

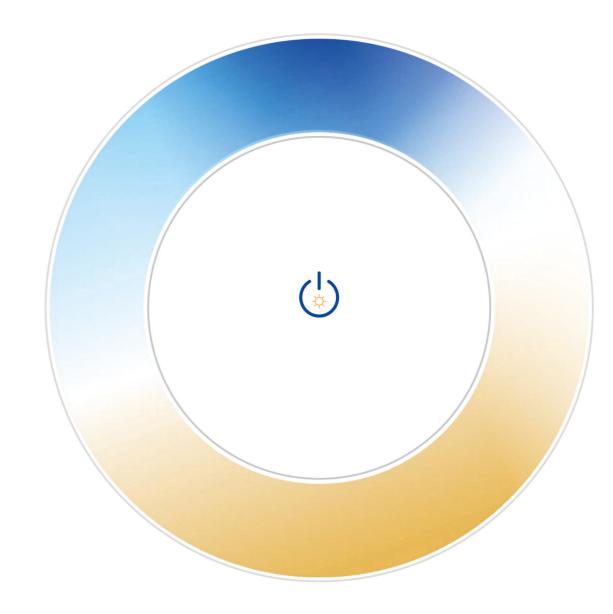
www.iskydance.com

## **GUANGZHOU SKYDANCE CO.,LTD**

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2025-2026
PRODUCT CATALOG

Sensor













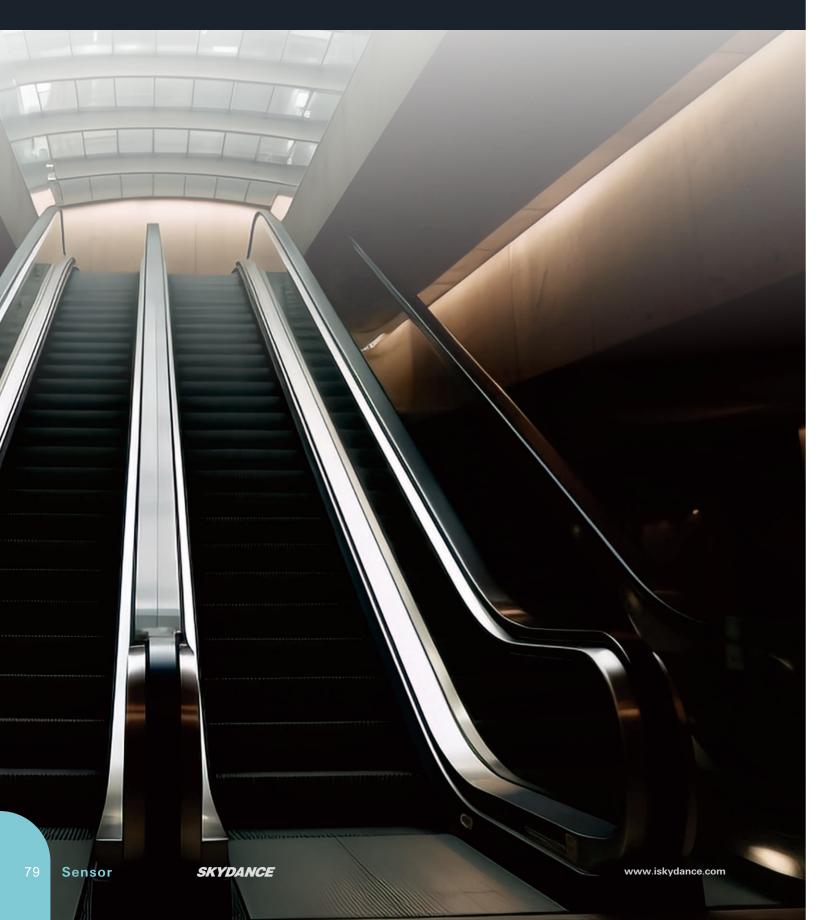












## **Sensor Series**

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, the sensor does not turn on the light.





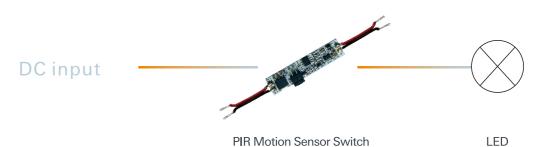
turns off if no motion

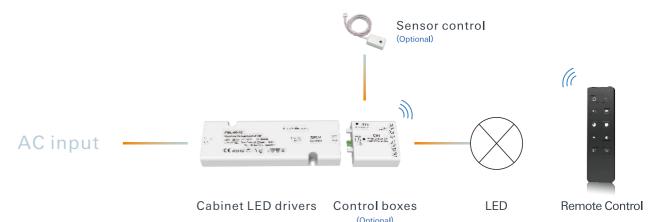


time, the sensor turns off the light if no motion detected.









