| Output Current | 5CH*3A |
| Output Power | 12V<180W, 24V<360W, |

> Tuya APP cloud control, Voice control, Push Dim control, remote control
> PWM :2KHZ

> For single color/RGB/RGBW/RGB+CCT LED strip light
> 1 / 3 / 4 / 5 channel constant voltage output
> With delay turn on/off light, timer run, scene edit ect. functions

**VD1(WT)**
1 channel
single color

**VD3(WT)**
3 channel
RGB

**VD4(WT)**
4 channel
RGBW

**VD5(WT)**
5 channel
RGB+CCT

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| VD1(WT) | 5-24VDC | 5-24VDC | 1CH*5A | 5V<25W, 12V<60W, 24V<120W | 73 X 35 X 14 |
| VD3(WT) | 5-24VDC | 5-24VDC | 3CH*1.5A | 5<25.5W, 12V<54W, 24V<108W | 73 X 35 X 14 |
| VD4(WT) | 5-24VDC | 5-24VDC | 4CH*1.5A | 5V<30W, 12V<72W, 24V<144W | 73 X 35 X 14 |
| VD5(WT) | 5-24VDC | 5-24VDC | 5CH*1A | 5V<25W, 12V<60W, 24V<120W | 73 X 35 X 14 |

- WiFi & RF 3-in-1 constant voltage rotary panel LED controller
- For single color, color temperature, RGB LED strip light
- Tuya smart APP control, Voice control, RF 2.4G remote control
- Support on/off, brightness, color temperature, RGB color adjustment, delay turn on/off light, timer run, scene edit and music play function
- Rotate knob to change brightness, color temperature or RGB color, support short press, double press or long press operation
- PWM: 2000/8000Hz
- Can be used as a remote control

86×86×48MM

| Model No. | TV-K(WT) (White / Black) |
|---|---|
| Input Voltage | 12-48VDC |
| Output Voltage | 12-48VDC |
| Output Current | 3CH*4A |
| Output Power | 12V<144W,24V<288W, 36V<432W,48V<576W |

▶ **Wi-Fi &RF AC Triac Dimmer**

> Tuya APP cloud control, Voice control, Push Dim control, RF remote control
> Leading edge or trailing edge dimming settable via DIP switch

> Connect with external push switch to achieve on/off and 0-100% dimming
> Light on/off fade time 0.5/3s selectable

**S1-B(WT)**   52 X 52 X 26MM

- Min brightness can be set by key
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights

**SS-B(WT)** (Non-dimmable)   52 X 52 X 26MM

- To switch single color LED lamps, traditional incandescent and halogen lights

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| S1-B(WT) | 100-240VAC | 100-240VAC | 1CH*1.5A | 110V<150W, 220V<300W,240V<360W |
| SS-B(WT) | 100-240VAC | 100-240VAC | 1CH*1.5A | 110V<150W, 220V<300W,240V<360W |

▶ **Wi-Fi & RF Smart AC Switch**

**SS-L(WT)**   56 X 56 X 25MM

- Wi-Fi + RF + AC push smart switch, just on/off
- Work with RF 2.4G dimming remote control
- Tuya APP cloud control, voice control, RF remote control, push switch control
- With delay turn on/off light and timer run function
- To switch single color LED lamps, traditional incandescent and halogen lights
- High-inrush specification relays (normally open)

**SS-C(WT)**   52 X 52 X 26MM

- WiFi & RF relay switch,10A dry contact main rated relay output, zero cross switching function
- Tuya APP control, voice control, RF remote control, push switch control
- Support on/off, delay turn on/off and timer run function
- High-inrush specification relay
- Can also work as WiFi-RF converter

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| SS-L(WT) | 100-240VAC | 100-240VAC | 15A (Resistive load), 10A (inductive load) | 100V<1500W, 240V<3600W |
| SS-C(WT) | 100-240VAC | 100-240VAC | 10A(resistive load), 8A(capacitive load), 6A(inductive load) | 100V<1000W,240V<2400W |

- High-voltage AC input, 4-channel high-voltage AC switch output
- Tuya smart APP control, Voice control, RF 2.4G remote control
- Support turn on/off zone light, one key turn on/off all lights, delay turn on/off light, timer run and restart status setting function
- Set 1, 2, 3, 4 channel switch output by DIP switch
- Suitable for turning on/off single color LED lights, traditional incandescent and halogen lights

179 X 56 X 30MM

| Model No. | SS-4(WT) |
|---|---|
| Input Voltage | 100-240VAC |
| Output Voltage | 100-240VAC |
| Output Current | 4CH, 5A/CH |
| Output Power | 100V<500W,240<1200W |

www.iskydance.com

## ▶ Wi-Fi & RF 0/1-10V Dimmer

> Tuya APP cloud control, voice control, Push Dim control, RF remote control

> 0-10V or 1-10V output selectable

> 256 levels 0-100% dimming smoothly without any flash

> Light on/off fade time 0.5/3s selectable

52 X 52 X 26MM

175×45×27MM

| Model No. | L1(WT)  1 channel output | Model No. | L2(WT)  2 channel output |
|---|---|---|---|
| Input Voltage | 100-240VAC | Input Voltage | 100-240VAC |
| Input Signal | Tuya APP + RF + Push Dim | Input Signal | Tuya APP + RF + Push Dim |
| Output Signal | 1 × 0/1-10V | Output Signal | 2×(0/1-10V)(20mA/CH) |

## ▶ Panel WiFi 0/1-10V Dimmer

> 1 channel 0/1-10V signal output

> Tuya APP cloud control, voice control,Rotate knob control

> High surge specification relay switch output, with over-zero detection function

86×86×48MM

| Model No. | Input Voltage | Input signal | Output signal | Output current |
|---|---|---|---|---|
| TL-K(WT) (White/Black) | 100-240VAC | WiFi + Rotary knob | 0/1-10V (50mA) | Max 3A (AC) |

## ▶ Wi-Fi & RF High Voltage LED Controller

> 3 channel high voltage LED strip controller

> 3 in 1 function, for single color / CCT / RGB LED strip light

> Tuya APP cloud control, voice control, Push Dim control, RF remote control

> PWM : 2KHZ

> 256 levels 0-100% dimming smoothly without any flash

> With delay turn on/off light, timer run, scene edit, music play ect. functions

> Light on/off fade time 0.5/3s selectable

175×45×27MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| S3(WT) | 100-240VAC | 3*(100-240)VDC | 3CH*1A | 110V<300W, 220V<660W, 240V<720W |

## ▶ Wi-Fi+RF Smart Curtain Switch Module

> Tuya APP control, AC Motor Control, Voice control, RF remote control, Push Dim control

> Input signal: Tuya APP / RF 2.4GHZ / Push switch

> With timing on/off, motor commutation function

For curtain control

Mobile Phone    RF remote

Push Switch

Curtain motor type for example:
Standard AC tubular motor
DuyaDM35S/DM35QL

Wi-Fi+RF Smart Curtain Switch Module
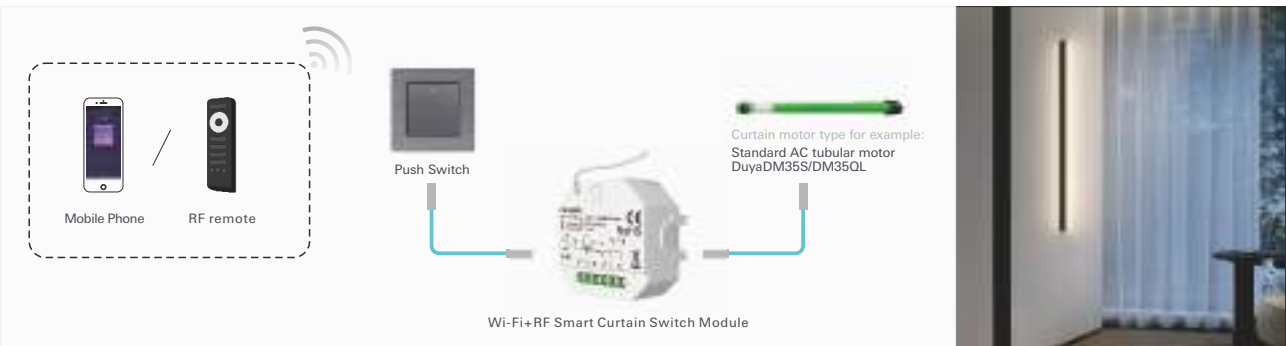
56 X 49.5 X 28MM

| Model No. | Input Voltage | Output Current | Output Power | Control distance |
|---|---|---|---|---|
| CM-SS(WT) | 110-240VAC 50/60Hz | Max. 2A(AC) | 200-480W | 30m(Barrier-free space) |

## ▶ Wi-Fi & RF Constant Current LED Driver

Tuya APP | Wi-Fi | Digital Dimming | Over-heat Protection | Multiple Current | Over Load Protection | Short Circuit Protection | Warranty 5 years

> Tuya APP control, Voice control, RF 2.4G remote control

> Universal AC input / Full range

> 1 channel or 2 channel constant current output, DIP switch select current

> With delay turn on/off light, timer run, scene edit etc. function

> 256 levels 0-100% dimming smoothly without any flash

LED Current Selection:

**PB-12A-H(WT)**
1 CH
Dimming

**PB-12A-L(WT)**
1 CH
Dimming

| Model | 1 2 3 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PB-12A-H(WT) | Output Voltage | 3-24V | 3-24V | 3-24V | 3-24V | 3-22V | 3-20V | 3-18V | 3-17V |
| | Output Current | 350mA | 400mA | 450mA | 500mA | 550mA | 600mA | 650mA | 700mA |
| PB-12A-L(WT) | Output Voltage | 9-45V | 9-45V | 9-45V | 9-45V | 9-40V | 9-34V | 9-30V | 9-26V |
| | Output Current | 100mA | 150mA | 200mA | 250mA | 300mA | 350mA | 400mA | 450mA |

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(EFF) | Size (mm) |
|---|---|---|---|---|---|---|
| PB-12A-H(WT) | 100-240VAC | 3-24VDC | 350-700mA | Max.12W | >79% | 110 X 36 X 20 |
| PB-12A-L(WT) | 100-240VAC | 9-45VDC | 100-450mA | Max.12W | >80% | 110 X 36 X 20 |

> Special for magnetic & linear lamp

> No input polarity

> 1 channel or 2 channel DC to DC constant current output, DIP switch select current

> Tuya APP control, Voice control, RF 2.4G remote control

> With delay turn on/off light, timer run, scene edit etc. function

> 0-100% dimming smoothly without any flash

> Short circuit/overload/no-load and anti-reverse protection

**CXR-21A(WT)**
1 CH
Dimming
92 X 13.5 X 12.2MM

**CXR-21A-2(WT)**
2 CH
CCT
117 X 13.5 X 12.2MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) |
|---|---|---|---|---|---|
| CXR-21A(WT) | 48Vdc±5%(No polarity) | 10-42VDC | 150-500mA | 1.5W-21W | 93% |
| CXR-21A-2(WT) | 48Vdc±5%(No polarity) | 10-42VDC | 2*(150-500)mA | 1.5W-21W | 93% |

## ▶ Wi-Fi & IR CV Dimmer Kit

> 1-4 channels constant voltage LED dimmer

> Connect with 5 meters single color/CCT/RGB/RGBW LED strip

> Tuya APP control, voice control,infrared remote control, 3 button control/key

> With on/off, brightness adjust, delay turn on/off light,timerrun,scene edit function

> F3-D(WT)+RC3 Kit built in 10 dynamic modes

| F1-D(WT)+RC1 | F2-D(WT)+RC2 | F3-D(WT)+RC3 | F1-M(WT)+RC1 | F3-M(WT)+RC3 | F4-M(WT)+RC3 |
|---|---|---|---|---|---|
| DIM | CCT | RGB | DIM | RGB | RGBW |
| 73×35×14MM | 73×35×14MM | 73×35×14MM | 73×33×18MM | 73×33×18MM | 73×33×18MM |

| Model No. | Input Voltage | Output Voltage | Output current | Output power | Input signal |
|---|---|---|---|---|---|
| F1-D(WT)+RC1 | 5-24VDC | 5-24VDC | 1CH*5A | 5V<25W,12V<60W, 24V<120W | Wi-Fi+IR+3 button |
| F2-D(WT)+RC2 | 5-24VDC | 5-24VDC | 2CH*2A | 5V<20W,12V<48W, 24V<96W | Wi-Fi+IR+3 button |
| F3-D(WT)+RC3 | 5-24VDC | 5-24VDC | 3CH*1.5A | 5V<22.5W,12V<54W, 24V<108W | Wi-Fi+IR+3 button |
| F1-M(WT)+RC1 | 5-24VDC | 5-24VDC | 1CH*5A | 5V<25W,12V<60W, 24V<120W | Wi-Fi+IR+key |
| F3-M(WT)+RC3 | 5-24VDC | 5-24VDC | 3CH*1.5A | 5V<22.5W,12V<54W, 24V<108W | Wi-Fi+IR+key |
| F4-M(WT)+RC3 | 5-24VDC | 5-24VDC | 4CH*1A | 5V<20W,12V<48W, 24V<96W | Wi-Fi+IR+key |

## ▶ RF & Wi-Fi Controller Kit

> Tuya APP control, RF remote control, push switch control

> With brightness adjust,delay turn on/off light, timer run, scene edit etc.function

> Light on/off fade time 3s selectable

> 3VDC(CR2032) battery

> Blister and color box packing options

> Easy installation and end user friendly

**Color Box**

- Wi-Fi & RF Triac Dimmer Kit
- Easy to be inserted into standard 86*86mm wall box

| Model No. | S1-B(WT)+R11 |
|---|---|
| Input Voltage | AC100-240V |
| Output Voltage | AC100-240V |
| Output current | 1CH*1.5A |
| Output power | 150-360W |
| Battery | 3VDC(CR2032) |
| Remote distance | 30m |
| Size (mm) | 125×200×22 |

- Wi-Fi & RF LED Dimmer Kit
- Apply to single color LED strip

| Model No. | WT1+R11 |
|---|---|
| Input Voltage | 12-36VDC |
| Output Voltage | 2 x (12-36)VDC |
| Output current | 2CH*5A |
| Output power | 12V<120W,24V<360W |
| Battery | 3VDC(CR2032) |
| Remote distance | 30m |
| Size (mm) | 125×200×22 |

## ▶ Bluetooth & RF LED Controller

> Tuya APP cloud control, voice control, 2.4G RF remote control, Push Dim control

> 256 levels 0-100% dimming smoothly without any flash

> Light on/off fade time 0.5/3s selectable

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

**WB1**

- 2 channel constant voltage output
- For single color / CCT LED strip light
- PWM : 2KHZ

**WB5**

- 5 channel constant voltage output
- 5 in 1 function, for single color / CCT / RGB / RGBW / RGB+CCT LED strip light
- PWM : 1KHZ

114×38×20MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| WB1 | 12-36VDC | 2*(12-36)VDC | 2CH*5A | 12V<120W, 24V<240W, 36V<360W |
| WB5 | 12-24 VDC | 5*(12-24)VDC | 5CH*3A | 12V<180W, 24V<360W |

## ▶ Bluetooth Gateway

> Plug and play, easy to use

> Integrated with Wi-Fi and bluetooth single point & Mesh communication mode, achieve remote WiFi control and local bluetooth control

> WiFi signal and bluetooth single point & Mesh signal are stable and reliable, can cover a wide area, preventing interference, and feature lower power consumption

> The same local area network can connect multiple Bluetooth gateway via Smart Life App

> Long press reset key for 5s to clear previous connection, enter configure mode rapidly

Tuyacloud

| Mobile phone | Wifi Router | WG-B | WB5 LED Controller | RGB+CCT strip |
|---|---|---|---|---|

| Model No. | State Indicator | Input Voltage | Input Current | Size (mm) |
|---|---|---|---|---|
| WG-B | Two LED (WiFi+Bluetooth) | Type-C DC 5V | <1A | Φ72×25 |

## ▶ RF & ZigBee 3.0 LED Strip Controller

> Tuva App cloud control, voice control, RF remote control compatible with Philips HUE

> 256 levels 0-100% dimming smoothly without any flash

> Light on/off fade time 0.5/3s selectable

> With delay turn on/off light, timer run, scene edit, music play ect. functions

| RF Remote control | Voice control | App control | Scene edit | Tuya APP | Wi-Fi | Music play | Device sharing | Timer function | Group control | Zigbee |
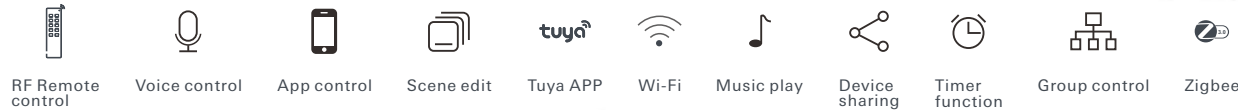
### WZ1

- 2 channel constant voltage output
- For single color / CCT LED strip light
- PWM : 2KHZ

### WZ5

- 5 channel constant voltage output
- 5 in 1 function, for single color / CCT / RGB / RGBW / RGB+CCT LED strip light
- PWM : 1KHZ

### V5-L(WZ)

- 5 channel constant voltage output
- 5 in 1 function, for single color/dual color/ RGB/RGBW/RGB+CCT LED strip light
- PWM: 500Hz/2KHz/8KHz/16KHz
- Push switch control

### V1-H(WZ)

- 1 channel constant voltage output
- For single color LED strip light
- PWM: 500Hz/2KHz/8KHz/16KHz
- Logarithmic or linear dimming curve selectable

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| WZ1 | 12-36VDC | 2*(12-36)VDC | 2CH*5A | 12V<120W, 24V<240W, 36V<360W | 114 X 38 X 20 |
| WZ5 | 12-24VDC | 5*(12-24)VDC | 5CH*3A | 12V<180W, 24V<360W | 114 X 38 X 20 |
| V5-L(WZ) | 12-48VDC | 5* (12-48)VDC | 5CH*6A @ 12/24V, 5CH*4A @ 36/48V | 12V<360W, 24V<720W, 36V<720W, 48V<960W | 179 X 56 X 30 |
| V1-H(WZ) | 12-48VDC | 12-48VDC | 9A@12/24V, 6A@36/48V | 12V<108W, 24V<216W, 36V<216W, 48V<288W | 52 X 52 X 26 |

## ▶ ZigBee 3.0 Constant Voltage LED Controller

> For RGB, RGBW, RGB+CCT, CCT or single color LED strip light

> Tuya App cloud control, voice control, compatible with Philips HUE

> Compatible with Amazon Alexa, Google Home, TmallGehie etc. smart speaker

> 256 levels 0-100% dimming smoothly without any flash

> With delay turn on/off light, timer run, scene edit, music play, sleep wake-up and biorhythms ect. functions

> Zigbee 3.0 remote or scene panel control optional

| WZS1(Dimming) | WZS2(CCT) | WZS3(RGB) | WZS4(RGBW) | WZS5(RGB+CCT) |
|---|---|---|---|---|
| PWM : 4KHZ | PWM : 4KHZ | PWM : 2KHZ | PWM : 2KHZ | PWM : 2KHZ |
| 2 CH | 2 CH | 3 CH | 4 CH | 5 CH |

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| WZS1 | 12-36VDC | 12-36VDC | 2CH*5A | 12V<120W, 24V<240W, 36V<360W | 114 X 38 X 20 |
| WZS2 | 12-36VDC | 12-36VDC | 2CH*5A | 12V<120W, 24V<240W, 36V<360W | 114 X 38 X 20 |
| WZS3 | 12-24 VDC | 12-24 VDC | 3CH*4A | 12V<144W, 24V<288W | 114 X 38 X 20 |
| WZS4 | 12-24 VDC | 12-24 VDC | 4CH*3A | 12V<144W, 24V<288W | 114 X 38 X 20 |
| WZS5 | 12-24 VDC | 12-24 VDC | 5CH*3A | 12V<180W, 24V<360W | 114 X 38 X 20 |

## ▶ Zigbee & RF AC Triac Dimmer

> Tuya APP cloud control, voice control, RF remote control, Push Dim control compatible with Philips HUE
> RF dimming remote control optional
> Connect with external push switch to achieve on/off and 0-100% dimming
> Wall junction box mounting

Reverse-phase
Forward-phase

### S1-B(WZ)

- ZigBee + RF + Push AC phase-cut dimmer
- Min brightness can be set by key
- Light on/off fade time 0.5/3s selectable
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights

Reverse-phase
Forward-phase

### SS-B(WZ)

- AC push smart switch, without dimming function
- To switch single color LED lamps, traditional incandescent and halogen lights

Reverse-phase
Forward-phase

### SS-L(WZ)

- AC push smart switch, without dimming function
- To switch single color LED lamps, traditional incandescent and halogen lights
- High-inrush specification relays (normally open)

### S1-F(WZ)

- Zigbee + RF + AC Push +single line phase cut dimmer
- Min brightness can be set by key
- Light on/off fade time 3s selectable
- To dim and switch single color LED lamps, traditional incandescent and halogen lights

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| S1-B(WZ) | 100-240VAC | 100-240VAC | 1CH*1.5A | 100V<150W,240V<360W |
| SS-B(WZ) | 100-240VAC | 100-240VAC | 1CH*1.5A | 100V<150W,240V<360W |
| SS-L(WZ) | 100-240VAC | 100-240VAC | 15A (Resistive load) 10A (inductive load) | 100V<1500W,240V<3600W |
| S1-F(WZ) | 100-240VAC | 100-240VAC | 1CH*1.5A | 100V<150W,240V<360W |

## ▶ Zigbee & RF 0/1-10V Dimmer

- 1 channel 0/1-10V signal output
- Tuya APP cloud control, voice control, RF remote control, Push Dim control compatible with Philips HUE bridge

- 0-10V or 1-10V output selectable
- 256 levels 0-100% dimming smoothly without any flash
- Light on/off fade time 0.5/3s selectable

**L1(WZ)**

52 X 52 X 26MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|-----------|---------------|----------------|----------------|--------------|
| L1(WZ) | 100-240VAC | / | 1CH*20mA | 0-10V/1-10V |

## ▶ Panel ZigBee 0/1-10V Dimmer

- 1 channel 0/1-10V signal output
- Tuya APP cloud control, voice control, Rotate knob control compatible with Philips HUE bridge
- High surge specification relay switch output, with over-zero detection function

**TL-K(WZ)**

86 X 86 X 48MM

| Model No. | Input Voltage | Input signal | Output signal | Output current |
|-----------|---------------|--------------|---------------|----------------|
| TL-K(WZ) (White/Black) | 100-240VAC | ZigBee + Rotary knob | 0/1-10V (50mA) | Max 3A (AC) |

## ▶ Zigbee Scene Panel

- 100-240VAC voltage input
- 4/8 button scene panel remote with scene recall
- Built-in Tuya Zigbee 3.0 remote module, supports scenario linkage and one-click execution
- Tuya APP set scene function
- Each button with a blue LED indicator
- Customizable button words
- Provide a variety of Chinese/English scene button pasters which can flexibly define the functions of each putton

**PK4(WZS)**
4 Zones
4 Scenes
86 X 86 X 36.5MM

**PK8(WZS)**
8 Zones
8 Scenes
86 X 86 X 36.5MM

**TS1(WZS)**
1 Zones
1 Scenes
86 X 86 X 33MM

**TS2(WZS)**
2 Zones
2 Scenes
86 X 86 X 33MM

**TS3(WZS)**
3 Zones
3 Scenes
86 X 86 X 33MM

**TS4(WZS)**
4 Zones
4 Scenes
86 X 86 X 33MM

## ▶ Zigbee Remote Control

- Apply to Zigbee 3.0 dual color LED controller or driver
- Built-in Tuya Zigbee 3.0 remote module, supports scenario linkage and one-click execution
- Each remote can match one or more receiver
- Operate with LED indicator light

