

SUNRICHER 2026



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<https://www.sunricher.com>

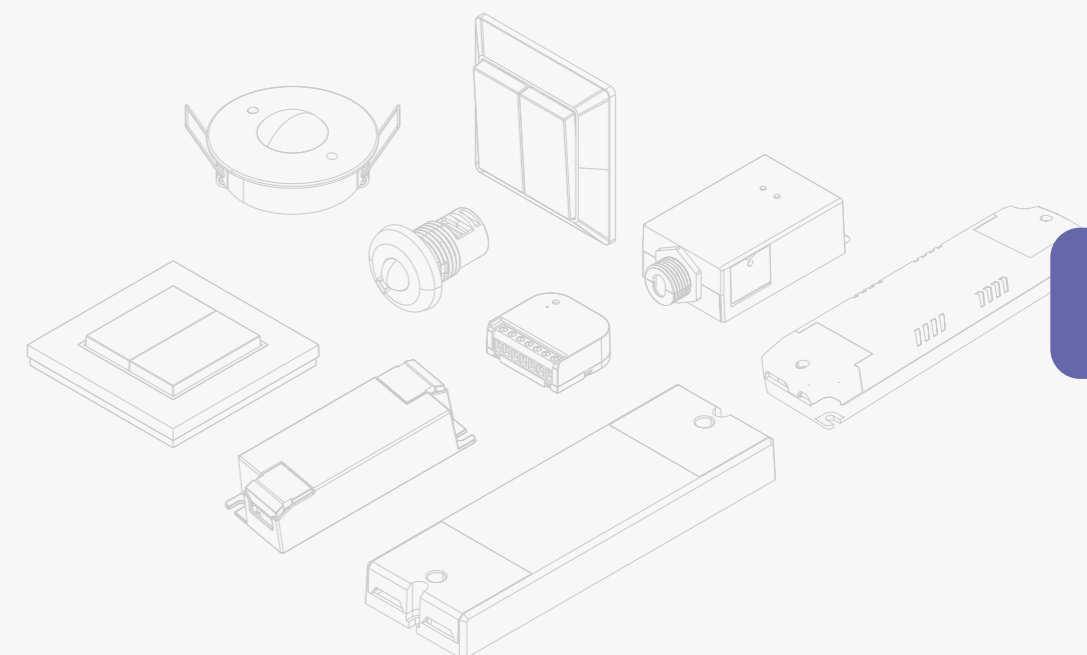
Shenzhen Sunricher Technology Co.,Ltd
3F&5F,Bldg.E.Qihang Technology Innovation R&D Industrial Park,Shenzhen,China



