Sensor Stair Light Controller

Model Name	Product Name	Pictrue	Parameters	Key Feature	Recommended Products	Distinguish Between Similar Products
ES32	PIR Sensor Stair Light Controller		Input voltage:5-24VDC Output voltage:32x(5-24)VDC Output type: Constant Voltage+SPI(TTL) Output current:32CH,1A/CH Input signal:PIR Sensor,Push switch Pixel dots:Max.960 Sensing range: 3m Sensing angle:30° (±10° accuracy) Proudct size:186x86x25.5mm(LxWxH)	● OLED display and 3 buttons operation. ● Stair light controller supporting dual PIR sensing + dual push switch inputs with daylight detection. ● 32 channels constant voltage output,supports up to 32 steps of white light step control. ● Compatible with 28 kinds of RGB SPI LED strips, chip type and R/G/B order can be set. ● Supports four output modes: White light step,Color light flow,Color light step,White light Step+Color light flow. ● Built-in multiple color light modes,speed and brightness. ● Synchronized or sequential light off, automatic light off delay time(5s - 10min) can be set. ● Set the daylight sensor threshold (10-200 Lux,off).	Stair Light Controller Sensor Head:ER-C,ES-T	/
ES32-V	PIR Sensor 32 Steps Stair Light Controller		Input voltage:5-24VDC Output voltage:32x(5-24)VDC Output type: Constant Voltage Output current:32CH,1A/CH Input signal:PIR Sensor,Push switch Sensing range: 3m Sensing angle:30° (±10° accuracy) Proudct size:186x86x25.5mm(LxWxH)	● OLED display and 3 buttons operation. ● Stair light controller supporting dual PIR sensing + dual push switch inputs with daylight detection. ● 32 channels constant voltage output,supports up to 32 steps of white light step control. ● Flow,chase,trail,float,five-step and one-step,with 1-8 levels of adjustable speed and brightness. ● Synchronized or sequential light on and off,light on and off fade time (0/1/2/3s),automatic light off delay time (5s - 10min) can be set. ● Set the daylight sensor threshold (10-200 Lux,off).	Stair Light Controller Sensor Head:ER-C,ES-T	/
ES24	PIR Sensor Stair Light Controller		Input voltage:5-24VDC Output signal:2xSPI(TTL) Input signal:PIR Sensor,Push switch Steps:Default 24,Max 72 Pixel dots:Max.720 Sensing range: 3m Sensing angle:30° (±10° accuracy) Proudct size:123x68x26.5mm(LxWxH) ES-F Step Control Input/Output voltage:5-24VDC Output current:Max.1A Input signal:SPI(TTL)	● OLED display and 3 buttons operation. ● Stair light controller supporting dual PIR sensing switch inputs with daylight detection. ● 2 groups different SPI(TTL) signal output,group 1 SPI signal output to realize white light step or color light step control,group 2 SPI signal output for color light flow control. ● Compatible with 18 kinds single signal line RGB SPI LED strips,can set IC type and R/G/B order. ● Supports five output modes: White light step,Color light flow,Color light step, White light step+Color light flow,Color step+Color light flow. ● Built-in multiple color light modes,speed and brightness. ● Synchronized or sequential light on and off, automatic light off delay time (5s - 10min) can be set. ● Set the daylight sensor threshold (10-200 Lux, off).	Stair Light Controller Sensor Head:ER-C,ES-T	/
ES24(WT)	WiFi+PIR Sensor Stair Light Controller		Input voltage:5-24VDC Output signal:2xSPI(TTL) Input signal:WiFi,PIR Sensor,Push switch Steps:Default 24,Max 72 Pixel dots:Max.720 Sensing range: 3m Sensing angle:30° (±10° accuracy) Proudct size:123x68x26.5mm(LxWxH) ES-F Step Control Input/Output voltage:5-24VDC Output current:Max.1A Input signal:SPI(TTL)	● OLED display and 3 buttons operation. ● Stair light controller supporting dual PIR sensing switch inputs with daylight detection. ● 2 groups SPI(TTL) signal output,group 1 SPI signal output to realize white light step or color light step control,group 2 SPI signal output for color light flow control. ● Compatible with 18 kinds single signal line RGB SPI LED strips,can set IC type and R/G/B order. ● Supports five output modes: White light step,Color light flow,Color light step, White light step+Color light flow,Color step+Color light flow. ● Tuya APP cloud control,painting-style color mixing in segments,rich dynamic effects, timer support, and music rhythm. ● Voice control,support for Amazon ECHO,Google,Tmall Genie and Xiaodu smart speakers. ● APP dynamic effects:44 default and 10+ custom dynamic scenarios,16 variations. ● Built-in multiple color light modes,speed and brightness. ● Synchronized or sequential light on and off, automatic light off delay time (5s - 10min) can be set. ● Set the daylight sensor threshold (10-200 Lux, off).	Stair Light Controller Sensor Head:ER-C,ES-T	/
ES-D	Dual PIR Sensor + Dual Push Button SPI Controller		Input voltage:5-24VDC Input signal:PIR Sensor,Push switch Output signal:SPI(TTL)x2 Pixel dots:Max.960 Sensitive celd: 3m Sensitive angle:30° (±10° inaccuracy) Proudct size:170x50x23(LxWxH)	● Digital display, 3 button operation. ● Dual PIR sensor + dual push button input RGB or white light SPI controller features daylight sensor. ● Compatible with 28 kinds RGB or white SPI LED strips, the chip type and R/G/B order can be set. ● When applied to stair light, supports four output modes:color flow, white flow, color step, white step. ● Multiple light colors and change types are selectable with adjustable speed and brightness. ● Sequential switching control is realized when multiple SPI controllers are connected to a single self-resetting push switch button. ● Synchronized or sequential light on and off, automatic light off delay time (5s - 60 min) can be set. ● Set the daylight sensor threshold (10-200 Lux, off).	Stair Light Controller Sensor Head:ER-C,ES-T	/