**R2(WZS)**
1 Zones
4 Scenes
CR2032

135 X 40 X 11MM

## ▶ Zigbee Smart Curtain Motor

- Tuya APP control, voice control, RF remote control
- Input signal: RF 2.4GHz / Zigbee 3.0
- With timing on/off, commutation function
- Pull-to-start
- Power failure pull
- Meet resistance and stop
- Only available for Dooya electric curtain track

AC 100V~240V
Blue=Neutral wire
brown=Live wire& switch common wire
yellow/Green=Ground wire
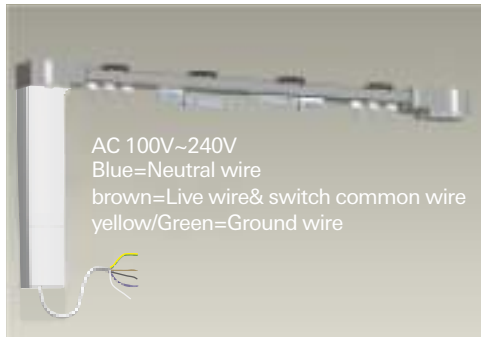
Effects of motor after installation

**CM(WZ)**

345 X 120 X 75MM

| Model No. | Input Voltage | Rated toque | Moving Speed | Singe max. running fime |
|-----------|---------------|-------------|--------------|-------------------------|
| CM(WZ) | 110-240VAC | 1.2 N.m | 14 cm/s | 4min |

## ▶ Zigbee Gateway

- Plug and play, easy to use
- Integrated with WiFi, Bluetooth and Zigbee communication mode, achieve remote WiFi control, local Zigbee control and local Bluetooth control(Mesh & Ble)
- WiFi signal, Bluetooth signal and Zigbee signal are stable and reliable, can cover a wide area, preventing interference, and feature lower power consumption
- Supports adding sub-devices without a networkand multiple sub-devices in the network at the same time
- The same local area network can connect multiple Zigbee gateway via Smart Life APP

| Model No. | State Indicator | Input Voltage | Input Current | Size (mm) |
|-----------|-----------------|---------------|---------------|-----------|
| WG-Z | Two LED (WiFi+Zigbee/Bluetooth) | Type-C DC 5V | <1A | Φ72×25 |

## ▶ Zigbee Microwave Induction Switch

- Ceiling mounting microwave motion detectors
- Output Zigbee 3.0 signal, intelligent linkage to turn on/off other Tuya Zigbee or WiFi series lighting controllers
- Tuya APP cloud control, support motion detection sensitivity, light sensitivity, time delay on/off, timer operation and intelligent linkage to other devices

- High voltage AC input, High voltage AC relay output with zero-cross detection
- Output 1 channel 0/1-10V signal, connect with 0/1-10V dimmable driver
- Output RF 2.4G signal, to control Skydance RF dimmer

**EH-M(WZ)**

H = Max. 10m
Max. 15m

Φ95 X 40MM

| Model NO. | Working voltage | Output signal | Output current | HF system | Power consumption | Detection zone |
|---|---|---|---|---|---|---|
| EH-M(WZ) | 100-240VAC | Zigbee 3.0, 0/1-10V (Max.30mA), RF 2.4GHz | Max 4A (AC) | 10.525GHz | <1.3W(Operation) | Max.(DxH) 20 x 10m |

| Detection sensitivity(DxH) | Light Sensitivity | Hold time | Mounting height | Motion detection | Detection angle |
|---|---|---|---|---|---|
| Lowl6x10m) / Middle (15x10m) / High(20x10m) | From Day to Night, five levels | 5S-1H | 10m Max. | 0.5-3m/s | 360°(ceilling installation) |

## ▶ Zigbee Constant Current Dimmable LED Driver

Over Load Protection | Digital Dimming | PWM | Over-heat Protection | Short Circuit Protection | Multiple Current

- Universal AC input / Full range
- Tuya APP control, Voice control
- Compatible wih Philips HUE bridge Zigbee 3.0 remote or scene panel
- 256 levels 0-100% dimming smoothly without any flash
- Full protective plastic case

- 1 channel or 2 channel constant current output, configurable current via DIP switch
- With delay turn on/off, timer run, scene edit, sleep wake-up and birorhythms function
- Synchronize on multiple number of LED drivers
- Suitable for indoor LED lighting application

Dimming 1 channel

* Multiple Current Optionals

111 X 36 X 20MM

| Model NO. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency (TYP) |
|---|---|---|---|---|---|
| PB-12A-L(WZS) | 100-240VAC | 9-45VDC | 100-450mA | Max. 12W | >80% |
| PB-12A-H(WZS) | 100-240VAC | 3-24VDC | 350-700mA | Max. 12W | >79% |
| PT-12A-WZS | 100-240VAC | 10-42VDC | 100-700mA | Max. 12W | >80% |

Dimming/CCT 2 channel

131 X 37 X 20.5MM

| Model NO. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency (TYP) |
|---|---|---|---|---|---|
| PB-12A-2(WZS) | 100-240VAC | 10-42VDC | 2x(150~450)mA | 12W | >80% |
| PT-12A-2-WZS | 100-240VAC | 10-42VDC | 2x(150~450)mA | Max. 12W | ≥79% |

## ▶ Zigbee Constant Current Dimmable LED Driver
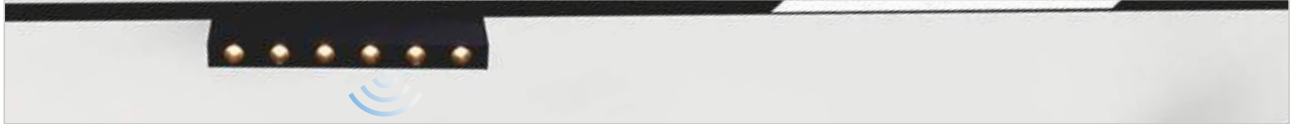
- No input polarity
- DC to DC constant current output, multiple output current settings
- Tuya APP control, Voice control, Zigbee 3.0 remote or scene panel control
- Compatible with Philips HUE bridge
- With delay turn on/off, timer run, scene edit, sleep wake-up and birorhythms function
- 256 levels 0-100% dimming smoothly without any flash
- Can relay and route to each other
- Suitable for STUCCHI standard housings, Special for magnetic & linear lamp

* Multiple Current Optionals

Dimming 1 channel

| Model NO. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency (TYP) |
|---|---|---|---|---|---|
| CXR-21A(WZS) | 48Vdc±5% ( No polarity) | 10-42VDC | 150-500mA | 1.5W- 21W | 93% |
| CXR-28A(WZS) | 48Vdc±5% ( No polarity) | 10-42VDC | 350-700mA | 3.5W- 29.4W | 95% |

CCT 2 channel

92 X 13.5 X 12.2MM

| Model NO. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency (TYP) |
|---|---|---|---|---|---|
| CXR-21A-2(WZS) | 48Vdc±5% ( No polarity) | 10-42VDC | 2*(150-500mA) | 1.5W- 21W | 93% |
| CXR-28A-2(WZS) | 48Vdc±5% ( No polarity) | 10-42VDC | 2*(350-700mA) | 3.5W- 29.4W | 95% |

## ▶ Casambi Bluetooth + RF 0/1-10V Dimmer

- 1 channel 0/1-10V signal output
- 0-10V or 1-10V output selectable
- 256 levels of 0-100% dimming smoothly without any flash

- Casambi APP control,RF remote control, Push Dim control
- With On/Off, brightness adjustment,group control, scene editing, Min/Max Brightness setting, power-on status and various power-down memory settings
- High surge specification relay output, with over-zero detection function

**L1-CB**                                                   56 X 49.5 X 28MM

| Model NO. | Input Voltage | Output signal | Output current |
|-----------|---------------|---------------|----------------|
| L1-CB | 100-240VAC | 0/1-10V (20mA) | Max. 3A (AC) |

## ▶ Casambi Bluetooth + RF triac Dimmer

- Casambi Bluetooth + RF + Push AC phase-cut dimmer, 1 channel output
- Min brightness, reverse-phase or forward-phase dimming can be set by key

- With On/Off, brightness adjustment,group control, scene editing, Min/Max Brightness setting, power-on status and various power-down memory settings function
- To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights

**S1-CB**                                                   56 X 49.5 X 28MM

| Model NO. | Input Voltage | Output Voltage | Output current | Output Power |
|-----------|---------------|----------------|----------------|--------------|
| S1-CB | 100-240VAC | 100-240VAC | Max.1.5A | 150-360W |

## ▶ Casambi Bluetooth + RF Relay Switch

- Casambi Bluetooth +RF relay switch, 10A dry contact relay output
- For on/off single-color LED lights, conventional incandescent and halogen lamps without dimming

- With On/Off, group control, scene editing, power-on status and various power-down memory settings function
- Built-in high surge specification relay with zero-crossing detection function

**SS-CB**                                                   56 X 49.5 X 28MM

| Model NO. | Input Voltage | Output Voltage | Output current |
|-----------|---------------|----------------|----------------|
| SS-CB | 100-240VAC | / | 10A Resistive load<br>8A Capacitive load (LED driver)<br>6A Inductive load (fluorescent lamp) |

# AC Triac Series

## AC Triac Dimming Series

Skydance offers a complete AC Triac control system that contains Triac dimmer/ switch, Traic dimmable LED driver,and DMX512 Triac Converter. The Triac dimmer with AC input and AC output to dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights. It is also compatible with a variety of single color RF remotes. The Triac dimmable LED driver is controlled by AC Triac dimmer. Traic dimmable LED driver supports to dim the LEDs' brightness from 0 to 100% without any flicker. They are all compatible with major control systems of Lutron, Dynalite, Clipsal, Osram, Philips,ABB, Schneider, Simens, Berker,legrand etc.



Remote

AC 100-240V

Wi-Fi & RF  Triac Dimmer     Triac Driver

AC 100-240V

Triac panel controller        Triac Driver

AC 100-240V

Push switch              Triac Driver

Downlight

Downlight

Downlight

Bulb

spotlight

Panel Light

LED strip

Office

Living room

Gym

TV room

Reading room

Compatible with various
brands of triac control system
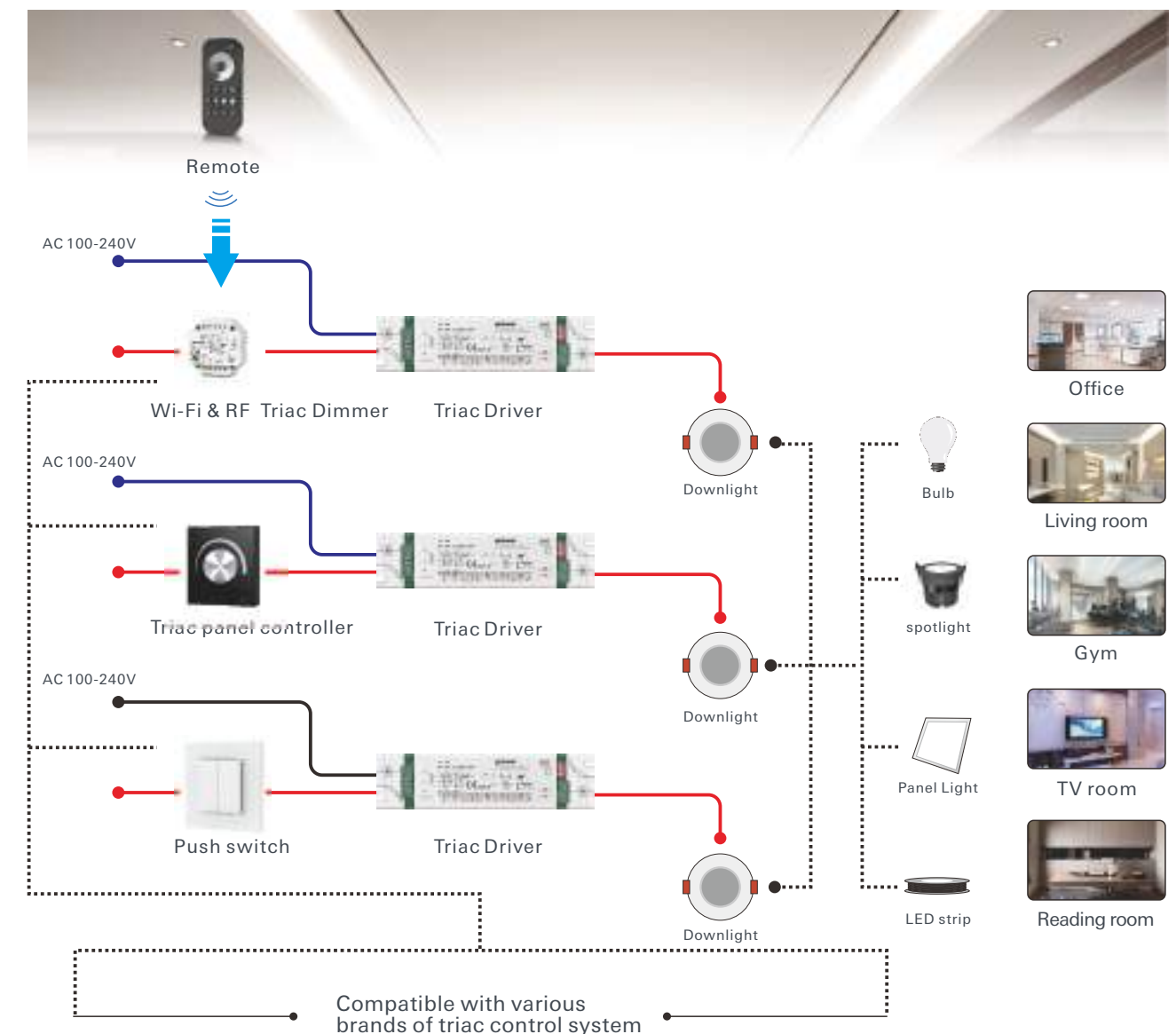
## ▶ AC Triac Switch

> RF + AC push smart switch, just on/off

52 X 52 X 26MM

> Work with RF 2.4G dimming remote control

> Connect with external push switch optional

> To switch single color LED lamps, traditional incandescent and halogen lights

**SS-L**

- High-inrush specification relays
- Zero-crossing detection
- Rail installation

**SS-B**

- High-inrush specification relay
- Zero-crossing detection
- Wall junction box mounting

**SS-C**

- Wall junction box mounting

**SS-4**

- 4-channel RF+ AC smart switch, just on/off
- Set 1, 2, 3, 4 channel switch output by DIP switch

| Model No. | SS-L | SS-B | SS-C | SS-4 |
|---|---|---|---|---|
| Input Voltage | 100-240VAC | 100-240VAC | 100-240VAC | 100-240VAC |
| Output Voltage | 100-240VAC | 100-240VAC | 100-240VAC | 100-240VAC |
| Output Current | 15A (Resistive load) 10A (inductive load) | 1CH*3A | 1CH*6A | 4CH, 5A/CH |
| Output Power | 1500-3600W | 300-720W | 600-1440W | 500-1200W |
| Relay Surge Current | 120A (20ms) | 200A | / | / |

## ▶ Triac Power Amplifier

> 1 channel output, output current MAX.2.5A

> Leading edge or trailing edge dimming set by dip switch

> Support converting from leading edge dimming to trailing edge dimming or vice versa

> Work with dimmable LED lights or triac dimmable LED drivers

> Over heat protection, automatic recovery
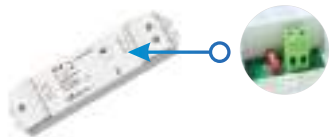
Dip switch :
Set Leading edge
or trailing edge dimming output

**S1-A**

175×45×27MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| S1-A | 100-240VAC | 100-240VAC | 1CH*2.5A | 100V<250W, 240V<600W |

## ▶ Surge Current Suppressor

- When surge current occurs in the circuit, the NTC is instantly heated, the resistance drops rapidly, playing the role of current limitation and hindering the conduction of inrush current
- Used in series with triac dimmer to protect the safety and stable operation of triac dimmer
- High sensitivity, small size, high reliability, low cost, easy to install and use

Current

* Without surge current protection

Time

* With surge current protection

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| S1-S | 100-240VAC | 100-240VAC | Max. 2A | 200-480W | 76 X 23.5 X 8.7 |

- Maximum working current is 8A, and inrush current can be suppressed to a maximum of 20A
- Built-in bypass relay
- Built-in thermal fuse for thermal protection
- Used to reduce the high start-up current generated by loads such as LED dimming drivers and LED dimmable lamps

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| S1-SX | 100-240VAC | 100-240VAC | Max. 8A | 800-1920W | 131 X 37 X 20.5 |

## ▶ RF & Triac Dimmer Kit

> 1 channel 100-240AC output phase-cut dimmer kit

> Light on/off fade time 0.5/3s selectable

> Connect with external push switch to achieve on/off and 0-100% dimming

> RF dimming remote control and push-dim optional

> Min brightness can be set by key

> Leading edge or trailing edge dimming settable via DIP switch

> To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights

> Wall junction box mounting

> Blister and color box packing options

> Easy installation and end user friendly

**Color Box**   **S1-B+R11**   **R1+S1-B**

142×200×28MM

| Model No. | Input Voltage | Output Voltage | Output current | Output power | Battery | Remote distance |
|---|---|---|---|---|---|---|
| S1-B+R11 | 100-240VAC | 100-240VAC | 1CH*1.5A | 150-360W | 3VDC(CR2032) | 30m |
| R1+S1-B | 100-240VAC | 100-240VAC | 1CH*1.5A | 150-360W | 3VDC(CR2032) | 30m |

## ▶ AC Panel dimmer

> 1 channel 100-240AC output phase-cut dimmer
> Min brightness can be set by key
> RF remote control optional
> To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
> Leading edge or trailing edge dimming settable via DIP switch

- Rotate knob control, to change brightness, switch on/off    86×86×48.5MM
- Rotate knob control, to change brightness, switch on/off    86×86×48MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| KS | AC100-240V | AC100-240V | Max 1.5A | 150-360W |
| S1-K (White/Black) | AC100-240V | AC100-240V | Max 1.5A | 150-360W |

- Leading edge or trailing edge dimming set via DIP switch
- Ultra sensitive glass touch key/slide to change brightness, switch on/off
- Play dynamic mode, 6 level speeds setting    86×86×33MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| S1-T (White/Black) | AC100-240V | AC100-240V | Max 1.5A | 150-360W |

- ZigBee AC phase-cut dimmer
- Tuya smart APP control, Philips HUE APP control, Voice control
- Support on/off, brightness adjust, delay turn on/off light, timer run, scene edit function
- Rotate knob to change brightness, support push and long push operation
- Light on/off fade time 3s selectable
- White & Black available    86×86×48MM

- WiFi AC phase-cut dimmer
- Tuya smart APP control, Voice control
- Support on/off, brightness adjust, delay turn on/off light, timer run, scene edit function
- Rotate knob to change brightness, support push and long push operation
- Light on/off fade time 3s selectable
- White & Black available    86×86×48MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| TS-K(WZ) (White/Black) | AC100-240V | AC100-240V | 1.5A | 150-360W |
| TS-K(WT) (White/Black) | AC100-240V | AC100-240V | 1.5A | 150-360W |

## ▶ AC Triac dimmer

- Input signal: DMX512 / knob / RF / 1-10V / Push switch / DALI
- 1 channel Max 6A output, AC phase-cut mosfet dimmer
- Digital numeric display, set DMX decode start address by buttons
- Reverse-phase dimming or forward-phase dimming selectable
- Minimum brightness set from 5% to 40%
- Rotate knob to change brightness, support push, push twice and long push operation
- Apply for single color dimmable LED lamps, traditional incandescent and halogen lights dimming/switch

Knob | 0/1-10V dimmer | DMX Master | Skydance 2.4G RF remote control | Push Switch | DALI Standard IEC62386

168×93.5×63MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| SK1 | 100-240VAC | 100-240VAC | 1CH*6A | 100V<600W, 240V<1400W |

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> 1 channel 100-240AC output phase-cut dimmer
> Leading edge or trailing edge dimming, set via DIP switch
> RF dimming remote control optional
> Connect with external push switch to achieve on/off and 0-100% dimming
> To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights

**TR1** (White/Black)    110×67×48MM

- Digital numeric display, brightness can be set by buttons
- Minimum brightness set from 1% to 40%
- Light on/off fade time 0 - 20s selectable

**S1-L**    175×45×27MM

- Min brightness can be set by key
- Support 0/1-10V signal input
- Light on/off fade time 0.5/3s selectable

**V1-S**    175×45×27MM

- Leading edge or trailing edge dimming settable
- PWM digital dimming, logarithmic dimming curve

| Model No. | TR1 | S1-L | V1-S |
|---|---|---|---|
| Input Voltage | 100-240VAC | 100-240VAC | 12-48VDC |
| Output Voltage | 100-240VAC | 100-240VAC | 12-48VDC |
| Output Current | 1CH*2A | 1CH*2A | 1CH*15A |
| Output Power | 100V<200W, 240V<480W | 100V<200W, 240V<480W | 12V<180W, 24V<360W 36V<540W, 48V<720W |

> Min brightness can be set by key
> RF dimming remote control and push-dim optional
> Connect with external push switch to achieve on/off and 0-100% dimming
> Light on/off fade time 0.5/3s selectable
> To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
> Wall junction box mounting

Short press switch: switch ON/OFF    Press and hold: dim the brightness    Universal push switch
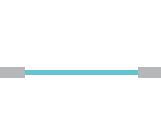
**S1-B**

- 1 channel 100-240AC output phase-cut dimmer
- Leading edge or trailing edge dimming settable via DIP switch

ON Reverse-phase / Forward-phase

**S1-F**

- 1 channel 100-240AC output single line phase-cut dimmer

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| S1-B | 100-240VAC | 100-240VAC | 1CH*1.5A | 100V<150W, 240V<360W | 52 X 52 X 26 |
| S1-F | 100-240VAC | 100-240VAC | 1CH*1.5A | 100V<150W, 240V<360W | 52 X 52 X 26 |

## ▶ Constant Voltage Dimmable LED Driver

Triac Dimming | Digital Dimming | Logarithmic Dimming | Push-Dim | Over-heat Protection | Over Load Protection | Short Circuit Protection | Warranty 5 years

> 1 channel constant voltage output, PWM digital dimming

> 0-100% smooth dimming without flicker and noise

> Over-heat, over-load, short circuit protection, recover automatically

> Full protective plastic case

> Apply to leading edge/trailing edge triac dimmers

> Triac / ELV / AC Push-Dim dimming interface

> Suitable for LED related fixture or appliance which use LED light bar and LED tape

168 X 44 X 30MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency (TYP) |
|---|---|---|---|---|---|
| TE-40-12 | 200-240VAC | 12VDC | 3.3A | Max.40W | >82% |
| TE-40-24 | 200-240VAC | 24VDC | 1.65A | Max.40W | >85% |

179 X 56 X 30MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency (TYP) |
|---|---|---|---|---|---|
| TE-75-12 | 200-240VAC | 12VDC | 6.25A | Max.75W | >85% |
| TE-75-24 | 200-240VAC | 24VDC | 3.125A | Max.75W | >87% |

> 40-220VAC Dimming voltage range, Max.150W output power

> Triac / ELV / AC Push-Dim dimming interface

> Apply to leading edge/trailing edge triac dimmers

> Connection of push switch for on/off and dimming

> Built-in active PFC function: 0.91 Typ

> THD<10%

> Over-load / Short circuit protection, recover automatically

> Class II design, SELV safety ultra-low voltage

310 X 45 X 30MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency (TYP) | Power Factor |
|---|---|---|---|---|---|---|
| TF-150-12 | 200-240VAC | 12VDC ±4% | Max. 12.5A | Max.150W | >91% | >0.95 |

310 X 45 X 30MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency (TYP) | Power Factor |
|---|---|---|---|---|---|---|
| TF-150-24 | 200-240VAC | 24VDC ±2.5% | Max. 6.25A | Max.150W | >91% | >0.95 |

## ▶ Constant Current Dimmable LED Driver

Triac Dimming | >0.9 | Digital Dimming | Logarithmic Dimming | Over-heat Protection | Multiple Current | Over Load Protection | Short Circuit Protection | Warranty 5 years

> 1 channel constant current output, multi-current optional

> Triac/ELV, AC Push-Dim dimming interface

> Connection of push switch for on/off and 0-100% dimming

> Over-load / Short circuit protection, recover automatically

> Apply to leading edge/trailing edge triac dimmers

> Built-in active PFC function: 0.95 Typ

> Class II design, SELV safety ultra-low voltage

with push function

149 X 45 X 24MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) | Power Factor |
|---|---|---|---|---|---|---|
| TF-30A | 200-240VAC | 9-45VDC | 150-900mA | Max.30W | >85% | >0.95 |
| TF-40A | 200-240VAC | 9-45VDC | 300-1050mA | Max.40W | >85% | >0.95 |

# DMX Control Series

## DMX512 Control System

Skydance DMX controllers are designed with the latest DMX512, DMX512(1990), DMX512-A and RDM standard protocols which enable users to set DMX address, choose output channel quantity, PWM output frequency and output brightness curve manually.