For American Market

SIG Mesh Bluetooth[®] System

2026

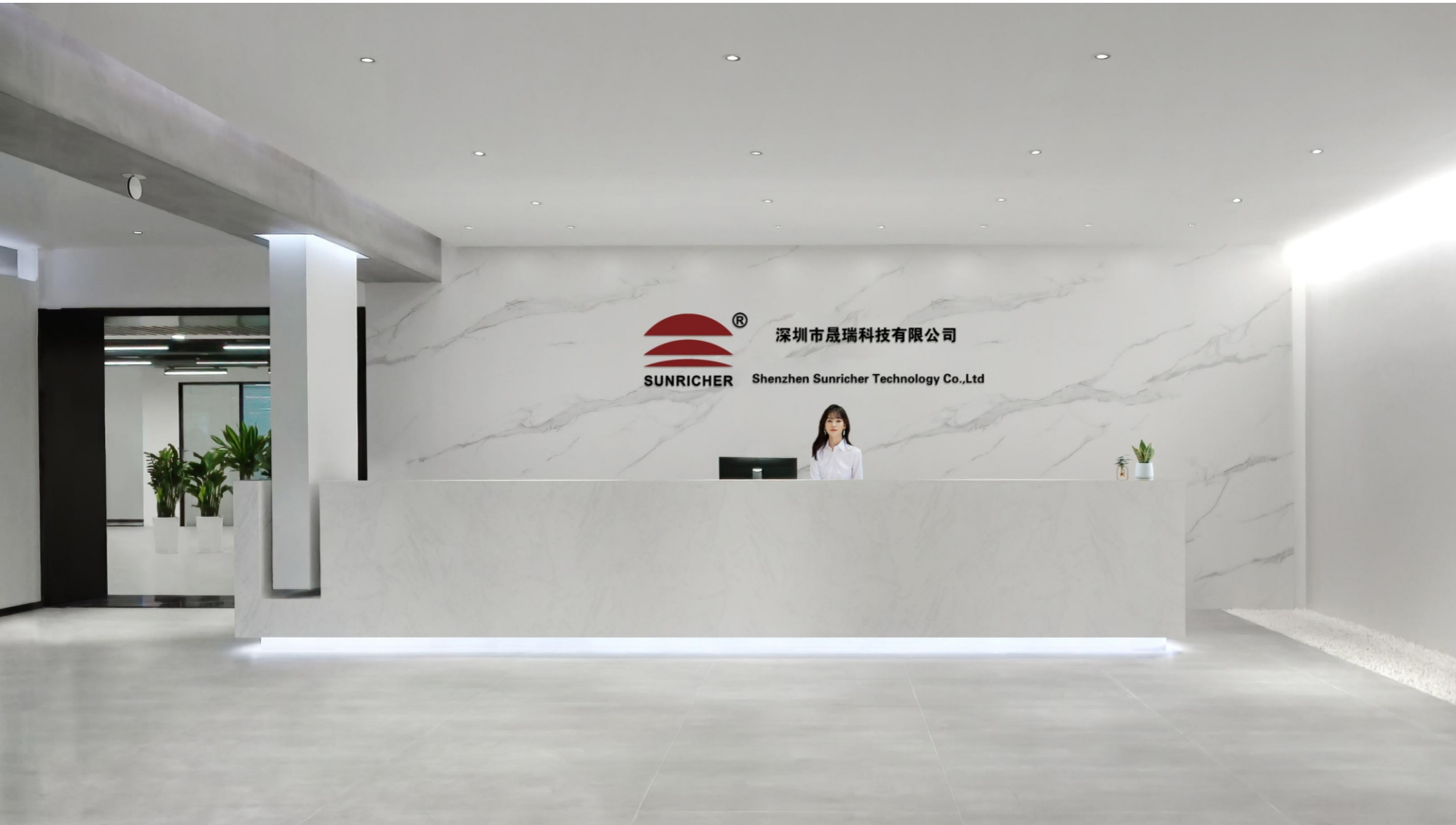


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About Sunricher



Shenzhen Sunricher Technology Co., Ltd. has specialized in wired and wireless lighting control systems for over 20 years. Our innovative, high-quality products serve commercial, industrial, and smart home lighting applications.

As a preferred ODM/OEM partner for leading global brands, we excel in lighting control and IoT technologies, including DALI, DMX512, KNX, Zigbee, Matter, Bluetooth, Wi-Fi, and RF. Sunricher is a member of the DALI Alliance, KNX Association, CSA, Bluetooth SIG, Zhaga Consortium, Thread Group, LoRa Alliance, and IWBI.

We provide:

- Experienced R&D driving innovative designs
- Efficient production with strict quality control
- Prompt after-sales support
- Global certifications:
UL, TUV, CE, ENEC, GS, CCC, RCM, FCC, PSE, RoHS
- Patented designs and certified technologies:
DALI-2, KNX, Zigbee 3.0, Matter, Bluetooth