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#### 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 E1-B E1-G E2-B E1-D or switch) (CCT Hand witch) (PIR r or switch) (Hand sv

| Model No.      | E1-C                   | E1-B                        | E1-G                           | E2-B                     | E1-D                  | E1-R                     |
|----------------|------------------------|-----------------------------|--------------------------------|--------------------------|-----------------------|--------------------------|
| Product Name   | Touch<br>sensor dimmer | Hand sweep<br>sensor switch | Hand sweep<br>sensor switch    | CCT Hand<br>Sweep dimmer | Door sensor<br>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,<br>24V<72W    | 12V<48W,<br>24V<96W         | 5V<20W,<br>12V<48W,<br>24V<96W | 12V<36W,<br>24V<72W      | 12V<48W,<br>24V<96W   | 12V<36W,<br>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)



E1-RC(Without RF)

#### 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,<br>36V<144W,48V<192W |
| E1-RC     | 12-48VDC      | 12-48VDC       | 6A(12-24V);4A(36-48V) | 12V<72W,24V<144W,<br>36V<144W,48V<192W |

- > Constant voltage output, connect with low voltage LED strip
- > Dupont male jack in, dupont female jack out



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

ER-AV Sensor Switch

20 X 20 X 22.5MM (wire: 50cm)

| Model No. | Input Voltage | Output Voltage |  |
|-----------|---------------|----------------|--|
| ER-AV     | 5-24VDC       | 5-24VDC        |  |
| EC-AV     | 5-24VDC       | 5-24VDC        |  |

> Bilateral snap design for easy installation



- 125Hz, 500Hz, 2KHz(default), 8KHz selectable
- 0-100% brightness adjustment

#### EC-AV

20 X 20 X 18.5MM (wire: 50cm)

| Output Current | Output Power             |
|----------------|--------------------------|
| Max 3A         | 5V<15W,12V<36W,24V<72W   |
| 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



- 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.      | 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

Model No.

Input Voltage

**Output Voltage** 

**Output Current** 

**Output Power** 

- 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

- 2 stair light controllers can cascade

• Only for cv single color LED strip

With fast self-testing function

• PIR motion sensor or push switch signal input

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,
- 1-8 level light speed and brightness adjustable













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 groups different SPI(TTL) signal output







• 1-8 level light speed and brightness adjustable

• 2 lighting modes settable



Sensor

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65 X 40 X 8MM

Model No. Input Voltage **Output Voltage Output Current Output Power** 

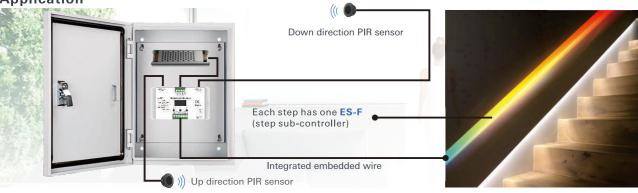
ES24 5-24VDC 24CH\*1A

5V<100W 12V<240W; 24V<480W

Model No. Input Voltage Output Voltage **Output Current Output Power** 

ES-F (step sub-controller) 5-24VDC 5-24VDC Max1A

#### **Application**



#### 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











- \* 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<br>+ RF 2.4GHz            | 170 X 50 X 23 |
| ES-D(WT)  | 5-24VDC       | 2 X SPI(TTL)  | Max 960      | PIR sensor + Push button<br>+ 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;<br>2CH*4A@36/48V | 12V<144W; 24V<288W;<br>36V<288W; 48V<384W |

#### Microwave Motion Sensor Dimming Controller



- · Control lights by sensing human or object movement
- Sensing distance, hold time, standby time, daylight detection threshold, light type can be set via 10-bit DIP switch
- Support 3 induction control modes: on/off, two-stage dimming, three-stage dimming
- Support 3 kinds of light sensor switch control: single color, color temperature, RGB color light
- · Light brightness, color temperature or color can be adjusted by pressing a button or remote control
- · Can be used as a remote control

| Model No. | Input Voltage | Output Current | Output Power | Input signal         | Size (mm)          |
|-----------|---------------|----------------|--------------|----------------------|--------------------|
| V3-PM     | 12-24VDC      | 3CH, 2A/CH     | 3x(24-48)W   | Microwave, RF 2.4GHz | 83.5 X 32.5 X 19.3 |