The advanced RDM decoder features bi-directional communication function which enables DMX console to detect decoder, displays decoder information and sets DMX address.

The DMX lighting control system consists of DMX console(DMX master) that sends DMX control signal and DMX decoder(DMX slave) which receives the control signal and outputs PWM signal to connected LED lights. Furthermore, with an additional DMX Signal Amplier DA, the DMX control signal will be double extended.

With built-in RF 2.4G module, the DMX master can be controlled by a variety of single color, dual color, RGB, RGBW,RGB+CCT Remotes.

DMX Master

DMX Decoder

DMX Signal Amplifier

Computer

Constant current decoder

Constant voltage decoder

LED strip

Stage lights

DMX console    or    DMX master

DMX512-SPI Decoder

SPI lights

AC Triac DMX Dimmer

LED Driver

DMX512-0/1-10V Decoder

0/1-10V Dimmable Driver
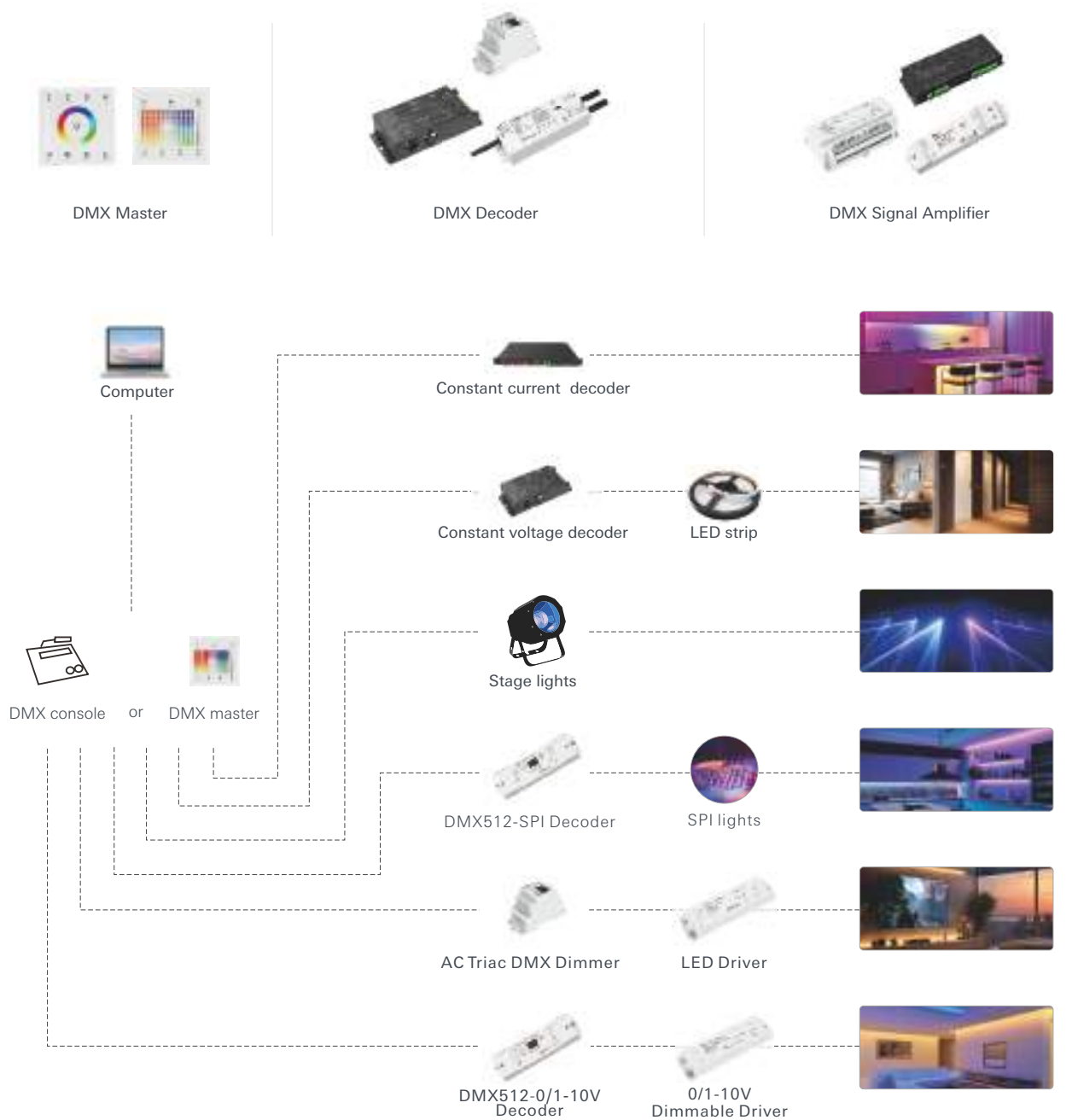
▶ **DMX CV Decoder**

> Comply with the DMX512 standard protocols
> 16bit (65536 levels) /8bit (256 levels) grey level selectable
> PWM : 500HZ /1KHZ/2KHZ/4KHZ/8KHZ/16KHZ/32KHZ

> Logarithmic or linear dimming curve selectable
> Digital numeric display, set DMX decode start address by buttons

**D4** (White/Black)

- 4 channels constant voltage output
- Logarithmic or linear dimming curve selectable

**D4-L**

- 4 channels constant voltage output

**D4-E**
**D5-E**
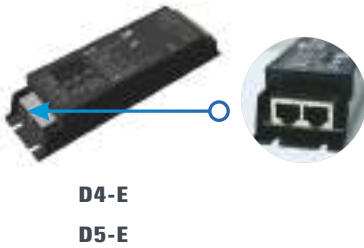
- 4/5 channels constant voltage output
- With RJ-45 DMX signal ports

**D4-P**
**D5-P**
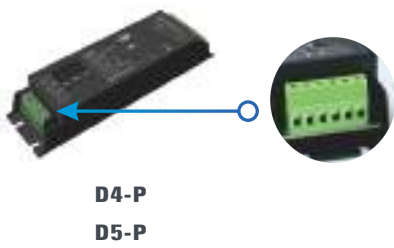
- 4/5 channels constant voltage output
- With green terminal DMX signal ports

**PC**          **DMX Console**          **DMX<Decoder**

DMX
RDM

| Model No. | D4 | D4-L | D4-E/D4-P | D5-E/D5-P |
|---|---|---|---|---|
| Input Voltage | 12-48VDC | 12-24VDC | 12-48VDC | 12-48VDC |
| Output Voltage | 12-48VDC | 12-24VDC | 12-48VDC | 12-48VDC |
| Output Current | 4CH*5A@12/24V, 4CH*4A@36V/48V | 4 channel, 5A/CH | 4 channel, 8A/CH | 5 channel, 4A/CH |
| Output Power | 12V<240W,24V<480W, 36V<576W,48V<768W | 12V<240W, 24V<480W | 12V<384W, 24V<768W, 36V<864W, 48V<1152W | 12V<240W, 24V<480W, 36V<720W, 48V<960W |
| Size (mm) | 110×67×48 | 170×50×23 | 175×46×32 | 175×46×32 |

- IP67 waterproof rating
- Apply for outdoor and damp environment
- 4 channels constant voltage output
- Logarithmic or linear dimming curve selectable
- PWM : 250HZ / 500HZ /1KHZ /2KHZ /4KHZ /8KHZ /16KHZ/32KHZ

**IP67**

* Waterproof connector

Over-heat protection
Over-load protection
Short circuit protection
recover automatically

**D4-WPS**

153 X 57 X 34MM

**001** DMX mode (001~512)
**P01** Stand-alone RGB/RGBW mode (P01~P30)
**S-8** Speed (8 level)
**b-F** Brightness (10 level,100%)
**L-1** Stand-alone dimmer mode (L-1~L-8)

**Dimming curve setting**

Linear dimming curve — Gamma=1.0

Logarithmic dimming curve — Gamma=1.6
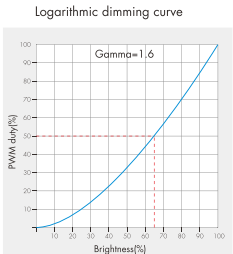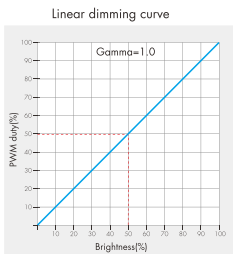
**RGB change list**

| No. | Name | No. | Name | No. | Name |
|---|---|---|---|---|---|
| P01 | Static red | P11 | Green strobe | P21 | Red yellow smooth |
| P02 | Static green | P12 | Blue strobe | P22 | Green cyan smooth |
| P03 | Static blue | P13 | White strobe | P23 | Blue purple smooth |
| P04 | Static yellow | P14 | RGB strobe | P24 | Blue white smooth |
| P05 | Static cyan | P15 | 7 color strobe | P25 | RGB+W smooth |
| P06 | Static purple | P16 | Red fade in and out | P26 | RGBW smooth |
| P07 | Static white | P17 | Green fade in and out | P27 | RGBY smooth |
| P08 | RGB jump | P18 | Blue fade in and out | P28 | Yellow cyan purple smooth |
| P09 | 7 color jump | P19 | White fade in and out | P29 | RGB smooth |
| P10 | Red strobe | P20 | RGBW fade in and out | P30 | 6 color smooth |

DMX Master

IP67

Power Supply 12-36VDC Constant Voltage

AC100-240V

RGBW LED strip
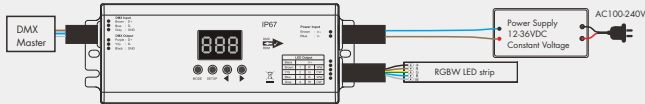
| Model No. | D4-WPS |
|---|---|
| Input Voltage | 12-48VDC |
| Output Voltage | 12-48VDC |
| Output Current | 4CH*5A@12/24V, 4CH*4A@36V/48V |
| Output Power | 12V<240W, 24V<480W, 36V<576W, 48V<768W |

# DMX Series



DMX
RDM

* RJ45

| XLR5 | XLR5 | XLR3 | XLR3 | RJ45 |

* Green terminal      * XLR3

## Dimming curve

Gamma 1.6 Standard
Gamma 0.1-9.9 Settable



Gamma Value
0.8
0.9
1.5    2.5   3.5   6.5
<1
>1

Output Brightness
100%
0          DMX Value        255

## PWM frequency

Std - 2KHZ

High - 4/8/16/32 KHZ

Mid - 500/1000HZ

Low - 250/500HZ

| DMX Console | DMX Decoder Output |
|---|---|
| CH1 0-255 | CH1 PWM 0-100% (LED R) |
| CH2 0-255 | CH2 PWM 0-100% (LED G) |
| CH3 0-255 | CH3 PWM 0-100% (LED B) |
| CH4 0-255 | CH4 PWM 0-100% (LED W) |
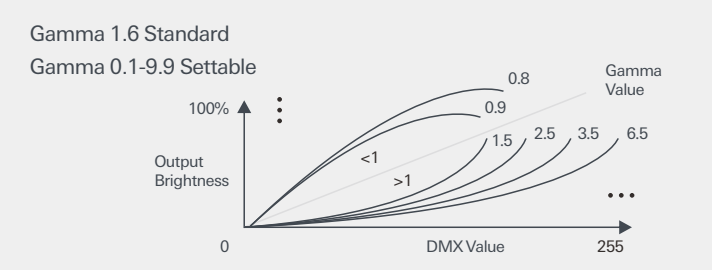
- 4 channels constant voltage output
- Logarithmic or linear dimming curve selectable
- Green terminal, XLR3 / XLR5 and RJ45 port DMX signal input

**001** | **P01** | **5-8** | **b-F** | **L-1**

DMX mode (001~512) | Stand-alone RGB/RGBW mode (P01~P30) | Speed (8 level) | Brightness (10 level,100%) | Stand-alone dimmer mode (L-1~L-8)

Linear dimming curve | Logarithmic dimming curve

Gamma=1.0 | Gamma=1.6
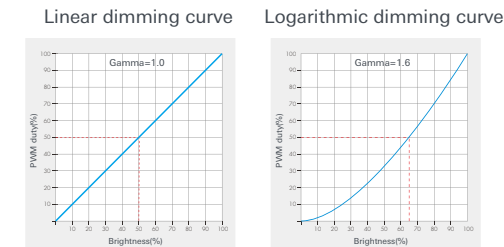
Dimming curve setting

| Malfunctions | Causes | Troubleshooting |
|---|---|---|
| No light | 1. No power. 2. Wrong connection or insecure. | 1. Check the power. 2. Check the connection. |
| Wrong color | 1. Wrong connection of R/G/B/W wires. 2. DMX decode address error. | 1. Reconnect R/G/B/W wires. 2. Set corrrect decode address. |
| Uneven intensity between front and rear,with voltage drop | 1. Output cable is too long. 2. Wire diameter is too small. 3. Overload beyond power supply capability. 4. Overload beyond controller capability. | 1. Reduce cable or loop supply. 2. Change wider wire. 3. Replace higher power supply. 4. Add power repeater. |



**D3-XE**                  165 X 70 X 38MM

| Model No. | D3-XE |
|---|---|
| Input Voltage | 12-48VDC |
| Output Voltage | 3*(12-48)VDC |
| Output Current | 3CH*10A@12/24V, 3CH*8A@36/48V |
| Output Power | 12V<360W,24V<720W,36V<864W, 48V<1152W |



**D4-XE**                  165 X 70 X 38MM

| Model No. | D4-XE |
|---|---|
| Input Voltage | 12-48VDC |
| Output Voltage | 4*(12-48)VDC |
| Output Current | 4CH*8A@12/24V, 4CH*6A@36/48V |
| Output Power | 12V<384W, 24V<768W, 36V<864W, 48V<1152W |

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**D5**

- 5 channels constant voltage output
- Digital numeric display, set DMX decode start address by buttons
- Output dimming curve gamma value 0.1-9.9 selectable
- PWM : 500HZ / 2KHZ / 8KHZ / 16KHZ
- Support green terminal(amplify output), XLR3 and RJ45 ports

**D12A**

- 12 channel constant voltage output
- Output dimming curve gamma value 0.1-9.9 selectable
- PWM : 500HZ / 2KHZ /8KHZ / 16KHZ
- D12A with green terminal, XLR3 and RJ45 DMX signal ports

**D12
D24**

- 12 channel or 24 channel constant voltage output
- Logarithmic or linear dimming curve selectable
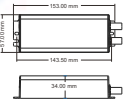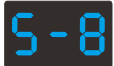- PWM : 500HZ / 1KHZ / 2KHZ / 4KHZ / 8KHZ / 16KHZ / 32KHZ
- Din rail installation

**D24A
D24B**

- 24 channel constant voltage output
- D24A DIM/CCT/RGB decoding mode selectable
- D28B DIM/CCT/RGB/RGBW decoding mode selectable
- Output dimming curve gamma value 0.1-9.9 selectable
- PWM: 500HZ/2KHZ/8KHZ/16KHZ
- Green terminal,XLR3/XLR5 and RJ45 DMX signal ports

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| D5 | 12-24VDC | 12-24VDC | 5 channel, 6A/CH | 12V<360W, 24V<720W | 170 X 86 X 39.5 |
| D12 | 12-24VDC | 12-24VDC | 12 channel, 5A/CH | 12V<720W, 24V<1440W | 165 X 70 X 38 |
| D24 | 12-24VDC | 12-24VDC | 24 channel, 3A/CH | 12V<864W, 24V<1728W | 165 X 70 X 38 |
| D12A | 12-24VDC | 12-24VDC | 12 channel, 5A/CH | 12V<720W, 24V<1440W | 246 X 116 X 38.5 |
| D24A | 12-24VDC | 12-24VDC | 24 channel, 5A/CH | 12V<1440W, 24V<2880W | 324 X 116 X 38.5 |
| D24B | 12-24VDC | 12-24VDC | 24 channel, 4A/CH | 12V<1152W, 24V<2304W | 342 X 116 X 38.5 |

# DMX Series

▶ ## High Volatge Decoder & Switch

> Comply with the DMX512/RDM standard protocols

> Digital numeric display, set DMX decode start address by buttons

### S3-DX  165 X 70 X 38MM

- 3 channels output, work with high voltage LED strip
- Logarithmic or linear dimming curve selectable
- PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ
- With green terminal, XLR3 and RJ45 DMX signal ports
- 2.4G RF remote control optional

### DP  170 X 50 X 23MM

- 1 channel AC input and output, one DMX address
- Control power on/off to cater for unwanted dimming lighting system

| Model No. | S3-DX |
|---|---|
| Input Voltage | 110-240VAC |
| Output Voltage | 110-240VAC |
| Output Current | 3CH*1.5A |
| Output Power | 110V<495W, 240V<1080W |

| Model No. | DP (switch) |
|---|---|
| Input Voltage | 110-240VAC |
| Output Voltage | 110-240VAC |
| Output Current | Max 5A |
| Output Power | 120V<500W, 240V<1200W |

▶ ## DMX CC Decoder

- Comply with the DMX512/RDM standard protocols
- Digital numeric display, set DMX decode start address by buttons
- Logarithmic or linear dimming curve selectable
- PWM : 250HZ / 500HZ / 1KHZ / 2KHZ / 4KHZ /8KHZ /16KHZ
- 16bit (65536 levels) /8bit (256 levels) grey level selectable

110×67×48MM

165 X 70 X 38MM

| Model No. | D4C(150-500mA) | D4C(350-1200mA) |
|---|---|---|
| Input Voltage | 12-48VDC | 12-48VDC |
| Output Voltage | 12-48VDC | 12-48VDC |
| Output Current | 4CH*(150-500mA) | 4CH*(350-1200mA) |
| Output Power | 4*(0.45-22.5)W | 4*(1.05-54)W |

| Model No. | D4C-XE(700-1750mA) |
|---|---|
| Input Voltage | 12-48VDC |
| Output Voltage | 12-48VDC |
| Output Current | 4CH*(700-1750mA) |
| Output Power | 4*(2.1-78.75)W |

170 X 50 X 23MM

165 X 70 X 38MM

| Model No. | D4C-L(150-500mA) | D4C-L(350-1200mA) |
|---|---|---|
| Input Voltage | 12-48VDC | 12-48VDC |
| Output Voltage | 12-48VDC | 12-48VDC |
| Output Current | 4CH*(150-500mA) | 4CH*(350-1200mA) |
| Output Power | 4*(0.45-22.5)W | 4*(1.05-54)W |

| Model No. | D32C(350mA) | D32C(700mA) |
|---|---|---|
| Input Voltage | 12-48VDC | 12-48VDC |
| Output Voltage | 12-48VDC | 12-48VDC |
| Output Current | 32CH*350mA | 32CH*700mA |
| Output Power | 32*(1-16.1)W | 32*(2.1-32.2)W |

---

- Comply with the DMX512/RDM standard protocols
- Output dimming curve gamma value 0.1-9.9 selectable.
- Stand-alone dynamic mode and dimmer mode selectable, which be controlled by buttons with built-in programs, instead of DMX signal.
- PWM : 250HZ / 500HZ / 1KHZ / 2KHZ / 4KHZ /8KHZ /16KHZ / 32KHZ
- 16bit (65536 levels) /8bit (256 levels) grey level selectable

### D1C-E  175 X 46 X 32MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| D1C-E | 12-48VDC | 3-45VDC | 250-3000mA | 0.75-135W |

▶ ## DMX-Triac Decoder

> Comply with the DMX512/RDM standard protocols

> Digital numeric display, set DMX decode start address by buttons

> Apply for single color dimmable LED lamps, traditional incandescent and halogen lights dimming/switch

> Reverse-phase dimming or forward-phase dimming selectable

> Minimum brightness set from 1% to 40%

### S1-D

- 2 channels output, AC phase-cut mosfet dimmer with DMX function

### S1-D1 (White/Black)

- 1 channel output, AC phase-cut mosfet dimmer with DMX function
- Din rail installation

### S1-DR (White/Black)

- 2 channels output, AC phase-cut mosfet dimmer with DMX function

| Model No. | S1-D | S1-D1 | S1-DR |
|---|---|---|---|
| Input Voltage | 100-240VAC | 100-240VAC | 100-240VAC |
| Output Voltage | 100-240VAC | 100-240VAC | 100-240VAC |
| Output Current | 2CH*1A | 1CH*2A | 2CH*1.2A |
| Output Power | 110V<220W, 240V<440W | 110V<200W, 240V<480W | 110V<264W, 240V<484W |
| Size (mm) | 170 X 50 X 23 | 115 X 48 X 67 | 115 X 48 X 67 |

▶ ## DMX 0/1-10V Decoder

> Comply with the DMX512/RDM standard protocols

> 1/2/4 DMX channels output selectable

> 0-10V or 1-10V signal output selectable

> Digital numeric display, set DMX decode start address by buttons

> Logarithmic or linear dimming curve selectable

Gamma=1.0

Gamma=1.8
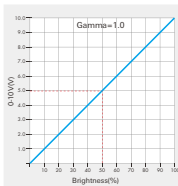
Linear dimming curve
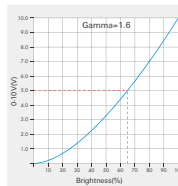
Logarithmic dimming curve

170 X 50 X 23MM

110×67×48MM

| Model No. | DL-L |
|---|---|
| Input Voltage | 12-24VDC |
| Output Current | 4CH*20mA |
| Input Signal | DMX512 |
| Output Signal | 0-10V/1-10V |

| Model No. | DL (White/Black) |
|---|---|
| Input Voltage | 110-220VAC/12-24VDC |
| Output Current | 4CH*20mA |
| Input Signal | DMX512 |
| Output Signal | 0-10V/1-10V |

## ▶ DMX-SPI Decoder

> Digital numeric display, set DMX decode start address by buttons

> 32 kinds dynamic modes

> Compatible with 45 kinds of digital IC RGB or RGBW LED strips

> Under RF mode, match with RF 2.4G RGB/RGBW remote control

**DS** (White/Black)
- Din rail installation

**DS-L**

**DSA**
- With green terminal, XLR3 / XLR5 and RJ45 DMX signal ports

| Model No. | DS | DS-L | DSA |
|---|---|---|---|
| Input Voltage | 5-24VDC | 5-24VDC | 5-24VDC |
| Input Signal | DMX512 + RF 2.4GHz | DMX512 + RF 2.4GHz | DMX512 + RF 2.4GHz |
| Output Signal | SPI(TTL) | SPI(TTL) | SPI(TTL) |
| Control Dots | 170 pixels (RGB 510 CH) Max 900pixels | 170 pixels (RGB 510 CH) Max 900pixels | 170 pixels (RGB 510 CH) Max 900pixels |
| Size (mm) | 115 X 48 X 67 | 170 X 50 X 23 | 168 X 74 X 40 |