ES-D(WT)	Dual PIR Sensor + Dual Push Button WiFi SPI Controller		Input voltage:5-24VDC Input signal:WiFi,PIR Sensor,Push switch Output signal:SPI(TTL)x2 Pixel dots:Max.960 Sensitive celd: 3m Sensitive angle:30° (±10° accuracy) Proudct size:170x50x23(LxWxH)	● Digital display, 3 button operation. ● Dual PIR sensor + dual push button input RGB or white light SPI controller features daylight sensor. ● Compatible with 28 kinds RGB or white SPI LED strips, the chip type and R/G/B order can be set. ● When applied to stair light, supports four output modes:color flow, white flow, color step, white step. ● Tuya APP cloud control,painting-style color mixing in segments,rich dynamic effects, timer support, and music rhythm. ● Voice control,support for Amazon ECHO,Google,Tmall Genie and Xiaodu smart speakers. ● APP dynamic effects:44 default and 10+ custom dynamic scenarios,16 variations. ● Multiple light colors and change types are selectable with adjustable speed and brightness. ● Sequential switching control is realized when multiple SPI controllers are connected to a single self-resetting push switch button. ● Synchronized or sequential light on and off, automatic light off delay time (5 seconds - 60 minutes) can be set. ● Set the daylight sensor threshold (10-200 Lux, off).	Stair Light Controller Sensor Head:ER-C,ES-T	/
ES-V	Dual PIR Sensor + Push Switch Dimming & CCT Constant Voltage LED Controller		Input voltage:12-48VDC Output voltage:2x(12-48)VDC Output current:2x6A@12/24V 2x4A@36/48V Input signal:Sensor,Push switch PWM Frequency:2KHz(default) Proudct size:115x46x16mm(LxWxH)	● Dual sensor inputs,compatible with a variety of sensor heads, including PIR human motion sensor,door sensor,hand sweep sensor,door sensor,microwave motion detector etc. ● 2 channel constant voltage output for controlling single-color or color temperature LED low-voltage strips. ● 2-in-1 function, DIP switch set dimming or color temperature light type. ● Connect the self-reset switch for on/off,brightness and color temperature adjustment. ● DIP switch set 4 levels of delayed light off time(0/30/60/180s). ● DIP switch turns daylight detection on or off.	Sensor Head:PIR human motion,touch,hand sweep,door control,microwave Stair Light Controller Sensor Head:ER-C,ES-T	/
EV-R	PIR Sensor+RF Dimming Constant Voltage LED Controller		Input/Output voltage:5-24VDC Output current:3A Input signal:PIR Sensor,RF 2.4GHz Control distance:30m(Barrier-free space) Dimming range:10-100% Sensing range:2-7m Sensitivity angle:120° Proudct size:80x40x29mm(LxWxH)	● PIR motion sensor dimming controller with daylight detection. ● 3 button operation, 6 indicator lights. ● 3 work modes(Lights on, lights off, auto-sensor). ● 5 level dimmer(10%,25%,50%,75%,100%). ● 6 level timer(10/30/60/180/300/600s). ● DIP switch on or off daylight detection. ● Optional RF 2.4G single-zone or multi-zone dimming remote control. ● It can be used as an inductive RF remote control to remotely switch other RF LED controllers or RF dimming drivers. ● 3M tape installation, easy and convenient.	Dimming RF Remote Control:R11,R1-1,R1,R6-1,R6,RT1,RT6,RS1 Dimming Panel RF Remote Control:RK1,TW1,T21,T11-S,T11-1,T11-K RF Dimming Constant Voltage LED Controller:V1,V1-L,V1-C,V1-M,V1-W RF Dimming Constant Voltage LED Driver:PB-75-24,PH-150-24 RF Dimming Constant Current LED Driver:PB-12A-L(WT) RF igh Voltage LED Strip Controller:S1-HV,S3,S3(WT) RF Triac Dimmer:S1-B,S1-B(WT),S1-F RF 0/1-10V Dimmer:L1,L1(WT) RF-DALI Signal Converter:DA-M	/

Stair Light Controller Sensor Head

Model Name	Product Name	Pictrue	Parameters	Key Feature	Recommended Products	Distinguish Between Similar Products
ER-C	PIR Motion Sensor Head		Sensing range:≤3m Sensing angle:20-40 Proudct size:26x18mm(DxH)	● Low voltage 5VDC power supply, 5V high level signal output (hold for 2-3s). ● Used with PIR Sensor Stair Light Controller. ● Concealed aluminum housing, used for staircase, corridor and other lighting applications.	PIR Sensor Stair Light Controller:ES32,ES24,ES-D,ES-V	/
ES-T	Infrared Reflective Stair Step Sensor		Reflection type:IR Reflection distance:Max.1.4m Proudct size:33.5x19x12.5mm(LxWxH)	● Infrared reflective sensor head, to be used with reflector plate. ● Powered by low voltage 5VDC,output 5V pulse signal. ● The head outputs high level signal when a person go through. ● The maximum reflection distance is 1.4m,installation height is more than 5cm from the ground. ● Used with dual sensor inputs for stair light controller.	PIR Sensor Stair Light Controller:ES32,ES24,ES-D,ES-V	/