#### Microwave Human Presence Sensor Dimming Controller

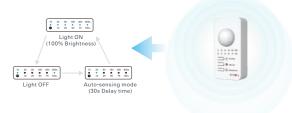


- Determine the presence of the human body by detecting the accumulation of tiny movements such as human breathing
- Sensing distance, hold time, standby time, daylight detection threshold, light type can be set via 10-bit DIP switch
- Support 3 induction control modes: on/off, two-stage dimming, three-stage dimming
- · Support 3 kinds of light sensor switch control: single color, color temperature, RGB color light
- · Light brightness, color temperature or color can be adjusted by pressing a button or remote control
- Can be used as a remote control

| Model No. | Input Voltage | Output Current | Output Power | Input signal         | Size (mm)          |
|-----------|---------------|----------------|--------------|----------------------|--------------------|
| V3-PM     | 12-24VDC      | 3CH, 2A/CH     | 3x(24-48)W   | Microwave, RF 2.4GHz | 83.5 X 32.5 X 19.3 |

#### ► 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







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 |

Sensor Sensor



- 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



- 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       |              | 80 X 40 X 29 |
| E3-R(WT)  | 5-24VDC       | 5-24VDC        | 3CH*1.5A       |              | 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

| 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             | 1   | 10.525GHz                                       |
| Power consumption     | <1.3W(Operation)                                | <1.6W(Operation)                                |
| Detection zone        | Max.(DxH) 10 x 5m                               | Max.(DxH) 20 x 10m                              |
| Detection sensitivity | 1   | 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      | 1   | 0.5-3m/s  |
| Detection angle       | 360°(ceilling installation)                     | 360°(ceilling installation)                     |
| Operation temperature | Ta:-20°C~+50°C                                  | Ta:-20°C~+50°C                                  |
|                       |   |   |

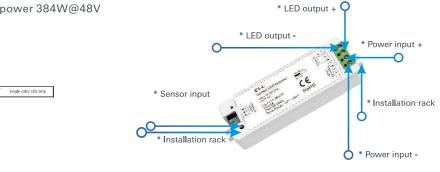


- Set the sensor sensitivity, hold time, stand-by time and light sensing threshold via APP
- Tuya smart APP cloud control, smart linkage to other Tuya devices

| 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        | 1  |
| 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 Detection sensitivity | Max.(DxH) 10 x 5m<br>/              | Operation temperature | Ta: -20°C ~ +50°C                              |
| Hold time                            | 10s/30s/90s/3min/10min/30min/+∞     | Size (mm)             | Ф95 X 51                                       |

#### 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



| Model No. | Input Voltage | Output Voltage | Output Current | Input Signal                            | Size (mm)    |
|-----------|---------------|----------------|----------------|---|--------------|
| E1-L      | 12-48VDC      | 12-48VDC       | 1CH*8A         | 12V<96W, 24V<192W<br>36V<288W, 48V<384W | 97 X 33 X 18 |

#### Sensor + RF DC LED Controller



- 3 channel constant voltage LED controller, output connect single color, CCT or RGB LED strips
- Compatible with multiple sensors, including PIR motion sensors, door contact sensors, hand sweep sensors, etc.
- Two button operation, supporting control of on/off, brightness, color temperature, RGB colors, dynamic modes, and dynamic speed adjustment
- 9-level delay-off timer (3s, 5s, 10s, 30s, 1min, 3min, 10min, 30min, and 0ff)
- Work as RF remote, output RF 2.4G signal

| Model No. | Input Voltage | Output voltage | Output Current | Output Power | Size (mm)          |
|-----------|---------------|----------------|----------------|--------------|--------------------|
| V3-E      | 12-24VDC      | 12-24VDC       | 3CH, 2A/CH     | 3x(24-48)W   | 83.5 X 32.5 X 19.3 |

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#### ► 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

# 000 \* Knob potentiometer

#### **Microwave Sensor Detection Pattern**







Ceilling mounting pattern(Unit:m) Suggested installation height: 2.5-15m

#### **Sensor Distance**





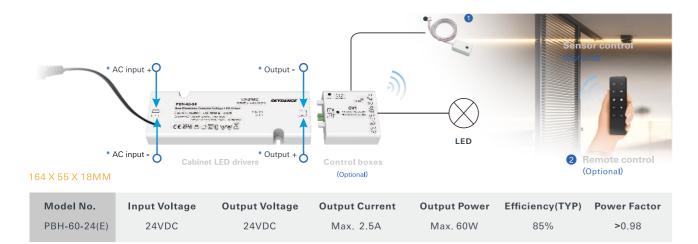
73.5 X 42.5X 22MM

| 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



#### 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







CVO On/Off(without BE)