### IC type table

| No. | IC type | Output signal |
|---|---|---|
| C11 | TM1803 | DATA |
| C12 | TM1809,TM1804,TM1812,UCS1903,UCS1909,UCS1912,SK6813,UCS2903, UCS2909,UCS2912,WS2811,WS2812,WS2813,WS2815,SM16703P | DATA |
| C13 | TM1829 | DATA |
| C14 | TLS3001,TLS3002 | DATA |
| C15 | GW6205 | DATA |
| C16 | MBI6120 | DATA |
| C17 | TM1814B(RGBW) | DATA |
| C18 | SK6812(RGBW),WS2813(RGBW),WS2814(RGBW) | DATA |
| C19 | UCS8904B(RGBW) | DATA |
| C21 | LPD6803,LPD1101,D705,UCS6909,UCS6912 | DATA,CLK |
| C22 | LPD8803,LPD8806 | DATA,CLK |
| C23 | WS2801,WS2803 | DATA,CLK |
| C24 | P9813 | DATA,CLK |
| C25 | SK9822 | DATA,CLK |
| C31 | TM1914A | DATA |
| C32 | GS8206,GS8208 | DATA |
| C33 | UCS2904 | DATA |
| C34 | SM16804 | DATA |
| C35 | SM16825 | DATA |
| C36 | SM16714(RGBW) | DATA |
| C37 | UCS5603 | DATA |
| C38 | UCS2603 | DATA |
| C39 | SM16714D | DATA |

### IC type, RGB order and pixel length length setting

**C12** IC type

**0-1** RGB order

**170** pixel length

**boF** disable automatic blank screen

### Stand-alone mode

**P01** Stand-alone mode

**5-8** Speed (8 level)

**b-F** Brightness (10 level,100%)

### DMX decode mode

**001** Stand-alone mode

DMX data from DMX512 console

| DMXCH | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DMX Data | 255 | 0 | 0 | 0 | 255 | 0 | 0 | 0 | 255 | 255 | 255 | 0 | 0 | 255 | 255 | 255 | 0 | 255 |

DMX-SPI decoder output

(start address: 001, decode channel number: 18, each 3 channel control length: 1)

DMX-SPI decoder output

(start address: 001, decode channel number: 18, each 3 channel control length: 3)

## ▶ DMX Signal Amplifier

> Apply to amplify, distribute and insulate the DMX signal transmission

> Input and outputs are ture RS-485 rated, and no microprocessors are used for maximum reliability

> Photo-electricity insulation between input and output terminals

**DA-L** DMX 512 Mater

**DA** (White/Black) Din rail

**DMA** Green terminal/XLR3/XLR5 ports

**DMA2X3** Din rail

**DA-RDM** (White/Black)

**DA-L-RDM**

Device 1   Device 2   Device 3   Device 4   Device 31   Device 32

Terminated

DMX Signal Splitter

DMA

Device 1   Device 2   Device 3   Device 4   Device 5   Device 32

Terminated

Device 1   Device 2   Device 3   Device 4   Device 5   Device 32

Terminated

| Model No. | Input Voltage | Input Signal | Output Signal | Output Channel | Size (mm) |
|---|---|---|---|---|---|
| DA | 12-36VDC | DMX512 | DMX512*2 | 2 channels | 115 X 48 X 67 |
| DA-L | 12-48VDC | DMX512 | DMX512*2 | 2 channels | 175 X 45 X 27 |
| DMA | 12-36VDC | DMX512 | DMX512*4 | 4 channels | 256 X 92 X 38 |
| DMA2X3 | 12-48VDC | DMX512*2 | DMX512*6 | 6 channels | 160 X 88 X 60 |
| DA-RDM | 12-48VDC | DMX512 & RDM | DMX512 & RDM x 2 | 2 channels | 110 X 48 X 67 |
| DA-L-RDM | 12-48VDC | DMX512 & RDM | DMX512 & RDM x 2 | 2 channels | 175 X 45 X 27 |

## ▶ WiFi & RF DMX512 Master

RF Remote control    Voice control    App control    Scene edit    Music play    Timer function    Push Switch

> Comply with the DMX512 standard protocols

> Match with RF 2.4G remote control optional

> Tuya APP cloud control, Voice control, Push Dim control

**WT-DMX-S**
- 5 in 1 function, 1-5 channel DMX output signal
- For Singel color/CCT/RGB/RGBW/RGB+CCT LED light type
- Connect with external two push switch, supports on/off, brightness adjustment, scene switching
- Can work as WiFi/RF-DMX512 converter and WiFi-RF converter

**WT-DMX-M**
- RGB/RGBW/RGB+CCT 3-in-1 DMX512 master, Max 512 channel output
- APP Painted segment color mixing function
- APP custom 44 default and 10+ custom dynamic scenarios, 16 variations ect. dynamic effects
- 3 APP music rhythms
- Connect with external two push switch, supports on/off, brightness adjustment, dynamic mode change type and speed settings

| Model No. | Input Voltage | Input signal | Output signal | Size (mm) |
|---|---|---|---|---|
| WT-DMX-S | 12-36VDC | WiFi+ RF 2.4G + Push switch | DMX512(1-5 Channel) | 114 X 38 X 20 |
| WT-DMX-M | 12-36VDC | WiFi+ RF 2.4G + Push switch | DMX512(multipixel) | 114 X 38 X 20 |

# DMX Series

▶ ## 4-Channel LED Sync Controller

**V4-T**
RF version

4-in-1 output, support for single color, color temperature, RGB, and RGBW

4-channel constant voltage PWM output, maximum 8A output current per channel

DIP switch sets master / slave mode, 4 light types (DIM/CCT/RGB/RGBW), 4 output PWM frequency (500Hz/2KHz/8KHz/16KHz)

**V4-T(WT)**
Wi-Fi version

In RGB / RGBW LED mode, supports 10 dynamic color modes, with adjustable brightness and speed

Match with RF 2.4G single zone or multiple zone remote control optional

WiFi version can connect via 2.4GHz WiFi for Tuya APP control and voice control

Over-heat / Over-load / Short circuit protection, recover automatically

| Model No. | V4-T |
|---|---|
| Input Voltage | 12-48VDC |
| Output Voltage | 4 x (12-48)VDC |
| Output Current | 4x8A@12/24V, 4x6A@36/48V |
| Output Power | 12V<384W,24V<768W, 36V<864W,48V<1152W |
| Size (mm) | 153 X 69 X 30 |

| Model No. | V4-T (WT) |
|---|---|
| Input Voltage | 12-48VDC |
| Output Voltage | 4 x (12-48)VDC |
| Output Current | 4x8A@12/24V, 4x6A@36/48V |
| Output Power | 12V<384W,24V<768W, 36V<864W,48V<1152W |
| Size (mm) | 153 X 69 X 30 |

▶ ## DMX Panel Master & RF Panel Remote(DIM)

- Input voltage 100-240VAC
- Can also work as RF remote control
- Single zone and 4 zone panel options, Max.save 4 scenes
- Wall mounted touch panel
- 256 levels 0-100% dimming, without flash
- Push/rotate/touch with chord tones and LED indicator

**T11-4S** (White/Black)
4 zone
3 scene
86 X 86 X 33MM

**T11-K** (White/Black)
1 zone

86 X 86 X 48MM

**T11** (White/Black)
4 zone
4 scene
86 X 86 X 35MM

**T11-1** (White/Black)
4 zone
3 scene
86 X 86 X 35MM

**T11(IT)** (White/Black)
4 zone

120 X 80 X 37MM

- Ultra sensitive high strength glass DMX dimming touch panel
- Smooth and accurate color adjustment by touching the wide brightness touch slide
- 256 dimming levels,0-100% brightness easy adjust
- Four scene keys, 4 scenes can be saved
- 100-240VAC power supply input

**T11-S** (White/Black)
1 zone
4 scene
86 X 86 X 33MM

* Increase brightness, 10 level

* One click to turn on/off the light

* Decrease brightness,10 level

* Brightness slide,add brightness to the right, 256 dimming levels, make dimming more delicate and intuitive

* Short press recall the scene, long press 5s save current color into scene 1/2/3/4

▶ ## DMX Panel Master & RF Panel Remote(CCT)

- Input voltage 100-240VAC
- 256 levels 0-100% dimming, without flash
- Single zone and 4 zone panel options, Max.save 4 scenes
- Wall mounted touch panel
- Touch with chord tones and LED indicator

**T12** (White/Black)
4 zone
4 scene
86 X 86 X 35MM

**T12-1** (White/Black)
4 zone
1 scene
86 X 86 X 35MM

**T12(IT)** (White/Black)
4 zone

120 X 80 X 37MM

**T12-S** (White/Black)
1 zone
4 scene
86 X 86 X 33MM

**T12-4S** (White/Black)
4 zone
3 scene
86 X 86 X 33MM

▶ ## DMX Panel Master & RF Panel Remote(RGB / RGBW / RGB+CCT )

- Input voltage 100-240VAC
- Can also work as RF remote control
- Touch with chord tones and LED indicator
- Wall mounted touch panel
- 256 levels 0-100% dimming, without flash
- Single zone and 4 zone panel options, Max.save 4 scenes

### RGB DMX master

**T13-4S** (White/Black)
4 zone
3 scene
86 X 86 X 33MM

**T13-S** (White/Black)
1 zone
4 scene
86 X 86 X 33MM

**T13** (White/Black)
4 zone
4 scene
86 X 86 X 35MM

### RGBW DMX master

**T14-4S** (White/Black)
4 zone
3 scene
86 X 86 X 33MM

**T14-S** (White/Black)
1 zone
4 scene
86 X 86 X 33MM

**T14-1** (White/Black)
RGBW
4 zone
86 X 86 X 35MM

**T14** (White/Black)
1 zone
3 scene
86 X 86 X 35MM

**T14(IT)** (White/Black)
RGBW
4zone
120 X 80 X 37MM

### RGB+CCT DMX master

**T15-4S** (White/Black)
4 zone
3 scene

86 X 86 X 33MM

**T15** (White/Black)
dimming, CCT, RGB/RGBW, RGB+CCT
4 zone
3 scene
86 X 86 X 35MM

**T15(IT)** (White/Black)
dimming, CCT, RGB/RGBW, RGB+CCT
4 zones
1 scene
120 X 80 X 37MM

# 0/1-10V Series

## 0/1-10V System

The 0/1-10V series perfectly solves the problem of compatibility between the fluorescent lamp dimming system and LED lighting. SKYDANCE 0/1-10V series products have a built-in high-performance MCU that supports five-in-one dimming, and 0~100% dimming range.

Logarithmic characteristic dimming, compatible with various brands of 0/1-10V dimmers and control systems on the market, such as Lutron, EVITIN, Schneider, etc. SKYDANCE 0/1-10V series includes 0/1-10V panel dimmer,RF or DMX to 0/1-10V signal converter, 0/1-10V low voltage dimming driver, 0/1-10V dimming constant voltage power supply, 0/1-10V dimming constant current power supply and other products, provide a complete 0/1-10V lighting control System solution.

RF to 0/1-10V

AC input

AC input

RF to 1 Channel 0/1-10V Dimmer

LED

RF Touch Panel Remote
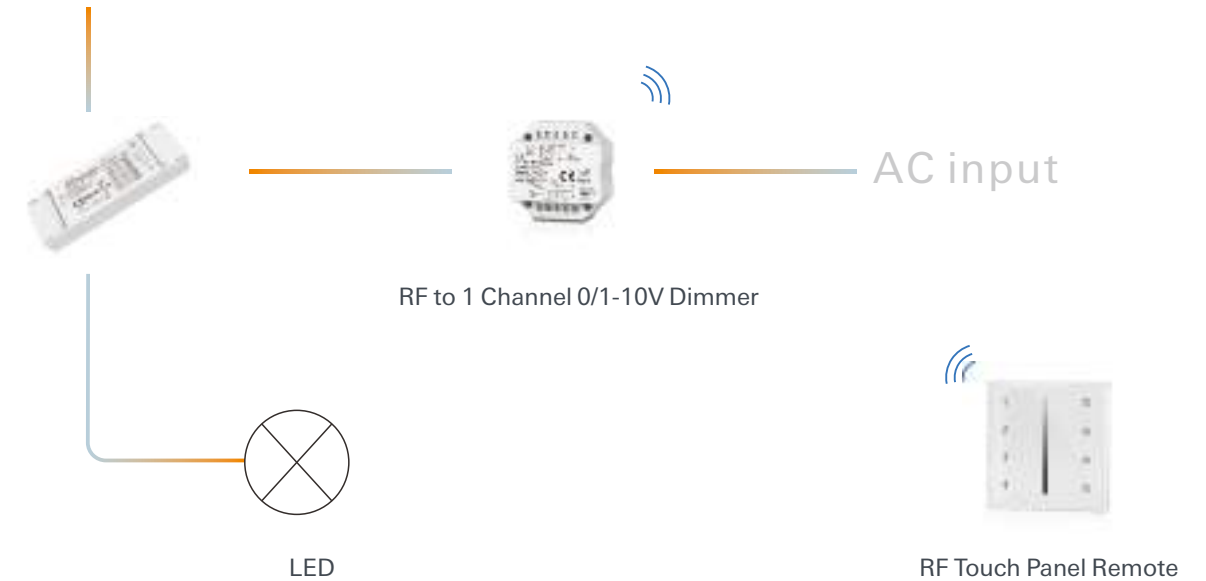
DMX512 to 0/1-10V

AC input

DMX512 to 4CH 0/1-10V Converter     DMX512 Master

AC input

LED

# 0/1-10V Series

## ▶ DC Dimming Driver

> Compatible with active or passive 0-10V, 1-10V dimmer

> 256 levels 0-100% dimming smoothly without any flash, logarithmic dimming curve

> Apply to the uorescent lamp dimming system compatible with LED lighting

**LV**
- 1 channel PWM constant voltage output
- PWM : 500HZ/2KHZ/8KHZ/16KHZ

**LV2**
- For CCT
- 2 channel PWM constant voltage output
- PWM : 2KHZ

**LV-L**
- 1 channel PWM constant voltage output, with push-dim function
- PWM : 500HZ/2KHZ/8KHZ/16KHZ

**LV-D**
- 1 channel 0/1-10V input, 1 channel PWM constant voltage output with push-dim function
- Compatible with active or passive 0-10V, 1-10V dimmer
- PWM : 500HZ/2KHZ/8KHZ/16KHZ

**L4-L**
- 4 channel PWM constant voltage output, with push-dim function
- Compatible with active or passive 0-10V, 1-10V dimmer
- PWM : 500HZ

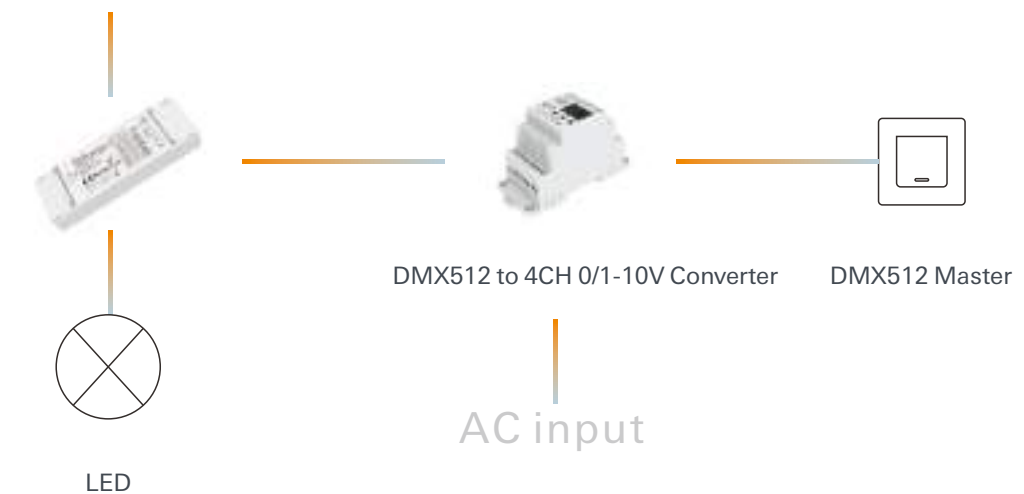| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| LV | 12-48VDC | 12-48VDC | 1CH*8A | 12V<96W, 24V<192W 36V<288W, 48V<384W | 97 X 33 X 18 |
| LV2 | 12-36VDC | 12-36VDC | 2CH*5A | 12V<120W, 24V<240W 36V<360W | 114 X 38 X 20 |
| LV-L | 12-48VDC | 12-48VDC | 12-24V:1CH*15A 36-48V:1CH*10A | 12V<180W, 24V<360W 36V<360W, 48V<480W | 175 X 45 X 27 |
| LV-D | 12-48VDC | 12-48VDC | 12-24V:1CH*15A 36-48V:1CH*10A | 12V<180W, 24V<360W 36V<360W, 48V<480W | 110 X 67 X 48 |
| L4-L | 12-48VDC | 12-48VDC | 4CH*5A | 12V<240W, 24V<480W 36V<720W, 48V<960W | 175 X 45 X 27 |

## ▶ RF 0/1-10V Signal Converter

> RF signal input

> 0/1-10V signal output

> 256 levels 0-100% dimming smoothly without any flash

> Match with RF 2.4G single color, dual color and RGB/RGBW remote control

> Light on/off fade time 0.5/3s selectable

**4 channel** — 114×38×20MM

| Model No. | L4-M |
|---|---|
| Input Voltage | 100-240VAC or 12VDC |
| Output Signal | 4×(0/1-10V)(20mA /CH) |
| Remote control | √ |

**1 channel** — 52 X 52 X 26MM

| Model No. | L1 |
|---|---|
| Input Voltage | 100-240VAC |
| Output Signal | 0/1-10V(20mA /CH) |
| Push-Dim | √ |
| Remote control | √ |

## ▶ Panel Dimmer

> Input voltage 100-240VAC

> Ultra sensitive high strength glass touch panel

> Compatible with RF 2.4G dimming remotel control

> 256 levels 0-100% dimming, without flash

**T18** (White/Black)
- Touch key / RF 2.4GHz signal input
- 1 channel 0-10V output

52 X 52 X 26MM

| Model No. | T18 |
|---|---|
| Input Voltage | AC100-240V |
| Zone | 1 Zone |

**T18-1** (White/Black)
- Touch key / RF 2.4GHz signal input
- 4 channel 0-10V output

52 X 52 X 26MM

| Model No. | T18-1 |
|---|---|
| Input Voltage | AC100-240V |
| Zone | 4 Zone |
| Scene | 3 Scene |

**T18-2** (White/Black)
- Rotary knob / RF 2.4GHz signal input
- Rotate knob to change brightness, support push and long push operation
- Compatibility with RF 2.4G single zone or multiple zone dimming remote control
- 1 channel 0-10V output

**KL**
- Rotary knob / RF 2.4GHz signal input
- 0-10V or 1-10V output selectable by DIP switch
- 1 channel 0-10V output

86×86×48MM

| Model No. | T18-2 |
|---|---|
| Input Voltage | AC100-240V |
| Zone | 1 Zone |

86×86×48MM

| Model No. | KL |
|---|---|
| Input Voltage | AC100-240V |
| Zone | 1 Zone |

## ▶ Panel Dimmer(CCT)

- Ultra sensitive high strength glass 0/1-10V CCT touch panel
- 2 channel 0/1-10V signal output
- 256 levels 0-100% dimming, without flash
- Compatibility with RF 2.4G single zone or multiple zone remote control

- 100-240VAC power supply input
- 0-10V or 1-10V output selectable by DIP switch
- Smooth and accurate color adjustment by touching the color slide
- Four scene keys, 4 scenes can be saved

* Increase color temperature, 10 levels

* Decrease color temperature, 10 levels

* Color temperature slide, left is warm white, right is cold white

* One click to turn on/off the light

* Short press recall the scene, long press 5s save current color into scene 1/2/3/4

* Brightness slide, add brightness to the right

| Model No. | Input Voltage | Zone | Scene | Size (mm) |
|---|---|---|---|---|
| T2-L (White/Black) | AC100-240V | 1 Zone | 4 Scene | 86 X 86 X 33 |

## ▶ Constant Voltage Dimmable LED Driver

Over-heat Protection | Multiple Current | Over Load Protection | Short Circuit Protection | Warranty 5 years | 0/1-10V Dimming | Logarithmic Dimming | Synchronization | Digital Dimming

> 0-10V, 1-10V, 10V PWM, Resistor, AC Push-Dim dimming interface
> 0-100% dimming smoothly without any flash
> Over-heat / Over-load / Short circuit protection, recover automatically

> 1 channel constant voltage output
> Synchronize on multiple number of LED drivers
> Full protective plastic case

168 X 44 X 30MM

179 X 56 X 30MM

| Model No. | LN-40-12 | LN-40-24 | Model No. | LN-75-12 | LN-75-24 |
|---|---|---|---|---|---|
| Input Voltage | 100-240VAC | 100-240VAC | Input Voltage | 200-240VAC | 200-240VAC |
| Output Voltage | 12VDC | 24VDC | Output Voltage | 12VDC | 24VDC |
| Output Current | 3.3A Max | 1.65A Max | Output Current | 6.25A Max | 3.25A Max |
| Output Power | 40W Max | 40W Max | Output Power | 75W Max | 75W Max |

> 1/2 channel constant voltage output, Max.150W output power
> Dimming interface:0-10V,1-10V,10V PWM ,resistor,Push switch
> 220-240VAC universal AC input
> Active PFC design with PF > 0.95
> THD<10%
> No load/Standby power≤0.5W
> Over-heat /Over-load / Short circuit protection

310 X 45 X 30MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) | Power Factor |
|---|---|---|---|---|---|---|
| LN-150-12-AS | 220-240VAC | 12VDC | Max. 12.5A | Max.150W | 91%/230VAC | >0.95 |
| LN-150-12-2AS | 220-240VAC | 12VDC | Max.12.5A | Max.150W | 91%/230VAC | >0.95 |
| LN-150-24-AS | 220-240VAC | 24VDC | Max.6.25A | Max.150W | 92.5%/230VAC | >0.95 |
| LN-150-24-2AS | 220-240VAC | 24VDC | Max. 6.25A | Max.150W | 92.5%/230VAC | >0.95 |

## ▶ Constant Current  Dimmable LED Driver

0/1-10V Dimming | Digital Dimming | Logarithmic Dimming | Synchronization | Over-heat Protection | Multiple Current | Over Load Protection | Short Circuit Protection | Warranty 5 years

> 0-10V, 1-10V, 10V PWM, Resistor Dimming interface
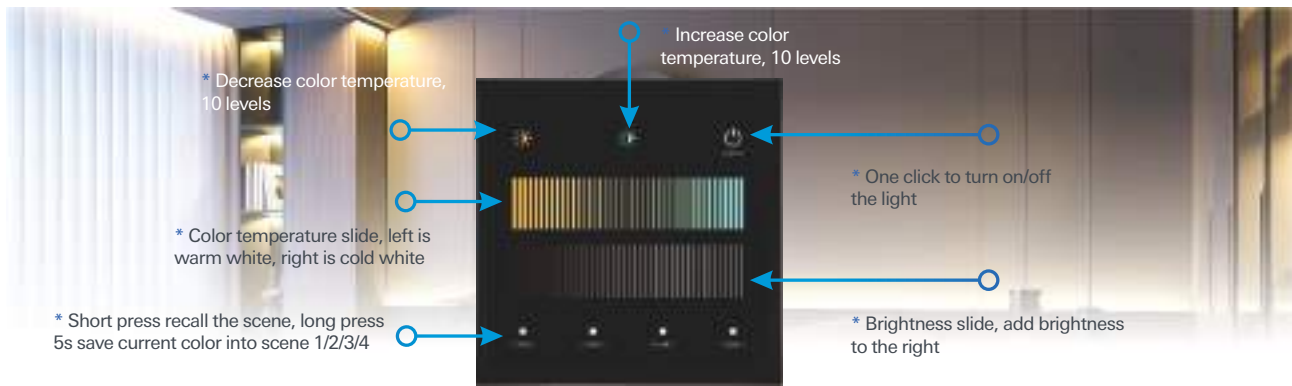> 0-100% dimming smoothly without any flash
> 1 channel constant current output, DIP switch select output current
> Synchronize on multiple number of LED drivers
> Over-heat / Over-load / Short circuit protection, recover automatically
> Full protective plastic case

**LN-12A-L**      **LN-12A-H**      **LF-15A**

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) | Size (mm) |
|---|---|---|---|---|---|---|
| LN-12A-L | 100-240VAC | 9-45VDC | 100-450mA | 12W Max | >80%/230VAC | 168 X 44 X 30 |
| LN-12A-H | 100-240VAC | 3-24VDC | 350-700mA | 12W Max | >79%/230VAC | 168 X 44 X 30 |
| LF-15A | 100-240VAC | 10-45VDC | 150-700mA | 15W Max | >80%/230VAC | 179 X 56 X 30 |

> 0-10V, 1-10V,10V PWM, Resistor Dimming interface
> Universal AC input / Full range, High PF, High efficiency
> Over-heat / Over-load / Short circuit protection, recover automatically

> 0-100% dimming smoothly without any flash
> DIP Switch select output current

- 1 channel constant current output
- Full protective plastic case

- 2 channel constant current output
- Class II design, SELV safety ultra-low voltage

**LF-12A** Dimming           **LF-12A-2** CCT           131 X 37 X 20.5MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) |
|---|---|---|---|---|---|
| LF-12A | 100-240VAC | 10-42VDC | 100-700mA | Max.12W | >80% (350mA at full load) |
| LF-12A-2 | 100-240VAC | 9-42VDC | 2x(100-450)mA | Max.12W | ≥77%(at full load) |

> Special for magnetic & linear lamp
> No input polarity
> 0-10V, 1-10V, 10V PWM, Resistor Dimming interface
> DC to DC constant current output

> 0-100% dimming smoothly without any flash
> DIP Switch select output current
> Short circuit/overload/no-load and anti-reverse protection

**CXL-21A**                    **CXL-28A**                    125 X 13.5 X 10.8MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) |
|---|---|---|---|---|---|
| CXL-21A | 48VDC±1%(No polarity) | 10-40VDC | 150-500mA | 1.5W-20W | 93% |
| CXL-28A | 48VDC±1%(No polarity) | 10-40VDC | 350-700mA | 3.5W-28W | 95% |

# DALI Series

## DALI LED Dimmer Series

SKYDANCE DALI 1/4-channel PWM constant voltage dimmer is compatible with DALI standard protocol IEC 62386-102, IEC 62386-207, DC12/24V constant voltage power supply,1/4 DALI address, 1/4 PWM constant voltage output, DALI address is automatically assigned by DALI master control, or set by digital tube button.

DALI protocol (Digital Addressable Lighting Interface) is an international standard lighting control communication protocol, with overall dimming, group dimming, addressing dimming, and multiple scenarios mode settings ect powerful dimming functions,  can monitor and control each device through two-way data exchange.  SKYDANCE DALI dimming series products comply with the IEC62386 standard, and can be connected with any device conforming to the DALI protocol on the same bus control, with strong compatibility.  Including DALI master, DALI dimmer, DALI switch, DALI triac dimmer, DALI 0/1-10V dimmer, RF & Wi-Fi & & Zigbee DALI converter, DALI bus and DALI driver etc..

DALI Bus

APP

WiFi & RF - DALI Convertor

Remote Control

DALI Master control system    DALI Control

Touch Panel DALI Master

Touch Panel DALI Master

Touch Panel DALI Master

DALI LED Dimmer (CV)          Dimming

DALI LED Dimmer (CC)          CCT

DALI Driver                   RGB

RGBW DALI  Dimmer             RGBW

■ DALI Triac Dimmer
■ DALI 0/1–10V Dimmer
■ AC DALI Switch & Dimmer

DALI Broadcast Unit

DT6  Dimming        Scene control        DT8  CCT  Dimmer        Automatic control        Strong compatibility        DT8  RGBW Dimmer

# DALI Series

## ▶ DALI Bus Power Supply & Repeater

- Standard DALI protocol bus power supply, Maximum output current of 250mA to power the entire DALI line
- Work as DALI Signal Repeater, Up to 3 repeaters can be connected, DALI bus extension up to 1200 meters
- Multiple DA-PL in parallel to increase load on the DALI line
- Dual indicator design, bus status feedback to indicator light

140 X 38 X 20.5MM

| Model No. | DA-PL |
| --- | --- |
| Input Voltage | 100-240VAC |
| Input supply frequency | 50/60Hz |
| Input current | 0.1A |
| Output current | Max. 250mA |
| Input/Output signal | DALI |

Dual indicator design

**Work as DALI Bus Power Supply and DALI Signal Repeater**

Up to 3 repeaters can be connected in parallel to increase the load on the DALI line, and the DALI bus can be extended up to 1200 meters.

APP
Remote Control
DALI Master control system
WiFi & RF-DALI Convertor
DALI Control
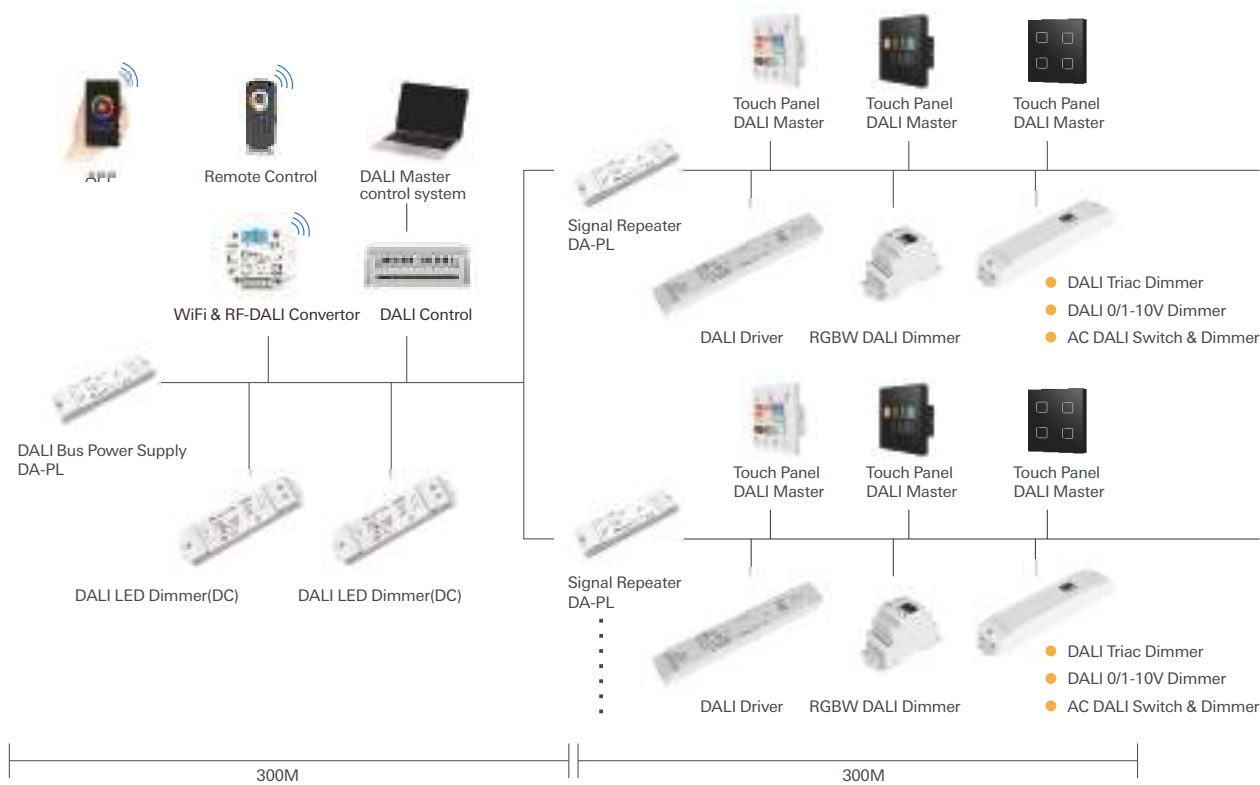DALI Bus Power Supply DA-PL
DALI LED Dimmer(DC)
DALI LED Dimmer(DC)

Touch Panel DALI Master
Touch Panel DALI Master
Touch Panel DALI Master

Signal Repeater DA-PL

DALI Driver
RGBW DALI Dimmer
- DALI Triac Dimmer
- DALI 0/1-10V Dimmer
- AC DALI Switch & Dimmer

Touch Panel DALI Master
Touch Panel DALI Master
Touch Panel DALI Master

Signal Repeater DA-PL

DALI Driver
RGBW DALI Dimmer
- DALI Triac Dimmer
- DALI 0/1-10V Dimmer
- AC DALI Switch & Dimmer

300M
300M

## ▶ DALl Broadcast Unit

- 4-in-1 DT6 and DT8 DALI broadcast unit for expanding DALI circuits
- Each broadcast unit occupies one DALI address and up to 64 broadcast units can be connected to one bus
- Receives DT6/DT8 commands from DALI main circuit as a control gear with a single address.and forwards received DALI commands to all control gears connected to DALI OUT by broadcast DALI commands
- No DALI addressing required for the control gears connected to DALI OUT
- Output with DALI power supply (Max. 200mA)

135 X 38 X 20.5MM

| Model No. | Input Voltage | Input supply frequency | Input current | Output current | Input/Output signal |
| --- | --- | --- | --- | --- | --- |
| DA-PB | 100-240VAC | 50/60Hz | 0.1A | Max. 200mA | DALI |

## ▶ Touch Panel Master

- 1 DALI address, 5 in 1 function(DIM, CCT, RGB, RGBW, RGB+CCT), 9 touch buttons
- In accordance with DALI standard protocol IEC 62386-101,102, 207, 208, 209
- Adopts TFT 1.54-inch LCD color screen display, easy and intuitive setup and operation
- Enable to select DALI address, support unicast, group and broadcast mode
- Support on/off, color temperature and brightness adjustment, delay on/off light, scene function and dynamic mode

**TD-W**

DALI Standard IEC 62386
DT6 Dimming
DT8 CCT
DT8 RGB/RGBW
Soene Control
Tuya APP Control
RF Remote Control

### System Set
You can set light type, WiFi config, RF match, DALI set, scene set, delay OFF, language and general set in this interface

System Set
WiFi Conlg
RF Match
DALI Set
Scene Name
General Set
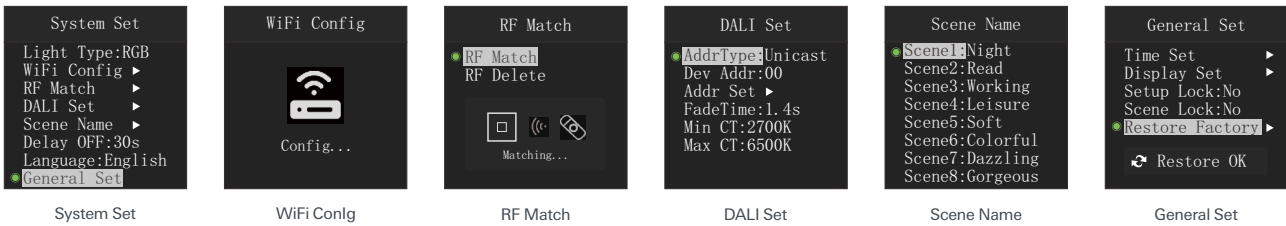
### Dimming Interface
Precise adjustment of color, color temperature and brightness via the display, and the left and right buttons

DIM
CCT
RGB
RGBW
RGB+CCT
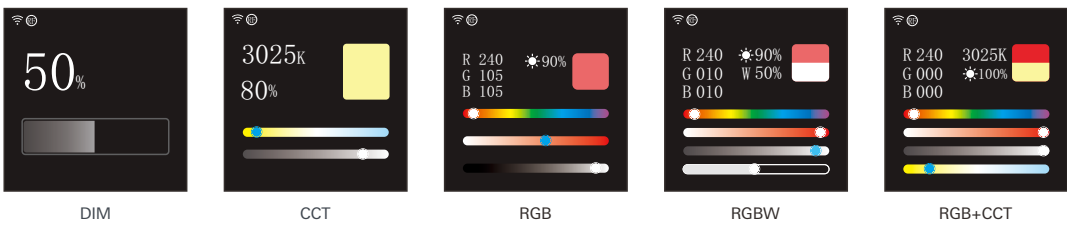
| Model No. | TD-W |
| --- | --- |
| Input Voltage | 100-240VAC |
| Static current | 10mA |
| Input signal | Touch key + RF 2.4GHz |
| Output signal | DALI |
| Size (mm) | 86 X 86 X 33 |

## ▶ Touch Panel Master

- Adopt DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209
- Support DT6 dimming, DT8-TC color temperature, DT8-RGB or DT8-RGBW
- Powered by DALI bus or 24VDC
- Enable to select DALI address by encoding switch, support unicast, group and broadcast mode
- Match with RF 2.4G four zone remote control optional
- Ultra sensitive high strength glass touch panel
- White & Black glass panel available

DALI Standard
IEC 62386

DT6
Dimming

DT8
CCT

DT8
RGB/RGBW

Soene
Control

LED
Indicator

High
Sensitive

**TD1-4S**(Dimming)
4 Zone
3 Scenes

**TD2-4S**(CCT)
4 Zone
3 Scenes

**TD3-4S**(RGB)
4 Zone
3 Scenes

**TD4-4S**(RGBW)
4 Zone
3 Scenes

**TD5-4S**(RGB+CCT)
4 Zone
3 Scenes

**TD1-S**(Dimming)
1 Zone
4 Scenes

**TD2-S**(CCT)
1 Zone
4 Scenes

**TD3-S**(RGB)
1 Zone
4 Scenes

**TD4-S**(RGBW)
1 Zone
4 Scenes

**TD5-S**(RGB+CCT)
1 Zone
4 Scenes

**TD-K**(Dimming,CCT,RGB,
RGBW,RGB+CCT)

Rotary knob

- also support slave DALI address assignment

**TL4-1D**(Dimming)
1/4 Zone

**TL4-2D**(CCT)
1/4 Zone

86×86×33MM

DALI Touch Panel

DALI Driver

DALI 2

## ▶ Touch Panel Master

- Comply to latest DALI standard protocol IEC62386
- 4-button glass touch panel to control 4 DALI Addresses
- Powered by DALI bus or 24VDC
- Enable to select 4 different addresses for controlling by encoding switch
- Support scene, group, unicast and broadcast modes
- Each button with blue LED indicator
- Automatic blue backlight with proximity sensing to human fingers/palms.
- White & Black glass panel available

5cm
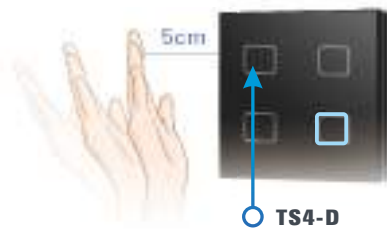
**TS4-D**

\* With blue LED indicator, the panel backlight will be turned on when human fingers or palms close to the panel at < 5 cm, and the light will be brighter when buttons are being pressed.

| Model No. | Input Voltage | Zone | Size (mm) |
|---|---|---|---|
| TS4-D (White/Black) | AC100-240V | 1 Zone | 52 X 52 X 34.5 |

## ▶ CV Dimmer

**DA1** DALI 2
500HZ/2KHZ/8KHZ/16KHZ

- DT6
- 1 channel constant voltage output, 1 DALI address
- PWM digital dimming, standard DALI logarithmic dimming curve
- DALI master control or connect with push switch for dimming, turning on/off

**DA1-S** DALI 2
2KHz/8KHz/16KHz

**DA1-D** DALI 2
2KHz (White/Black)

**DA4** DALI 2
2KHz

- DT6
- 4 channels constant voltage output, 4 DALI address
- PWM digital dimming, standard DALI logarithmic dimming curve

**DA4-L** DALI 2

- DT6/DT8
- 4 channels constant voltage output, 1-4 Dali address selectable
- With digital display, can manually set Dali address
- PWM digital dimming, standard DALI logarithmic dimming curve
- PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ

**DA4-D** (White/Black) DALI 2

- DT6/DT8
- 4 channels constant voltage output, 1-4 Dali address selectable
- With digital display, can manually set Dali address
- PWM digital dimming, standard DALI logarithmic dimming curve
- PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ
- DALI address can be set shown in digital display by buttons or by DALI master

**DA4-M** DALI 2

- DT6 / DT8
- 1 DALI address, DT6 dimming or DT8-TC color temperature or DT8-RGB or DT8-RGBW selectable
- In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209
- 4 channels constant voltage output
- PWM digital dimming, standard DALI logarithmic dimming curve
- PWM : 2KHz

**DA5-L** DALI 2

- DT6 / DT8
- 5 channel constant voltage output, 1/5 DALI address
- DT6 dimming/DT8-TC color temperature/DT8-RGB/ DT8-RGBW/DT8-RGB+CCT light type selectable
- PWM digital dimming, standard DALI logarithmic dimming curve
- PWM: 1KHZ/2KHZ/4KHZ/8KHZ
- DALI address can be set shown in digital display by buttons or by DALI master

**DP4**

- Auto-switch by signal input or manual switch by key for three modes: DALI, DMX, Manual (OLED display)
- 4DALI mode:1-4 DALI addresses, DT6/DT8 Support DALI dimming parameter setting, including fade time, fade rate, power on level, system fail level and so on. DALI address can be assigned manually or autonomously by DALI host. Comply with DALI standard protocol IEC 62386-101, 102, 207, 209, etc.
- DMX mode:
  1/2/3/4 channel decoding mode selectable. 8-bit (256 levels)/16-bit (65536 levels) grayscale selectable.
  Output dimming curve gamma 0.1-9.9 selectable. Comply with DMX512 standard protocol and support RDM function.
- Manual mode: Support manual control each channel by 4 buttons, short press on/off, long press dimming.
- PWM:250/500/1K/2K/4K/8K/16K/32KHz

# DALI Series

- DT6
- Multifunction 4 in 1 dimming constant voltage LED controller, with DALI, 0/1-10V, AC Push and Triac dimming Interface
- 1 channel constant voltage output, 1 DALI address
- Support 0-10V or 1-10V signal input
- Support Triac reverse-phase dimming or forward-phase dimming input
- Connect AC push switch for on/off and 0-100% dimming
- Set Triac or other dimming method via dip switch

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| DA1 | 12-48VDC | 12-48VDC | 12-24V:1CH*15A 36-48V:1CH*10A | 12V<180W, 24V<360W 36V<360W, 48V<480W | 175 X 45 X 27 |
| DA1-S | 12-48VDC | 12-48VDC | 1CH*8A | 12V<96W, 24V<192W 36V<288W, 48V<384W | 97 X 33 X 18 |
| DA1-D | 12-48VDC | 12-48VDC | 12-24V:1CH*15A 36-48V:1CH*10A | 12V<180W, 24V<360W 36V<360W, 48V<480W | 110 X 48 X 67 |
| DA4 | 12-48VDC | 12-48VDC | 12-24V:4CH*5A 36-48V:4CH*3A | 12V<240W, 24V<480W 36V<432W, 48V<576W | 175 X 45 X 27 |
| DA4-L | 12-48VDC | 12-48VDC | 12-24V:4CH*5A 36-48V:4CH*3A | 12V<240W, 24V<480W 36V<432W, 48V<576W | 170 X 50 X 23 |
| DA4-D | 12-48VDC | 12-48VDC | 12-24V:4CH*5A 36-48V:4CH*3A | 12V<240W, 24V<480W 36V<432W, 48V<576W | 115 X 48 X 67 |
| DA4-M | 12-48VDC | 12-48VDC | 12-24V:4CH*5A 36-48V:4CH*3A | 12V<240W, 24V<480W 36V<432W, 48V<576W | 175 X 45 X 27 |
| DA5-L | 12-48VDC | 5×(12-48)VDC | 12-24V:5CH*4A 36-48V:5CH*3A | 12V<240W,24V<480W 36V<540W,48V<720W | 187 X 46 X 22 |
| DP4 | 12-48VDC | 12-48VDC | 4×12A@12/24V 4×10A@36/48V | 12V<576W,24V<1152W 36V<1440W,48V<1920W | 115 X 88 X 65 |
| V1-X | 12-48VDC | 12-48VDC | 1CH*20A | 240-960W | 179 X 56 X 30 |

## ▶ DALI Triac Dimmer

> 1 channel AC output, 1 DALI address, AC phase-cut mosfet DALI dimmer
> Reverse-phase dimming or forward-phase dimming selectable

> To dim and switch single color dimmable LED lamps, traditional incandescent and halogen lights
> Connect with push switch for dimming, turning on/off

**DT**

- DT4
- DAL1-2 certified, in accordance with DALI standard protocol, IEC 62386-102,IEC 62386-207
- DALI address can be set shown in digital display by buttons or by DALI master

**DT-B**

- DT4
- DAL1-2 certified, in accordance with DALI standard protocol, IEC 62386
- DALI address can be automatically assigned by DALI master
- The minimum brightness is adjustable

**DT-C**

- DT4
- DAL1-2 certified, in accordance with DALI standard protocol, IEC 62386
- DALI address can be automatically assigned by DALI master
- The minimum brightness is adjustable

**DT-D**

- DT4
- DAL1-2 certified, in accordance with DALI standard protocol, IEC 62386
- DALI address can be set shown in digital display by buttons or by DALI master
- The minimum brightness is adjustable

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| DT | 100-240VAC | 100-240VAC | Max 1.5A | 150-360W | 187 X 46 X 22 |
| DT-B | 100-240VAC | 100-240VAC | Max 1.5A | 150-360W | 165 X 52 X 26 |
| DT-C | 100-240VAC | 100-240VAC | Max 1.5A | 150-360W | 56 X 49.5 X 28 |
| DT-D | 100-240VAC | 100-240VAC | Max 1.5A | 150-360W | 110×67×48 |

## ▶ DALI 0/1-10V Dimmer

- DT5
- In accordance with DALI standard protocol IEC 62386-101,IEC 62386-102, IEC 62386-206
- 2 channels 0/1-10V output, 2 DALI address
- High voltage AC input, one high voltage AC relay output
- 0-10V or 1-10V output selectable
- 0-100% linear dimming
- DALI address can be set shown in digital display by buttons or by DALI master

187 X 46 X 22MM

| Model No. | DV |
|---|---|
| Input Voltage | AC100-240V |
| Output Current | 2CH*20mA |
| Output Signal | 0/1-10V |

- DT5
- In accordance with DALI standard protocol IEC 62386-101, IEC 62386-102,IEC 62386-206
- 1 channel 0/1-10V output,1 DALI address
- AC100-240V input, 10 A dry contact mains rated relay output

131 X 37 X 20.5MM

| Model No. | DV1 |
|---|---|
| Input Voltage | AC100-240V |
| Output Current | 1CH*20mA |
| Output Signal | 0/1-10V |

- DT5
- In accordance with DALI standard protocol IEC 62386-101, IEC 62386-102,IEC 62386-206
- 1 DALI address, 1 channel 0/1-10V output
- Powered by DALI bus
- 10A dry contact relay output
- 0-10V or 1-10V output selectable

56 X 49.5 X 28MM

| Model No. | DV-B |
|---|---|
| Power input | DALI bus |
| Max relay load current | 10A resistive load; 8A incandescent;5A inductive load |
| Output Signal | 0/1-10V |

- DT4
- Small DALI dimmer for DALI drivers or ballasts
- Unidirectional and broadcasting communication
- Dimming speed adjustable by rotary knob
- Can be used as a DALI bus power supply to provide power
- Control by conventional push-button, with or without memory
- Easy to be placed in standard wall junction box behind a push switch

52 X 52 X 27MM

| Model No. | DA-P |
|---|---|
| Input Voltage | 100-240VAC |
| Output Current | Max 0.05A |
| Input Signal | Push switch |

- Standard Dali master, 1-4 push button control
- In accordance with DALI standard protocol IEC62386
- 4 addresses settable for controlling by encoding switch
- Power is provided by DALI bus
- Support scene, group, unicast and broadcast mode
- Easy to be placed in standard wall junction box behind a push switch

52 X 52 X 27MM

| Model No. | DA-4S |
|---|---|
| Input Voltage | DALI bus |
| Output Current | 4mA@16V |
| Input Signal | 4*push switch |