CV1 For dimmino

CV2 For two-wires CCT

| Model No. | Input Voltage | Output Channe | I 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







| Model No. | Input Voltage | Output Channel | Output Power     | Bimming interface            | Light Type |
|-----------|---------------|----------------|------------------|------------------------------|------------|
| CV1(WT)   | 12-24VDC      | 6CH            | 12V<60W; 24V<60W | RF Wireless,<br>Sensor, WiFi | Dimming    |

#### Sensor Probes



Detective distance:≤8cm Sensitive angle:15-30 EB(C)



Detective distance:≤10cm Sensitive angle:15-30 ED(C)



Wod Touch Sensor Detective distance: <5cm sitive angle:15-25 EW



Sensitive distance: 1-6cm Sensitive angle:15-25 ED-C



Hand Sweep Sensor Sensitive distance: 1-6cm nsitive angle:15**-**25

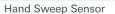


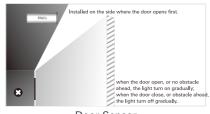
Laser Sensor Head Detective distance:0.05-2.5m

EB-C

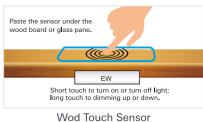
sitive angle:±10° EL-C



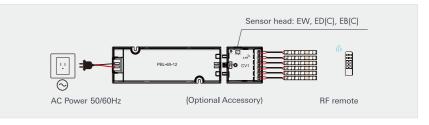




Door Sensor



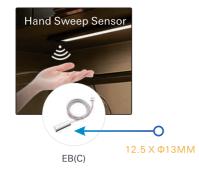




CE ROHS C SAR CB FC SAR **SKYDANCE** Sensor Sensor

#### Connect with a variety of induction Head







| 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%<br>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



Hand sweep sensor switch DC female jack in DC male jack out Sensitive field: ≤7cm EB-CV(D)





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)

• 1 second on/off light fade



Dupont male jack in Dupont female jack out Sensitive field: ≤5cm

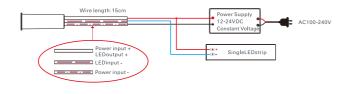
ED-CV(L)



Hand sweep sensor switch Sensitive field: ≤8cm Dimming range: 5 -100% EB-V(C)

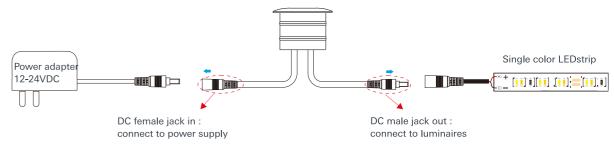


ED-V(C)

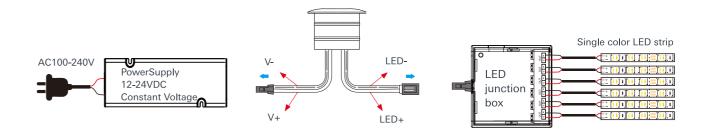


• Apply to cabinet, closet, wine cabinet and other lighting

#### **DC Plug Connection**



#### **Dupont wire connection**



| Model No.<br>EB-CV(D) | Input Voltage<br>12-24VDC | Output Voltage<br>12-24VDC | Output Current<br>Max. 4A | Output Power<br>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.





| 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       |  |

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#### Hand Sweep/Door Control Sensor Remote

- CR2450 battery
- Apply to cabinet, closet, wine cabinet and other lighting







Hand sweep mode (dimmable) / Hand sweep mode (non-dimmable



Door control mode

| Model No. | Output signal | Control distance | Sensing range | Work voltage | Size (mm)    |
|-----------|---------------|------------------|---------------|--------------|--------------|
| EF-B      | RF(2.4GHz)    | 10cm             | 3-4cm         | 3VDC(CR2450) | 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
- 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



E1-T

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Hand Sweep Sensor

E1-W







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

Human motion Sensor Switch

Dupont male jack in

Dupont female jack out

E1-M(D)

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



Touch Sensor Switch
Dupont male jack in
Dupont female jack out

#### **E1-T(D)**

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



Hand Sweep Sensor Switch
Dupont male jack in
Dupont female jack out

E1-W(D)

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       | /                  | 1               |
| 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               | /               |

Sensor SKYDANCE www.iskydance.com (C Ref V G) G CB FC Sensor