- DT5
- In accordance with DALI standard protocol IEC 62386-101, IEC 62386-102, IEC 62386-206 and in compliance with DALI products from other international incorporation
- 1 DALI address, 1 channel 0/1-10V output
- 10A current dry mains rated relay output.contact relay output
- 0-10V or 1-10V output selectable
- Powered by DALI bus

52 X 52 X 26MM

| Model No. | DV-L |
|---|---|
| Input Voltage | DALI bus |
| Output Current | 20mA |
| Input Signal | 0/1-10V |

## ▶ DALI AC Switch

- DT7
- DALI-2 certified, in accordance with DALI standard protocoll IEC 62386-102, IEC 62386-208
- 2 channels AC output, 2 DALI address
- The switching thresholds of the relay can be set on the DALI bus
- Zero cross switching function, 2 independently output channels AC switch
- DALI address can be set by button with digital display or by DALI master
- To switch two LED lamps, traditional incandescent and halogen lights

187 X 46 X 22MM

| Model No. | DH |
|---|---|
| Input Voltage | 100-240VAC |
| Output Current | 2CH*5A |
| Output Power | 1000-2400W |

- DT7
- DALI-2 certified, In accordance with DALI standard protocol I EC 62386-101, 102, 208
- 1 channel 10 A dry contact mains rated relay output, 1 DALI address
- Powered by AC100-240V
- High-inrush specification relays (single pole, normally open)
- Zero cross switching function

131 X 37 X 20.5MM

| Model No. | DH1 |
|---|---|
| Input Voltage | 100-240VAC |
| Output Current | 0.02A |
| Max relay load current | 5A inductive load  8A incandescent 5A inductive load |

## ▶ DALI CV Dimmer

> Comply with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209
> Support DT6 dimming, DT8-TC color temperature, DT8-RGB or DT8-RGBW
> Digital numeric display, set DALI Address via buttons
> PMW frequency 1KHz/2KHz/4KHz/8KHz/ 16KHz selectable
> 1-4 DALI address, 4 channel work separately
> Standard DALI logarithmic dimming curve

**IP67**
Double waterproof:
glue-filled waterproofing + structural waterproofing

Over-heat protection | Short circuit protection | Recover automatically | DALI Standard IEC62386 | DT6 Dimming | DT8 CCT | DT8 RGB/RGBW

Touch DALI Panel Master
**TD4-4S**

12-48VDC
Constant voltage

AC100-240V

LED Strip

153 X 57 X 34MM

| Model No. | Input Voltage | Input current | Output voltage | Output current | | Output power | |
|---|---|---|---|---|---|---|---|
| **NEW** DA4-WPS | 12-48VDC | 20.5A | 4×(12-48)VDC | 4×5A@ 12/24V 4×3A@ 36/48V | 4×60W@12V 4×108W@36V | 4×120W@24V 4×144W@48V | |

## ▶ DALI CC Dimmer

> In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209
> DALI address can be set shown in digital display by buttons or by DALI master

> PWM digital dimming, standard DALI logarithmic dimming curve
> PWM : 1KHZ / 2KHZ / 4KHZ / 8KHZ

### DA4-C
- DT6/DT8
- 1-4 DALI address quantity is selectable
- 12-48VDC 4 channels constant current output

170 X 50 X 23MM

| DA4-C (150-500mA) | Output Current | 150mA | 200mA | 250mA | 300mA | 350mA | 400mA | 450mA | 500mA |
|---|---|---|---|---|---|---|---|---|---|
| | Output Voltage | 3-45V | 3-45V | 3-45V | 3-45V | 3-45V | 3-45V | 3-45V | 3-45V |
| | Output Power/CH | 0.45-6.75W | 0.6-9W | 0.75-11.25W | 0.9-13.5W | 1.05-15.75W | 1.2-18W | 1.35-20.25W | 1.5-22.5W |
| DA4-C (350-1200mA) | Output Current | 350mA | 500mA | 600mA | 700mA | 800mA | 900mA | 1050mA | 1200mA |
| | Output Voltage | 3-45V | 3-45V | 3-45V | 3-45V | 3-45V | 3-45V | 3-45V | 3-45V |
| | Output Power/CH | 1.05-15.75W | 1.5-22.5W | 1.8-27W | 2.1-31.5W | 2.4-36W | 2.7-40.5W | 3.15-47.25W | 3.6-54W |

## ▶ RF DALI Dimmer

- Can be used as a DALI bus power supply
- In accordance with DALI standard protocol , IEC62386-101,102, 207, 208, 209 and in compliance with DALI productsfrom other international incorporation
- For RGB/RGBW/RGB+CCT light type, built in 10 dynamic modeinclude jump or gradual change style

- 1 DALI address, support DT6 dimming, DT8-TC color temperature, DT8-RGB, DT8-RGBW or DT7 switch
- Enable to select DALI address by encoding switch,support unicast,group and broadcast mode
- Connect with external push switch for on/off and 0-100% dimming
- Match with RF 2.4G single zone or multiple zone remote control

**DA-ML**  RF version
- RF signal input, DALI signal output

**DA-ML(WT)**  Wi-Fi version
- WiFi & RF signal input, DALI signal output
- Tuya APP control

**DA-ML(WZ)**  Zigbee version
- ZigBee & RF signal input, DALI signal output
- Tuya APP control,Philips HUE APP control

140 X 38 X 20.5MM

| Model No. | Input Voltage | Output Voltage | Output Current | Input Signal | Output Signal |
|---|---|---|---|---|---|
| DA-ML | 100-240VAC | 16VDC | Max150mA | Push switch+ RF2.4GHz | DALI |
| DA-ML(WT) | 100-240VAC | 16VDC | Max150mA | WiFi + Push switch + RF2.4GHz | DALI |
| DA-ML(WZ) | 100-240VAC | 16VDC | Max150mA | ZigBee + Push switch + RF2.4GHz | DALI |

## ▶ DALI Converter

> In accordance with DALI standard protocol IEC 62386-101,102, 207, 208, 209
> 1 DALI address, 6 in 1 function, support DT6 dimming, DT8-TC color temperature, DT8-RGB, DT8-RGBW or DT7 switch
> Match with RF 2.4G single zone or multiple zone remote control
> DALI bus or 24VDC power supply
> Enable to select DALI address by encoding switch, support unicast, group and broadcast mode

**RF to DALI Converter**

**Wi-Fi & RF to DALI Converter**

**Zigbee & RF to DALI Converter**

52 X 52 X 27MM

- built-in 10 dynamic modes, including jump or gradient

- Tuya APP control
- With delay turn on/off light, timer run, scene edit and music play ect. function

- Tuya APP control, Philips HUE APP control
- With delay turn on/off light, timer run, scene edit and music play ect. function

| Model No. | DA-M | DA-M(WT) | DA-M(WZ) |
|---|---|---|---|
| Power input | DALI bus/24VDC | DALI bus/24VDC | DALI bus/24VDC |
| Static current | 15mA@16VDC, 2mA@24VDC | 27mA@16VDC, 2mA@24VDC | 15mA@16VDC, 2mA@24VDC |
| Input signal | RF 2.4GHz | Tuya Wi-Fi + RF 2.4GHz | Tuya Zigbee + RF 2.4GHz |
| Output signal | DALI | DALI | DALI |

# DALI Series

## DALI to DMX512 / DMX512 to DALI Converter

- DALI/DMX512 signal converter
- In accordance with DALI standard protocol IEC62386
- Comply with the DMX512 standard protocol
- 3-button operation with digital display
- Set the work mode, channel number, DALI first address, and DMX512 first address by buttons

| Model No. | Input voltage | Input current | Input signal | Output signal | Size (mm) |
|---|---|---|---|---|---|
| DMC | 12-48VDC | <40mA | DALI or DMX512 | DMX512 or DALI | 110×48×67 |

## ▶ DALI Relay Switch

> DT7
> Zero cross switching function
> 120A High-inrush specification relays (single pole, normally open)

> Comply with the DMX512 standard protocols, support RDM function
> 4/2/1(8/4/2) DALI address selectable
> DIN rail mounting

- 4 DALI address, 4 channel 16A dry contact mains rated relay output
- In accordance with DALI standard protocol IEC 62386-101,102, 208
- Two operating modes(DALI mode and DMX mode)

- DALI-2 certified, in accordance with DALI standard protocol IEC 62386-101,102, 208
- Three Operating Modes(DALI mode, Manual mode, DMX mode)

| Model No. | DH4 | DH8 |
|---|---|---|
| Input Voltage | 100-240VAC | 100-240VAC |
| Output Current | 0.1A | 0.1A |
| Max relay load current | 16A resistive load (incandescent lamp) 8A Capacitive load (LED dimming driver) 8A inductive load (Guorescent lamp) | 16A resistive load, 8A Capacitive load, 8A inductive load |
| Size (mm) | 115×88×65 | 160×88×60 |

- DT7
- DALI-2 certified, in accordance with DALI standard protocol IEC 62386 and in compliance with DALI products from other international incorporation.
- 1 DALI address, 1 channel 8A dry contact mains rated relay output.
- High-inrush specification relays (single pole, normally open).
- Connect with external push switch to achieve on/off function.
- Zero cross switching function.

| Model No. | Input voltage | Input current | Max relay load current | Size (mm) |
|---|---|---|---|---|
| DH-B | 100-240VAC | 0.02A | 8A resistive load (incandescent lamp) 6A Capacitive load (LED dimming driver) 4A inductive load (Buorescent lamp) | 52X52X26 |

## ▶ DALI Constant Voltage LED Driver

DALI2 · Push-Dim · Digital Dimming · Logarithmic Dimming · Synchronization · Over-heat Protection · Over Load Protection · Short Circuit Protection · Warranty 5 years

- Max.150W output power
- Dimming interface: DALI2,AC Push-Dim
- 220-240VAC universal AC input
- Built-in active PFC function: PF>0.95

- THD<10%
- No load/Standby power<0.5W
- Over-heat/Over-load/Short circuit protection
- Class II, suitable for Class II fixtures

Compliant with DALI standard protocol: IEC 62386-101/207

**LN-150-12-DA** Dimming

Compliant with DALI standard protocol: IEC 62386-101/207

**LN-150-12-2DA** CCT

310 X 45 X 30MM

Compliant with DALI standard protocol: IEC 62386-101/209

**LN-150-24-DA** Dimming

Compliant with DALI standard protocol: IEC 62386-101/209

**LN-150-24-2DA** CCT

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) | Power Factor |
|---|---|---|---|---|---|---|
| LN-150-12-DA | 220-240VAC | 12VDC | Max. 12.5A | Max.150W | 93%/230VAC | >0.95 |
| LN-150-12-2DA | 220-240VAC | 12VDC | Max. 12.5A | Max.150W | 93%/230VAC | >0.95 |
| LN-150-24-DA | 220-240VAC | 24VDC | Max. 6.25A | Max.150W | 94%/230VAC | >0.95 |
| LN-150-24-2DA | 220-240VAC | 24VDC | Max. 6.25A | Max.150W | 94%/230VAC | >0.95 |

## ▶ DALI Constant Current LED Driver

DALI · PFC · Digital Dimming · Logarithmic Dimming · Synchronization · Over-heat Protection · Multiple Current · Over Load Protection · Short Circuit Protection · Warranty 5 years

- Universal AC input / Full range, High PF, High efficiency, No flicker
- Class II design, SELV safety ultra-low
- Over-heat / Over-load / Short circuit protection, recover automatically

- 1 DALI address, DALI address will be automatically assigned by DALI master
- DIP Switch for current selection

**DA-12A** Dimming With Push function

**DA-12A-2** CCT

**DA-20A-2** CCT

In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207

In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207

In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209

131 X 37 X 20.5MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) | Power Factor |
|---|---|---|---|---|---|---|
| DA-12A | 100-240VAC | 10-42VDC | 100-700mA | Max.12W | >80% | >0.95 |
| DA-12A-2 | 100-240VAC | 10-42VDC | 100-450mA | Max.12W | >83% | >0.95 |
| DA-20A-2 | 100-240VAC | 10-42VDC | 100-800mA | Max.20W | >83% | >0.95 |

## ▶ DALI Constant Current LED Driver

> 1 DALI address, DALI address will be automatically assigned by DALI master
> No input polarity
> Short circuit, overload, no-load and anti-reverse protection

> DC to DC constant current output, multiple output current settings
> 0-100% smooth dimming without any flash
> Suitable for STUCCHI standard housings, magnetic installation

Dimming
- In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207

CCT
- In accordance with DALI standard protocol IEC 62386-102, IEC 62386-207, IEC 62386-209

92 X 13.5 X 12.2MM

| Model NO. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency (TYP) |
|---|---|---|---|---|---|
| CXD-21A | 48VDC±1%(No polarity) | 10-40VDC | 150-500mA | 1.5W-20W | 93% |
| CXD-28A | 48Vdc±1% ( No polarity) | 10-40VDC | 350-700mA | 3.5W- 28W | 95% |
| CXD-21A-2 | 48Vdc±1% ( No polarity) | 10-40VDC | 150-500mA | 1.5W- 20W | 93% |

# Sensor Series

## Sensor Series

SKYDANCE sensor series include PIR Motion Sensor, microwave sensor, touch sensor, hand sweep sensor, and door sensor system. They are widely used in cabinets, ceilings, stairs, and doors. Light threshold, time delay, and standby time etc. function can be set. Products include sensor dimmers, sensor switches, stair light controllers, RF & 0/1-10V sensor dimmers, cabinet LED driver and a variety of sensor probes etc..Providing a complete sensor lighting control solution.

| PIR Motion Sensor | Microwave Induction | Light Threshold | Dimming | On/Off | Warranty 5 years |
|---|---|---|---|---|---|
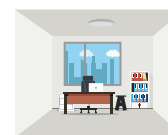
1. With sufficient ambient light, the sensor does not turn on the light.

2. With insufficient ambient light, the sensor turns on the light when motion is detected.
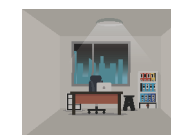
3. After hold time, the light turns off if no motion detected.
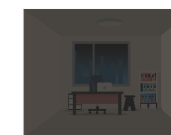
4. After elapse of stand-by time, the sensor turns off the light if no motion detected.

Wall mounting pattern(Unit:m)
Suggested installation height: 1-1.8m
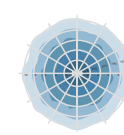
Wall mounting pattern(Unit:m)
Suggested installation height: 2.5-15m

**DC input**

PIR Motion Sensor Switch          LED

**AC input**

Sensor control (Optional)

Cabinet LED drivers     Control boxes (Optional)     LED     Remote Control

# Sensor Series

## ▶ Mini Sensor Switch & Dimmer

> Apply to table, cabinet, wardrobe led lights control,etc.

> Touch/Hand sweep/door/PIR sensor various trigger ways

> Effiency and high sensitivity

> Easy installation

**E1-C**
(Touch sensor dimmer)

**E1-B**
(Hand sweep sensor switch)

**E1-G**
(Hand sweep sensor switch)

**E2-B**
(CCT Hand swipe dimmer)

**E1-D**
(Door sensor switch)

**E1-R**
(PIR motion sensor switch)

| Model No. | E1-C | E1-B | E1-G | E2-B | E1-D | E1-R |
|---|---|---|---|---|---|---|
| Product Name | Touch sensor dimmer | Hand sweep sensor switch | Hand sweep sensor switch | CCT Hand Sweep dimmer | Door sensor switch | PIR motion sensor switch |
| Input Voltage | 12-24VDC | 12-24VDC | 5-24VDC | 12-24VDC | 12-24VDC | 12-24VDC |
| Output Voltage | 12-24VDC | 12-24VDC | 5-24VDC | 12-24VDC | 12-24VDC | 12-24VDC |
| Output Current | Max 3A | Max 4A | Max 4A | Max 3A | Max 4A | Max 3A |
| Output Power | 12V<36W, 24V<72W | 12V<48W, 24V<96W | 5V<20W, 12V<48W, 24V<96W | 12V<36W, 24V<72W | 12V<48W, 24V<96W | 12V<36W, 24V<72W |
| Size (mm) | 50 X 7.8 X 10 | 50 X 11 X 9 | 55 X 8 X 4.5 | 50 X 10 X 5.3 | 50 X 11 X 7.5 | 50 X 11 X 12 |

> Daylight detection function

> 2 light off modes, 4 level timer, 5 level brightness

> Support linkage induction light switch function

> Two light off modes are available

> E1-RS can match with RF 2.4G remote control

> Suitable for staircase, bedroom, living room, closet, aisle, and other light sensor switch control

**E1-RS(With RF)**
PIR Motion Sensor Switch

**E1-RC(Without RF)**
PIR Motion Sensor Switch

66 X 59 X 27.4MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| E1-RS | 12-48VDC | 12-48VDC | 6A(12-24V);4A(36-48V) | 12V<72W,24V<144W, 36V<144W,48V<192W |
| E1-RC | 12-48VDC | 12-48VDC | 6A(12-24V);4A(36-48V) | 12V<72W,24V<144W, 36V<144W,48V<192W |

> Constant voltage output, connect with low voltage LED strip

> Dupont male jack in, dupont female jack out

> Bilateral snap design for easy installation

**ER-AV**
PIR Motion Sensor Switch
20 X 20 X 22.5MM (wire: 50cm)

- Detection distance: 3-4m
- Detection angle:120°

**EC-AV**
Touch Sensor Switch
20 X 20 X 18.5MM (wire: 50cm)

- 125Hz, 500Hz, 2KHz(default), 8KHz selectable
- 0-100% brightness adjustment

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| ER-AV | 5-24VDC | 5-24VDC | Max 3A | 5V<15W,12V<36W,24V<72W |
| EC-AV | 5-24VDC | 5-24VDC | Max 2.5A | 5V<12.5W,12V<30W,24V<60W |

> 1/2/3 touch button constant voltage CCT/ RGB LED controller

> 3M paste in the bottom of the PCBA make easy installation and security

> The media on the touch spring can be PC cover, acrylic board or mirror glass

> Reverse protection

> Widely used in table lamps, bedroom lamps, wardrobe lights, etc

**E2-C1**　　**E2-C2**　　**E2-C3**　 77X 7.8 X 10MM

**E3-C1**　　**E3-C2**　　**E3-C3**　 77X 7.8 X 10MM

- For CCT
- Turn on/off the light, adjust brightness or color temperature via buttons

- For RGB
- Turn on/off the light, adjust brightness or color temperature via buttons
- 2 second on/off light fade

| Model No. | E2-C1 / E2-C2 / E2-C3 |
|---|---|
| Input Voltage | 5-24VDC |
| Output Voltage | 5-24VDC |
| Output Current | 2A/CH |
| Output Power | 5V<10W,12V<24W,24V<48W |

| Model No. | E3-C1 / E3-C2 / E3-C3 |
|---|---|
| Input Voltage | 5-24VDC |
| Output Voltage | 5-24VDC |
| Output Current | 1.5A/CH |
| Output Power | 5V<7.5W,12V<18W,24V<36W |

## ▶ 32CH PIR Motion Sensor Stair Light Controller

- 32 Channel
- 4 lighting modes settable
- 1-8 level light speed and brightness adjustable
- Work with cv single color and RGB SPI Pixel led strips

- PIR motion sensor or push switch signal input
- Come with 2 PIR sensor,1 daylight sensor and 2 extension lines
- 2 stair light controllers can cascade

Daylight sensor (30cm) 1 pcs　　PIR sensor 2 pcs　　PIR sensor extension line(5m) 2pcs

186 X 86 X 25.5MM
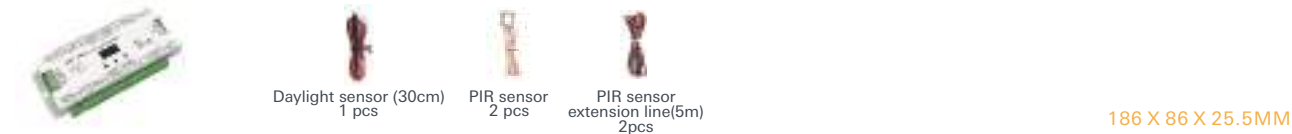
| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| ES32 | 5-24VDC | 32 x (5-24)VDC | 32CH*1A | 5V<160W 12V<384W; 24V<768W |

- 32 Channel
- 6 run modes are available: flow, chase, trail, float, five-step and one-step
- 1-8 level light speed and brightness adjustable

- Only for cv single color LED strip
- PIR motion sensor or push switch signal input
- With fast self-testing function

Daylight sensor (30cm) 1 pcs　　PIR sensor 2 pcs　　PIR sensor extension line(5m) 2pcs　　Slotted screwdriver 1 pcs

186 X 86 X 25.5MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| ES32-V | 5-24VDC | 32 x (5-24)VDC | 32CH*1A | 5V<160W 12V<384W; 24V<768W |

## ▶ 24CH PIR Motion Sensor Stair Light Controller

- 24 Channel
- Work with single color and RGB SPI Pixel led strips
- White light step must be used with ES-F step sub-controller,defaults 24 steps, can be set up to 72 steps

- 2 lighting modes settable
- 1-8 level light speed and brightness adjustable
- 2 groups different SPI(TTL) signal output

Daylight sensor (30cm) 1 pcs　　PIR sensor 2 pcs　　PIR sensor extension line(5m) 2pcs　　ES-F connection line (11m) (24 interfaces) 1pcs　　ES-F 24 pcs

**186 X 68 X 25.5MM**

**65 X 40 X 8MM**

| Model No. | ES24 |
|---|---|
| Input Voltage | 5-24VDC |
| Output Voltage | / |
| Output Current | 24CH*1A |
| Output Power | 5V<100W 12V<240W; 24V<480W |

| Model No. | ES-F (step sub-controller) |
|---|---|
| Input Voltage | 5-24VDC |
| Output Voltage | 5-24VDC |
| Output Current | Max1A |
| Output Power | / |

## Application

Down direction PIR sensor

Each step has one **ES-F**
(step sub-controller)

Integrated embedded wire

Up direction PIR sensor
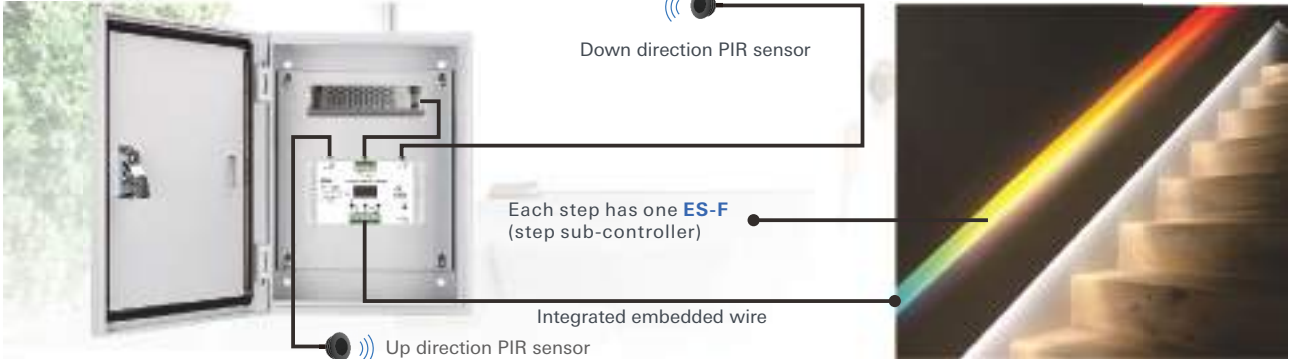
## ▶ Dual PIR Sensor + Dual Push Button SPI Controller

- 4 lighting modes selectable
- 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
- One push switch connect with multiple controllers for sequential switching control
- Multiple light colors and change types are selectable
- 1-8 level light speed and 1-10 level brightness adjustable
- Easy operation with 3 buttons
- Work with RF 2.4G remote control

Daylight sensor (30cm) 1 pcs

PIR sensor 2 pcs

PIR sensor extension line(5m) 2pcs

**ES-D(WT)**

**ES-D**

* Tuya APP cloud control, Voice control
* 4 APP painted segment color mixing selectable
* APP custom rich dynamic effects selectable
* 3 APP music rhythms

| Model No. | Input Voltage | Output Signal | Pixel Number | Input Signal | Size (mm) |
|---|---|---|---|---|---|
| ES-D | 5-24VDC | 2 X SPI(TTL) | Max 960 | PIR sensor + Push button + RF 2.4GHz | 170 X 50 X 23 |
| ES-D(WT) | 5-24VDC | 2 X SPI(TTL) | Max 960 | PIR sensor + Push button + Tuya APP + RF 2.4GHz | 170 X 50 X 23 |

## ▶ Dual Sensing 2CH LED Controller

- Use for single color or color temperature low voltage LED strip or other low voltage powered devices
- Compatible with a variety of sensing probes
- Connected to external self-reset switch
- DIP switch to set light type, daylight detection switch, delay light off time
- Can be applied to staircase light control, bedroom, living room, cabinet, wardrobe and other light control
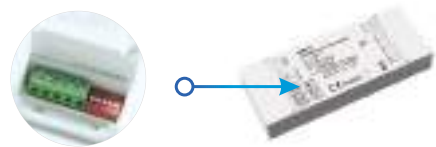
* DIP switch to set light type, daylight detection switch, delay light off time

**115 X 46 X 16MM**

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| ES-V | 12-48VDC | 2*(12-48)VDC | 2CH*6A@12/24V; 2CH*4A@36/48V | 12V<144W; 24V<288W; 36V<288W; 48V<384W |

## ▶ PIR Motion Sensor Dimming Controller

- With daylight detection function
- 3 button operation, 6 indicator lights
- With 3 work modes, 5 level dimmer, 6 level timer function
- RF 2.4G single-zone or multi-zone dimming remote control optional
- 3M tape installation, easy and convenient
- Suitable for kitchen, cabinets, stairs, bedrooms, closets, living rooms, aisles and so on

Light ON (100% Brightness)

Light OFF

Auto-sensing mode (30s Delay time)

2-7m sensing range

120°sensing angle
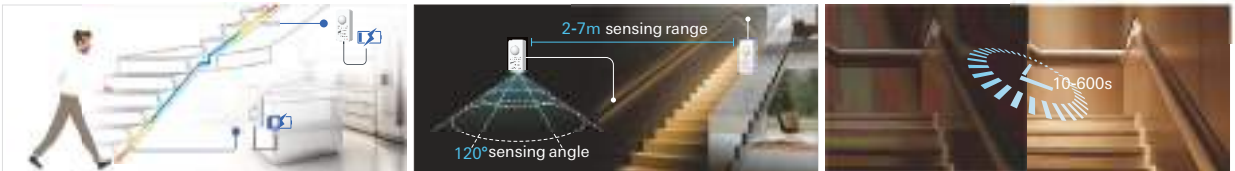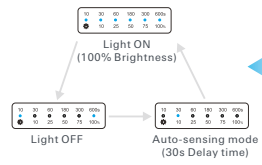
10-600s

Two sensor dimming controller must not be connected together to control the same LED strip

Within sensing range light on

Sensor delay off time 10-600s optional

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| EV-R | 5-24VDC | 5-24VDC | 1CH*3A | 5V<15W,12V<36W,24V<72W | 80 X 40 X 29 |

**E3-R**

- RF RGB/CCT/DIM 3-in-1 PIR motion sensor LED controller with daylight detection
- Built in 15 static and 5 dynamic modes, including jump or gradual change style
- Two light off methods are available,the light goes out or stays low when the person leaves

**E3-R(WT)**

- WiFi & RF RGB/CCT/DIM 3-in-1 PIR motion sensor LED controller with daylight detection
- Built in 15 static and 5 dynamic modes, including jump or gradual change style
- Two light off methods are available,the light goes out or stays low when the person leaves
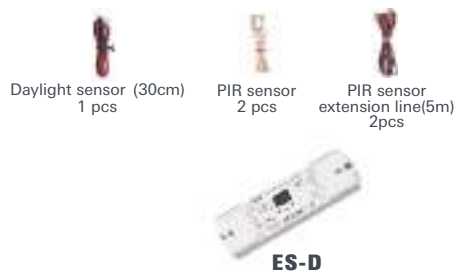- Tuya APP cloud control, voice control,support on/off, RGB color, color temperature and brightness adjustment, timer run, scene edit and music play function

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| E3-R | 5-24VDC | 5-24VDC | 3CH*1.5A | 5V<22.5W,12V<54W,24v<108W | 80 X 40 X 29 |
| E3-R(WT) | 5-24VDC | 5-24VDC | 3CH*1.5A | 5V<22.5W,12V<54W,24v<108W | 80 X 40 X 29 |

## ▶ PIR/Microwave Motion Sensor Switch( (RF/0-10V)

- Ceiling mounting installation
- High voltage AC input, High voltage AC relay output with zero-cross detection
- RF Signal, 0-10V or 1-10V output selectable
- Time delay and light threshold can be set via knob potentiometer

**EH-R** (PIR)
Φ95 X 40

H = Max.5m
Max.10m
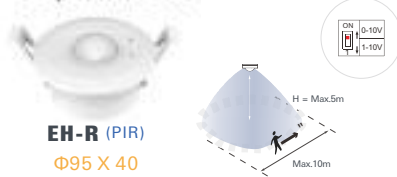
**EH-M** (Microwave)
Φ95 X 40

H = Max.10m
Max.15m

| Model NO. | EH-R (PIR motion sensor switch) | EH-M (Microwave motion sensor switch) |
|---|---|---|
| Working voltage | 100-240VAC | 100-240VAC |
| Output signal | 0/1-10V(Max.30mA), RF 2.4GHz | 0/1-10V(Max.30mA), RF 2.4GHz |
| Output current | Max 4A (AC) | Max 4A (AC) |
| HF system | / | 10.525GHz |
| Power consumption | <1.3W(Operation) | <1.6W(Operation) |
| Detection zone | Max.(DxH) 10 x 5m | Max.(DxH) 20 x 10m |
| Detection sensitivity | / | 10%/25%/50%/75%/100% |
| Hold time | 10s/30s/90s/3min/10min/30min/+∞ | 10s/30s/90s/3min/10min/30min/+∞ |
| Stand-by time | 0s/30s/90s/3min/10min/30min/+∞ | 0s/30s/90s/3min/10min/30min/+∞ |
| Daylight threshold | 10lux/30lux/50lux/100lux/150lux/200lux/Disable | 10lux/30lux/50lux/100lux/150lux/200lux/Disable |
| Expected light | 50lux/100lux/150lux/200lux/250lux/300lux/400lux | 50lux/100lux/150lux/200lux/250lux/300lux/400lux |
| Mounting height | 5m Max. | 10m Max. |
| Motion detection | / | 0.5-3m/s |
| Detection angle | 360°(ceilling installation) | 360°(ceilling installation) |
| Operation temperature | Ta:-20°C~+50°C | Ta:-20°C~+50°C |

- Set the sensor sensitivity, hold time, stand-by time and light sensing threshold via APP

- Tuya smart APP cloud control, smart linkage to other Tuya devices

**EH-R(WT)**
(PIR)

H = Max.5m
Max.10m
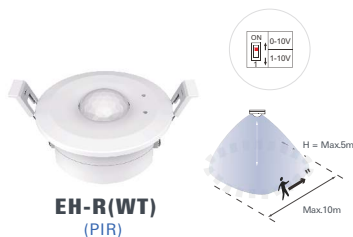
| Model NO. | EH-R(WT) (PIR motion sensor switch) | Stand-by time | 0s/30s/90s/3min/10min/30min/+∞ |
|---|---|---|---|
| Working voltage | 100-240VAC | Daylight threshold | 10lux/30lux/50lux/100lux/150lux/200lux/Disable |
| Output signal | 0/1-10V(Max.30mA), RF 2.4GHz | Expected light | / |
| Output current | Max 4A (AC) | Mounting height | 5m Max |
| HF system | / | Motion detection | / |
| Power consumption | <1.8W(Operation) | Detection angle | 120°(ceilling installation |
| Detection zone | Max.(DxH) 10 x 5m | Operation temperature | Ta: -20°C ~ +50°C |
| Detection sensitivity | / | Size (mm) | Φ95 X 51 |
| Hold time | 10s/30s/90s/3min/10min/30min/+∞ | | |

## ▶ Sensor DC LED Dimmer

- Connect with multiple Induction Head(PIR motion sensor, Touch sensor, Door sensor, Hand sweep sensor, Microwave motion detector,etc.)
- Plug-in installation
- Max 8A output current, max output power 384W@48V

EB(C)
(PIR Motion Sensor)
or other sensor

AC100-240V

Power Supply
12-48VDC
Constant Voltage

Single color LED strip

* LED output +
* LED output -
* Power input +
* Sensor input
* Installation rack
* Installation rack
* Power input -

| Model No. | Input Voltage | Output Voltage | Output Current | Input Signal | Size (mm) |
|---|---|---|---|---|---|
| E1-L | 12-48VDC | 12-48VDC | 1CH*8A | 12V<96W, 24V<192W 36V<288W, 48V<384W | 97 X 33 X 18 |

## ▶ Microwave Sensor RF Switch

- Active microwave motion detectors
- Built-in motion sensor and daylight sensor
- Output RF 2.4G signal
- Matched with RF LED controller or RF dimmable LED driver
- Detection area, time delay and daylight threshold can be set
- Wide detection area, range up to 20m in diameter
- Mounting height max.15m

SENS  TIME  LUX

* Knob potentiometer

### Microwave Sensor Detection Pattern

Wall mounting pattern(Unit:m)
Suggested installation height: 1-1.8m

Ceilling mounting pattern(Unit:m)
Suggested installation height: 2.5-15m

### Sensor Distance

H = Max. 15m
Max. 10m

73.5 mm
47.0 mm
42.5 mm
22.0 mm

73.5 X 42.5X 22MM
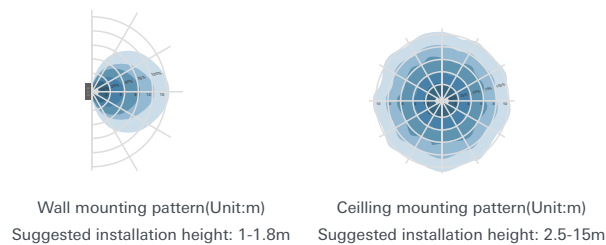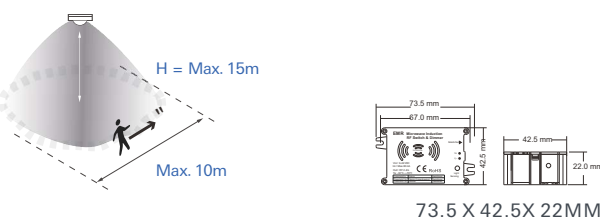
| Model NO. | EMR | Mounting height | 15m Max. |
|---|---|---|---|
| Working voltage | 9-24VAC | Hold time | 10s/30s/90s/3min/10min/20min/30min |
| Output signal | RF 2.4GHz | Stand-by time | 10s/30s/90s/3min/10min/20min/30min |
| HF system | 10.525GHz | Daylight threshold | 10lux/30lux/50lux/100lux/150lux/200lux/Disable |
| Power consumption | <0.5W(Stanby), <1W(Operation) | Daylight expected | 50lux/100lux/150lux/200lux/250lux/300lux/400lux |
| Detection zone | Max.(DxH) 20 x 15m | Motion detection | 0.5-3m/s |
| Detection sensitivity | 10%/25%/50%/75%/100% | Detection angle | 150°(wall installation), 360°(ceilling installation) |

## ▶ Cabinet LED Driver

- 90-264VAC Input
- Constant voltage output, connect with LED strip or Skydance synchronous LED Control box
- Built-in active PFC function: 0.95 Typ
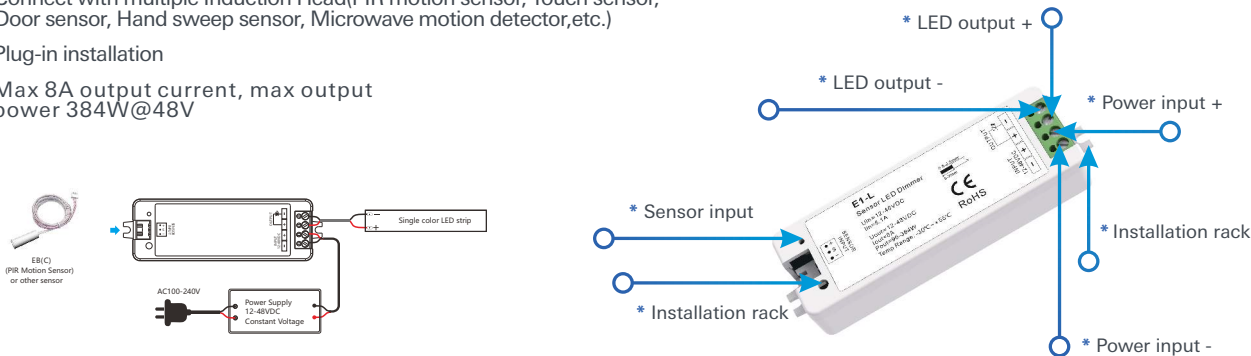
- Ultra-thin design, light weight and high efficiency
- Over-load / Short circuit protection
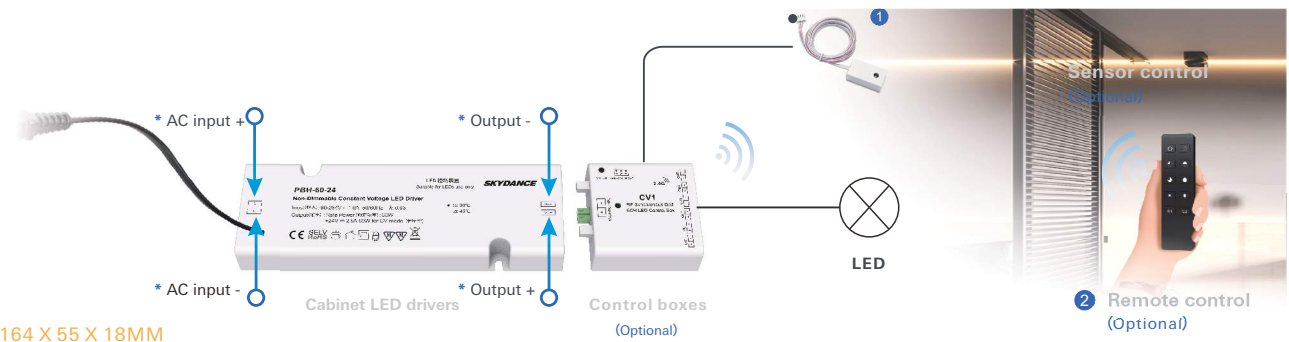
Sensor control
(optional)

* AC input +
* AC input -
* Output -
* Output +

PBH-60-24
Non-dimmable Constant Voltage LED Driver

Cabinet LED drivers

Control boxes
(Optional)

CV1
RF 2.4 Constant Drift
Dim LED Control Box

LED

Remote control
(Optional)

164 X 55 X 18MM

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Efficiency(TYP) | Power Factor |
|---|---|---|---|---|---|---|
| PBH-60-24(E) | 24VDC | 24VDC | Max. 2.5A | Max. 60W | 85% | >0.98 |

## ▶ Synchronous LED Control Box

- Match with a variety of induction sensor head optional
- Light on/off fade time 0.5/3s selectable
- Ultra-thin design, light weight and high efficiency
- Suitable for indoor LED lighting application

**CV0**
On/Off(without RF)

**CV1**
For dimming

**CV2**
For two-wires CCT

| Model No. | Input Voltage | Output Channel | Output Current | Input signal | Light Type | Size (mm) |
|---|---|---|---|---|---|---|
| CV0 | 12-24VDC | 6CH | 12V<60W; 24V<60W | Sensor | On/ Off | 54 X 55 X 18 |
| CV1 | 12-24VDC | 6CH | 12V<60W; 24V<60W | RF; Sensor | Dimming | 54 X 55 X 18 |
| CV2 | 12-24VDC | 6CH | 12V<60W; 24V<60W | RF; Sensor | CCT | 54 X 55 X 18 |

- Dimming interface: Wi-Fi, RF Wireless and Sensor
- Tuya APP cloud control, Voice control
- 2.4G RF remote control
- Match with a variety of induction sensor head optional
- Light on/off fade time 3s selectable
- Ultra-thin design, light weight and high efficiency

amazon echo    Works with the Google Assistant    alexa

**CV1(WT)**
54 X 55 X 18MM

| Model No. | Input Voltage | Output Channel | Output Power | Bimming interface | Light Type |
|---|---|---|---|---|---|
| CV1(WT) | 12-24VDC | 6CH | 12V<60W; 24V<60W | RF Wireless, Sensor, WiFi | Dimming |

# Sensor Series

## ▶ Sensor Probes

**Hand Sweep Sensor**
Detective distance:≤8cm
Sensitive angle:15-30
**EB(C)**

**Door Sensor**
Detective distance:≤10cm
Sensitive angle:15-30
**ED(C)**

**Wod Touch Sensor**
Detective distance:<5cm
Sensitive angle:15-25
**EW**

**Door Sensor**
Sensitive distance: 1-6cm
Sensitive angle:15-25
**ED-C**

**Hand Sweep Sensor**
Sensitive distance: 1-6cm
Sensitive angle:15-25
**EB-C**

**Laser Sensor Head**
Detective distance:0.05-2.5m
Sensitive angle:±10°
**EL-C**

Make pendulum action at the front end of the sensor detector:
when hand sweep, the light turn on gradually;
when hand sweep again, the light turn off gradually.

5CM    >5CM

**Hand Sweep Sensor**

Installed on the side where the door opens first.

when the door open, or no obstacle ahead, the light turn on gradually;
when the door close, or obstacle ahead, the light turn off gradually.

**Door Sensor**

Paste the sensor under the wood board or glass pane.

EW

Short touch to turn on or turn off light;
long touch to dimming up or down.

**Wod Touch Sensor**

Sensor head: EW, ED(C), EB(C)

PBL-60-12    CV1

AC Power 50/60Hz    (Optional Accessory)    RF remote

### Connect with a variety of induction Head

Door Sensor    Hand Sweep Sensor    Wood Touch Sensor

ED(C)    12.5 X Φ13MM    EB(C)    12.5 X Φ13MM    EW    33.5 X 19X 10MM
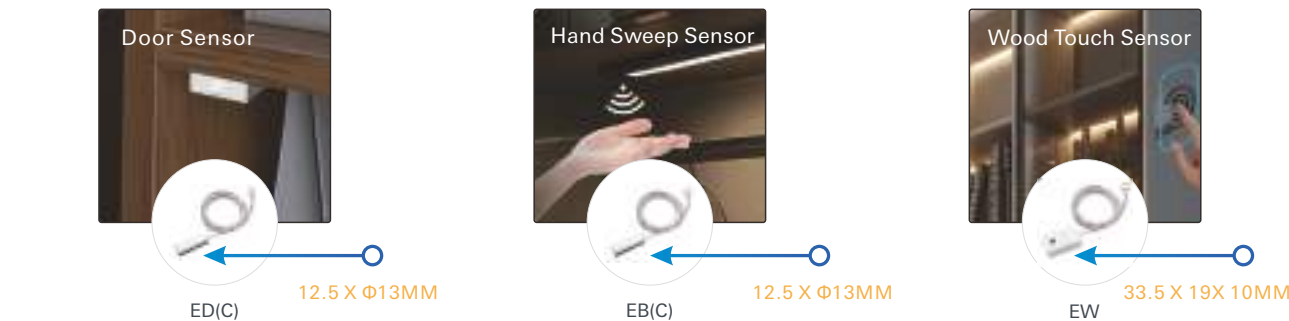
| Model No. | Sensor data | Size (mm) |
|---|---|---|
| EB (C) | Detective distance: 8cm, Detective angle: 15-30 | 32.3 X 13   wire: 1 meter |
| ED (C) | Detective distance: 10cm, Detective angle: 15-30 | 32.3 X 13   wire: 1 meter |
| EW | Dimming range: 0-100% 2KHz PWM Frequency, Detective distance: ≤5cm | 33.5 X 19 X 10   wire: 1 meter |
| ED-C | Sensitive distance: 1-6cm,Sensitive angle:15-25 | 26 X 20 X 18   wire: 1 meter |
| EB-C | Sensitive distance: 1-6cm,Sensitive angle:15-25 | 26 X 20 X 18   wire: 1 meter |
| EL-C | Detective distance 0.05-2.5m, Sensitive angle ±10° | 32*32*17.5, wire: 1.2 meter |

## ▶ Hand Sweep / Door Sensor Switch

- Constant voltage output, connect with low voltage LED strip
- PWM : 2KHz
- 1 second on/off light fade
- Apply to cabinet, closet, wine cabinet and other lighting

**Hand sweep sensor switch**
DC female jack in
DC male jack out
Sensitive field: ≤7cm
**EB-CV(D)**

**Hand sweep sensor switch**
Dupont male jack in
Dupont female jack out
Sensitive field: ≤7cm
**EB-CV(L)**

**Door sensor switch**
DC female jack in
DC male jack out
Sensitive field: ≤5cm
**ED-CV(D)**

**Door sensor switch**
Dupont male jack in
Dupont female jack out
Sensitive field: ≤5cm
**ED-CV(L)**

**Hand sweep sensor switch**
Sensitive field: ≤8cm
Dimming range: 5 -100%
**EB-V(C)**

**Door sensor switch**
Sensitive field: ≤6cm
**ED-V(C)**

Wire length:15cm

Power Supply
12-24VDC
Constant Voltage    AC100-240V

Power input +
LEDoutput +
LEDinput - +
Power input -

SingleLEDstrip

### DC Plug Connection

Power adapter
12-24VDC

Single color LEDstrip

DC female jack in :
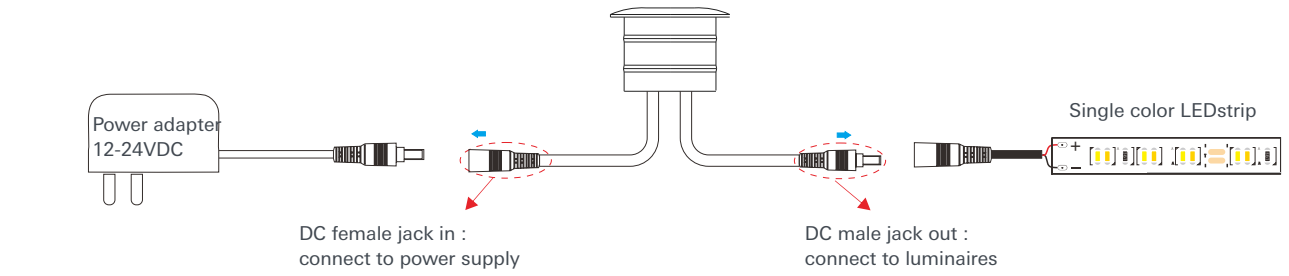connect to power supply

DC male jack out :
connect to luminaires

### Dupont wire connection

AC100-240V

PowerSupply
12-24VDC
Constant Voltage

V-    LED-

V+    LED+

LED junction box

Single color LED strip

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| EB-CV(D) | 12-24VDC | 12-24VDC | Max. 4A | 48-96W |
| EB-CV(L) | 12-24VDC | 12-24VDC | Max. 4A | 48-96W |
| ED-CV(D) | 12-24VDC | 12-24VDC | Max. 4A | 48-96W |
| ED-CV(L) | 12-24VDC | 12-24VDC | Max. 4A | 48-96W |
| EB-V(C) | 12-24VDC | 12-24VDC | 1A | 12-24W |
| ED-V(C) | 12-24VDC | 12-24VDC | 1A | 12-24W |

## ▶ Laser Sensing Switch

- Constant voltage output, connect with low voltage LED strip
- Detection distance: 0.05-2.5m
- Detection angle:20°
- Five delay off times can be set (5, 10, 30, 60, 180s).
- Suitable for lighting staircases, courtyards, aisles, corners, corridors, etc
- Set the sensing detection distance by powering up or pressing the key.

**EL-V**    **EL-V(L)**
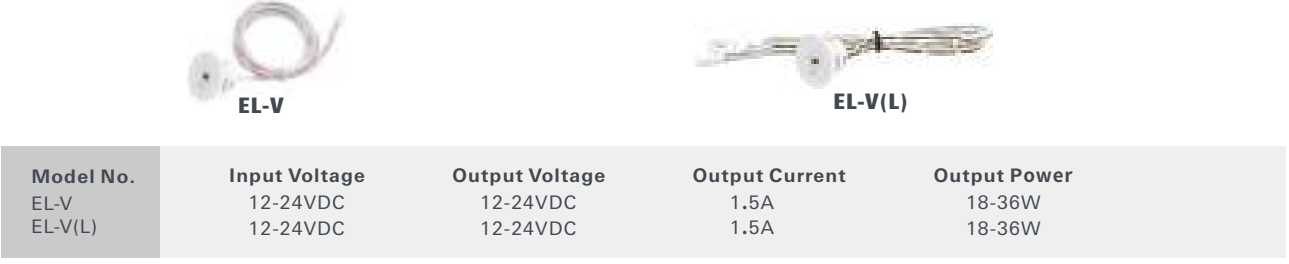
| Model No. | Input Voltage | Output Voltage | Output Current | Output Power |
|---|---|---|---|---|
| EL-V | 12-24VDC | 12-24VDC | 1.5A | 18-36W |
| EL-V(L) | 12-24VDC | 12-24VDC | 1.5A | 18-36W |

# Sensor Series

## ▶ Hand Sweep/Door Control Sensor Remote

- CR2450 battery
- Apply to cabinet, closet, wine cabinet and other lighting

**EF-B**

Hand sweep mode (dimmable) /
Hand sweep mode (non-dimmable)

Door control mode

| Model No.<br>EF-B | Output signal<br>RF(2.4GHz) | Control distance<br>10cm | Sensing range<br>3-4cm | Work voltage<br>3VDC(CR2450) | Size (mm)<br>52 X 42 X 12 |
|---|---|---|---|---|---|

## ▶ Paste Anywhere  Sensor Switch head

- Detection distance: 0.5-5m, detection angle: 120°
- Built-in 5.8GHz motion-detecting radar module detects human movement through wood, plastic, acrylic or thin non-metallic materials.
- When detected human movement, the light will turn on; when human movement is not detected, the light will turn off after the delay is over.
- 5 levels of delayed light off time can be set(10s, 30s, 60s, 180s, 300s).
- 4 levels of sensor distance can be set (5m, 3m, 1.5m, 0.5m).

Human motion Sensor
**E1-M**

- Can detect touch movement through non-metallic materials such as wood, crylic, plastic and glass.
- Short press to turn on/off the light, long press to adjust the brightness.
- 2 levels of touch sensing distance can be set (0-1cm for open installation, 3-4cm for concealed installation).
- PWM:500/2KHZ/4KHZ

Touch Sensor
**E1-T**

- Detection distance ≤ 5cm
- Can detect hand waving motions through non-metallic materials such as wood, acrylic, plastic and glass.
- Hand sweep once the light fade on, sweep again the light fade off.
- Hand stay moment can be set dimmable or non-dimmable.
- PWM:500/2KHZ/4KHZ

Hand Sweep Sensor
**E1-W**

The sensor head is pasted on the front side, please ensure that the sensor face is directly in front of the sensor area.

The sensor switch is pasted on the back, please ensure that the sensor face is directly in front of the sensor area. Paste the touch sensor logo on the front side.

Open installation:

Concealed installation:

## ▶ Paste Anywhere  Sensor Switch

- Built-in 5.8GHz motion-detecting radar module detects human movement through wood, plastic, acrylic or thin non-metallic materials.
- When detected human movement, the light will turn on; when human movement is not detected, the light will turn off after the delay is over.
- 5 levels of delayed light off time can be set (10s, 30s, 60s, 180s, 300s).
- 4 levels of sensor distance can be set (5m, 3m, 1.5m, 0.5m)

Human motion Sensor Switch
DC female jack in
DC male jack out

**E1-M(D)**

Human motion Sensor Switch
Dupont male jack in
Dupont female jack out

**E1-M(L)**
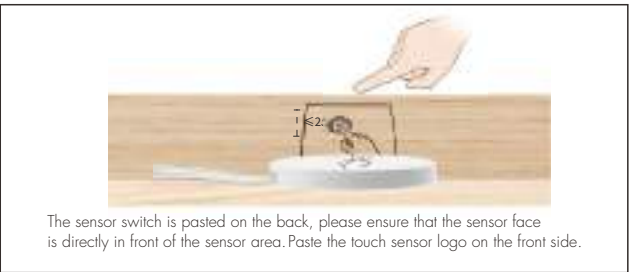
- Can detect touch movement through non-metallic materials such as wood, acrylic, plastic and glass.
- Short press to turn on/off the light, long press to adjust the brightness.
- 2 levels of touch sensing distance can be set (0-1cm for open installation, 3-4cm for concealed installation).
- PWM:500/2KHZ/4KHZ

Touch Sensor Switch
DC female jack in
DC male jack out

**E1-T(D)**

Touch Sensor Switch
Dupont male jack in
Dupont female jack out

**E1-T(L)**

- Can detect hand waving motions through non-metallic materials such as wood, acrylic, plastic and glass.
- Hand sweep once the light fade on, sweep again the light fade off.
- Hand stay moment can be set dimmable or non-dimmable.
- PWM:500/2KHZ/4KHZ

Hand Sweep Sensor Switch
DC female jack in
DC male jack out

**E1-W(D)**

Hand Sweep Sensor Switch
Dupont male jack in
Dupont female jack out

**E1-W(L)**

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Detection distance | Detection angle |
|---|---|---|---|---|---|---|
| E1-M(D) | 5-24VDC | 5-24VDC | 3A | 15-72W | 0.5-5m | 120° |
| E1-M(L) | 5-24VDC | 5-24VDC | 3A | 15-72W | 0.5-5m | 120° |
| E1-T(D) | 5-24VDC | 5-24VDC | 3A | 15-72W | / | / |
| E1-M(D) | 5-24VDC | 5-24VDC | 3A | 15-72W | / | / |
| E1-M(L) | 5-24VDC | 5-24VDC | 3A | 15-72W | ≤ 5cm | / |
| E1-T(D) | 5-24VDC | 5-24VDC | 3A | 15-72W | ≤ 5cm | / |

# 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

# SPI series

## ▶ Dual PIR Sensor + Dual Push Button SPI Controller

**LUX detection**   **Push switch**   **Timer delay**   **Inductive control**
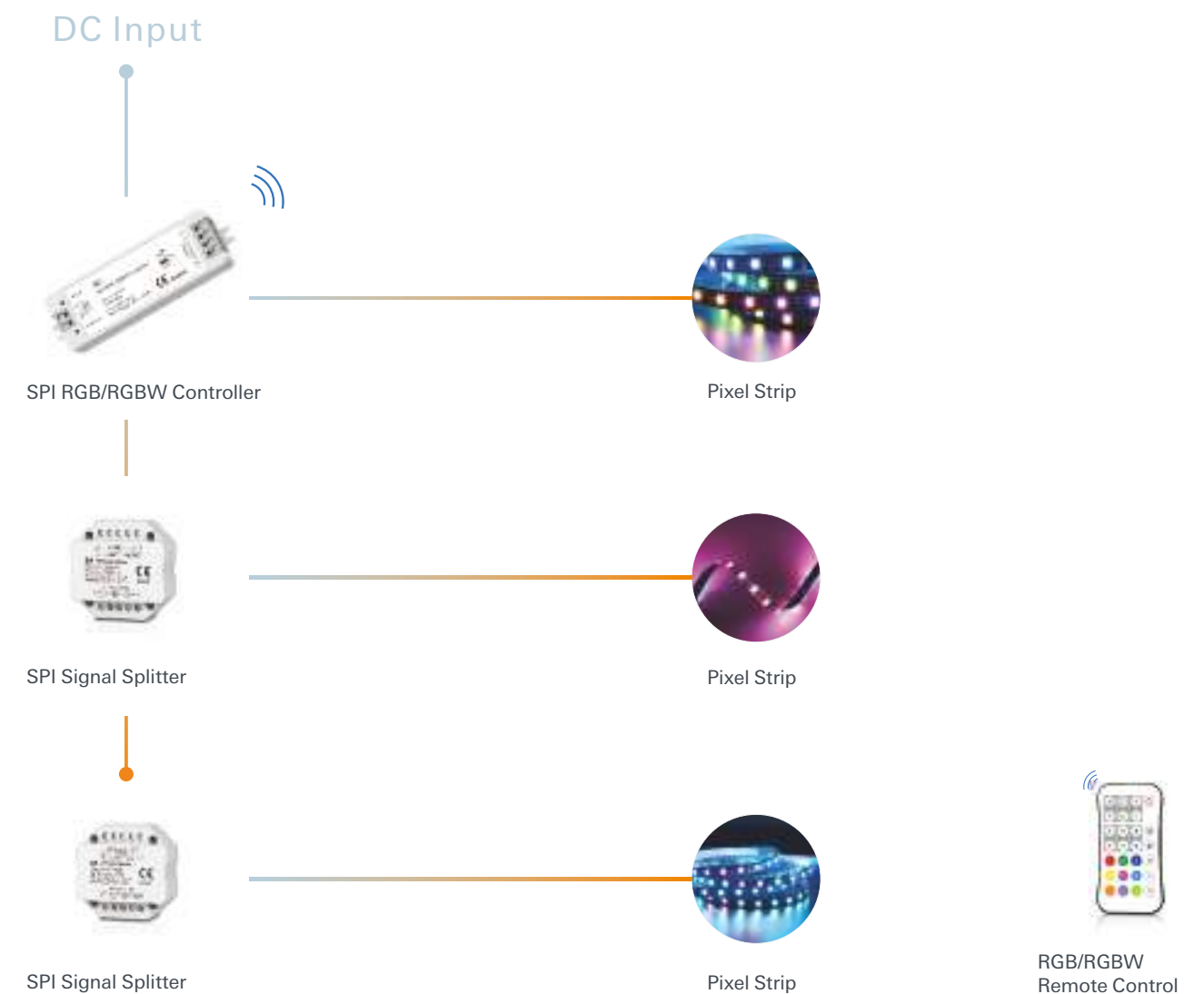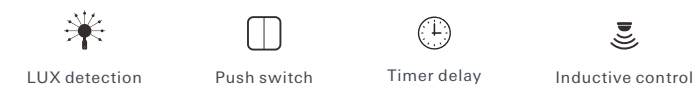
- 4 lighting modes selectable
- Can drive 28 kinds IC digital RGB or white LED strip, IC type and R/G/B order can be set
- Multiple light colors and change types are selectable
- Easy operation with buttons

- 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. | ES-D |
|---|---|
| Input Voltage | 5-24VDC |
| Input Signal | PIR sensor or Push button or 2.4GHz |
| Output Signal | 2 x SPI (TTL) |
| Pixel number | Max 960 |

| Model No. | ES-DP |
|---|---|
| Input Voltage | 5-24VDC |
| Input Signal | Push button |
| Output Signal | 2 x SPI (TTL) |
| Pixel number | 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
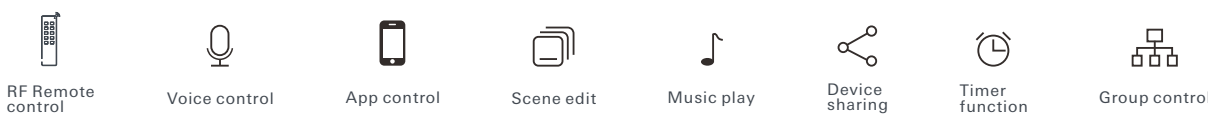
### ES-D(WT)
(With Sensor)

### ES-DP(WT)
(Without Sensor)

170×50×23MM

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

| Model No. | ES-DP(WT) |
|---|---|
| Input Voltage | 5-24VDC |
| Input Signal | Push button / WiFi |
| Output Signal | 2 X SPI(TTL) |
| Control Dots | 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, Googlehome etc
- Rich dynamic effects: 44 default and 10+ custom dynamic scenarios, 16 variations

### WT-SPI
WT-SPI+R9 Set

114×38×20MM

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

### WZ-SPI

114×38×20MM

- 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

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

# SPI series

## ▶ SPI RF LED Controller

- Compatible with RGB or white LED strips with 48 types of chips; the chip type and R/G/B color sequence can be set
- output two group SPI signals, digital display, 3-button operation
- Three push switch can be connected for up direction switching, down direction switching, all switching function
- 16 kinds color light, 10 kinds dynamic mode and 6 kinds move direction are selectable, speed and brightness adjustable
- Match with RF 2.4G remote control optional
- Max 900 pixel dots

170 X 50 X 23MM

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

- 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 + SPI Controller + SPI light

Power Supply 5-24VDC Constant Voltage

## ▶ SPI RF Remote Controller

The SKYDANCE SPI RF remote control is specifically designed for RF RGB/RGBW SPI LED controllers. It features an ultra-sensitive RGB touch color ring for color selection. It enables you to set the color, change type, movement direction, speed and brightness of dynamic modes. Additionally, you can also set parameters such as the length of the light strip, chip type, and the color sequence of red / green / blue / white.

**RTS**
- 1 zone
- 8 scene
- AAA × 2 battery

122X53X17.5MM

## ▶ SPI Signal Splitter

**SA**
- Split 1 group SPI signal (data+clock) to 2 group SPI signals

52 X 52 X 26MM

| 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**
- 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

140 X 75 X 28MM

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

- SPI signal extension transmitter (SA-T) converts SPI (TTL) signal input to differential signal output
- SPI signal extension receiver (SA-R) converts differential signal inputs to SPI (TTL) signal outputs
- Use with SPI controller to extend SPI signal transmission, distance up to 120 metres

SPI Signal Extension Transmitter **SA-T**
SPI Signal Extension Receiver **SA-R**

| Model No. | Input Voltage | Input Signal | Output Signal | Size (mm) |
|---|---|---|---|---|
| SA-T | 5-24VDC | SPI/TTL (DATA+CLK) | Two differential signal | 110 X 48 X 45 |
| SA-R | 5-24VDC | Two differential signal | SPI/TTL (DATA+CLK) | 110 X 48 X 45 |

## ▶ SPI RF Touch Panel Remote Control

- 1 Zone 4 Scenes touch panel remote,used for RGB or RGBW SPI LED controllers
- Support for setting the color, change type, motion direction, speed and brightness of the dynamic mode
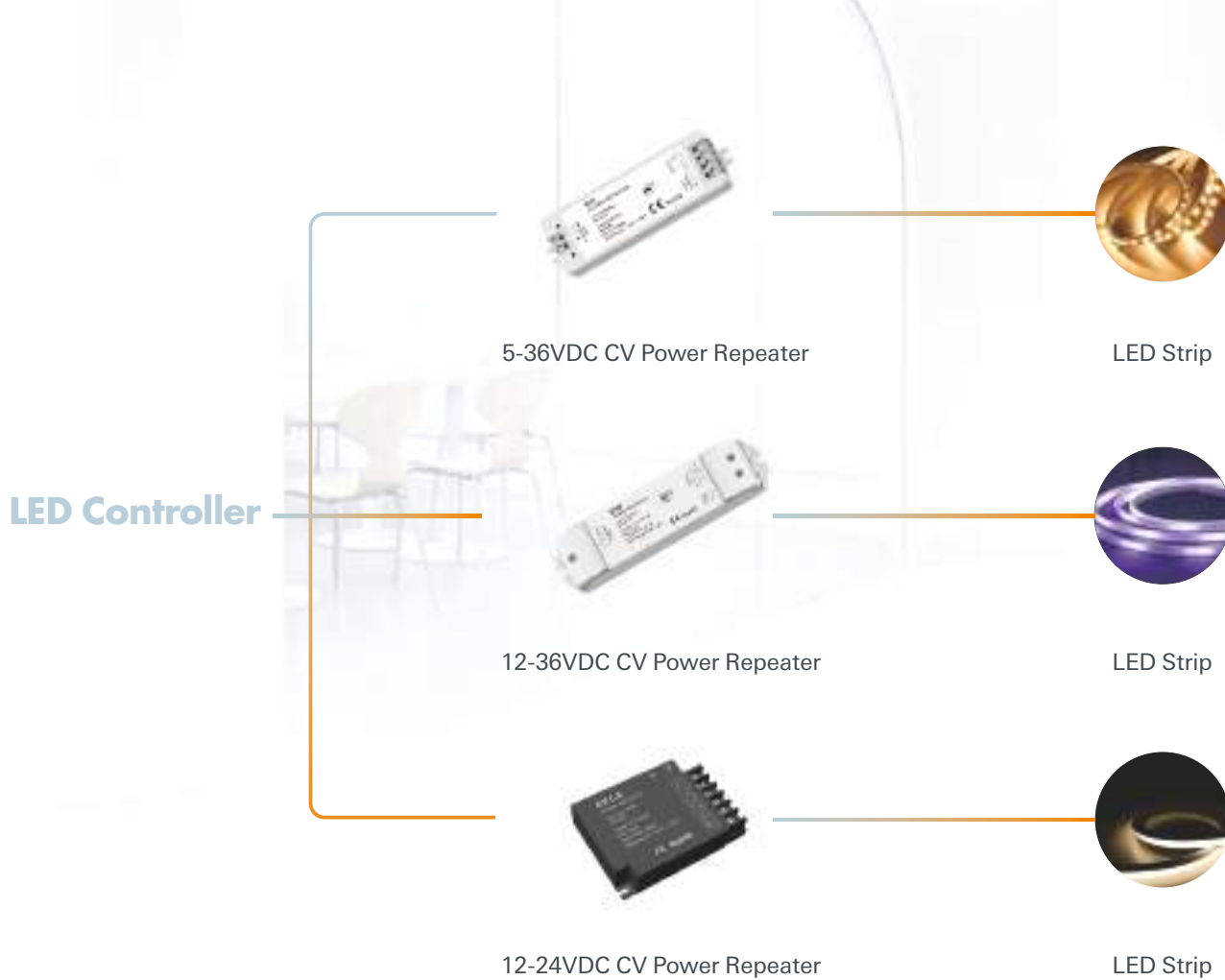
**TWS** (White/Black)

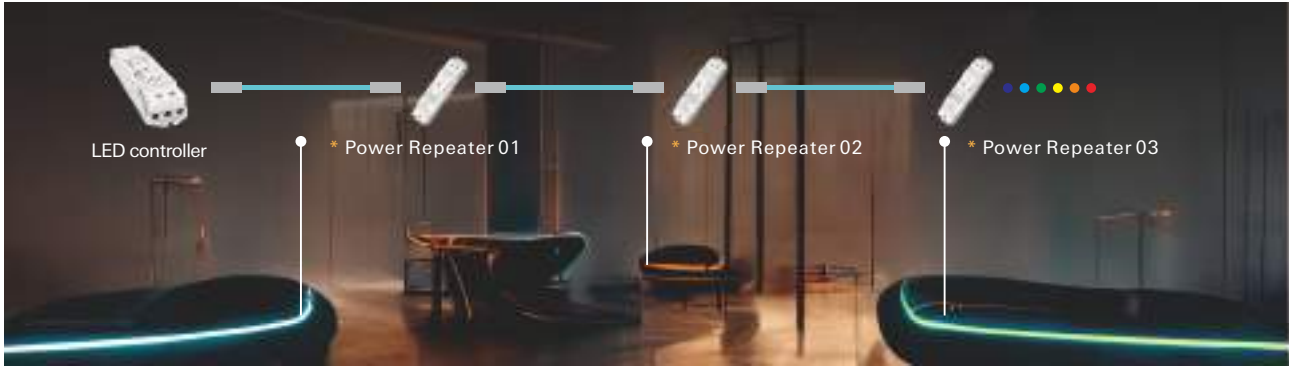| Model No. | zone | scene | Working voltage | Size (mm) |
|---|---|---|---|---|
| TWS(White/Black) | 1 Zone | 4 Scene | 3VDC(CR2032) | 86 X 86 X 10 |

# Power Repeater

Due to the voltage drop of constant voltage LED lights, in the LED lighting control system, as the transmission distance increases and the load cascade increases, the LED power supply driving ability is insufficient.The brightness at the end of the lamp drops significantly, which affects the consistency of the LED lamp output. By using a power repeater, accepting constant voltage PWM signal control to expand the output of the constant voltage controller Power to achieve synchronous control effect. Each PWM constant voltage controller can theoretically connect an unlimited number of constant voltage power repeater in series or parallel to control more monochrome, color temperature, RGB, RGBW And RGB+CCT constant voltage LED lights.

SKYDANCE constant voltage power repeater  series adopt DC12/24/36/48/60V constant voltage led driver, 1/2/3/4/5 channel PWM constant voltage signal input, 1/2/3/4/5 channel PWM Constant voltage power 3KV photoelectric isolation between output, input and output. The constant voltage power repeater needs to be used with RF constant voltage controller, DMX constant voltage decoder, DALI PWM constant voltage dimmer, etc.

**LED Controller**

5-36VDC CV Power Repeater — LED Strip

12-36VDC CV Power Repeater — LED Strip

12-24VDC CV Power Repeater — LED Strip

## Power Repeater

- Apply with LED controller to extend power output to control more LED lights more stably
- 1/2/3/4/5 channel PWM constant voltage output options
- Power repeater in series or in parallel to expand output unlimitedly
- Reverse polarity protection, IP20 or IP67 waterproof rating

| EV1 | EV1-S | EV1-X | EV2 | EV2-S | EV3 |
| 1 channel | 1 channel | 1 channel | 2 channel | 2 channel | 3 channel |

| EV3-X | EV4 | EV4-X | EV4-WPS | EV5 |
| 3 channel | 4 channel | 4 channel | 4 channel | 5 channel |

IP67

LED controller　　* Power Repeater 01　　* Power Repeater 02　　* Power Repeater 03

| Model No. | Input Voltage | Output Voltage | Output Current | Output Power | Size (mm) |
|---|---|---|---|---|---|
| EV1 | 12-36VDC | 12-36VDC | 1CH*8A | 12V<96W,24V<192W 36V<288W | 97 X 33 X 18 |
| EV1-S | 12-24VDC | 12-24VDC | 1CH*15A | 12V<180W, 24V<360W | 175 X 45 X 27 |
| EV1-X | 12-24VDC | 12-24VDC | 1CH*30A | 12V<360W, 24V<720W | 107 X 75 X 24.5 |
| EV2 | 12-36VDC | 2*(12-36)VDC | 2CH*8A | 12V<192W, 24V<384W 36V<576W | 175 X 45 X 27 |
| EV2-S | 12-24VDC | 2*(12-24)VDC | 2CH*5A | 12V<60W, 24V<120W | 97 X 33 X 18 |
| EV3 | 12-36VDC | 3*(12-36)VDC | 3CH*6A | 12V<216W, 24V<432W 36V<648W | 175 X 45 X 27 |
| EV3-X | 12-36VDC | 3*(12-36)VDC | 3CH*10A | 12V<360W, 24V<720W 36V<1080W | 107 X 75 X 24.5 |
| EV4 | 12-36VDC | 4*(12-36)VDC | 4CH*5A | 12V<240W, 24V<480W 36V<720W | 175 X 45 X 27 |
| EV4-X | 12-24VDC | 4*(12-36)VDC | 4CH*8A | 12V<384W, 24V<768W | 107 X 75 X 24.5 |
| EV4-WPS (IP67) | 12-36VDC | 4*(12-36)VDC | 4CH*5A | 12V<240W, 24V<480W 36V<720W | 165 X 98 X 72 |
| EV5 | 12-24VDC | 5*(12-36)VDC | 5CH*5A | 12V<300W, 24V<600W | 107 X 75 X 24.5 |