NEW

SIG Mesh



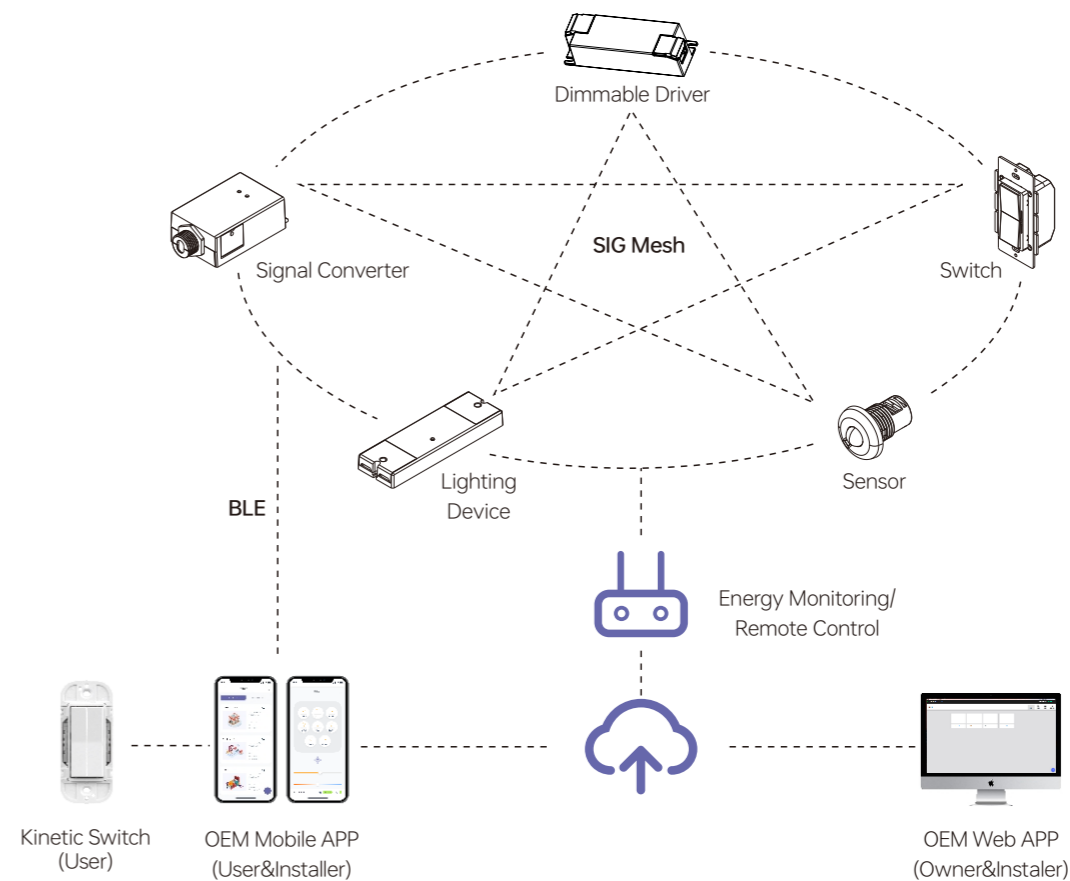
SunSmart

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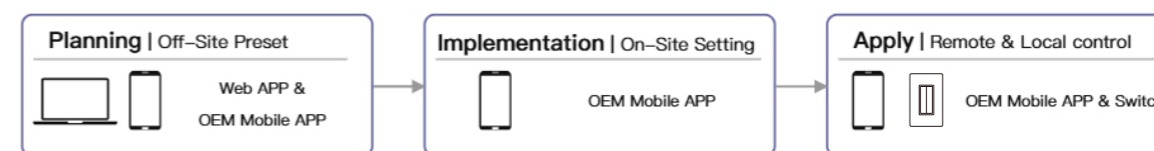
SIG Mesh

System Structure: Commercial & Industrial Lighting Solution

As an innovative wireless lighting control solution, our SIG MESH system is especially suitable for office retrofitting projects and commercial lighting applications.



Project stages



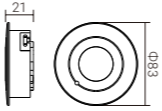

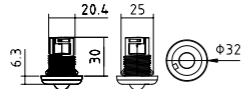


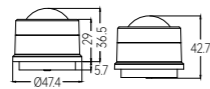



Feature


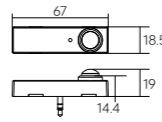
- 
Suitable for small and medium projects
- 
Guided pre-setting and quick configuration
- 
Local setup and control without internet
- 
SIG Mesh 1.1 Protocol
- 
OEM APP customized

BLE PIR Sensor

- > Configurable via the SunSmart app, it is a simple, smart wireless lighting solution for small to medium spaces
- > Support 0-10V output or DALI control
- > BLE sensor controller, PIR sensing with daylight harvesting function
- > Transforming light fixtures into wireless IoT-enabled building intelligence solutions
- > Bluetooth SIG Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > In typical indoor environment, the range for wireless communication is 20m to 30m . Actual range is dependent on field installation
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB






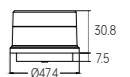
																																												
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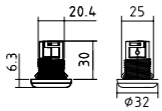


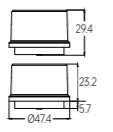

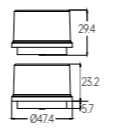
BLE Microwave Sensor

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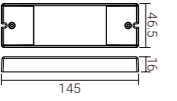
Bluetooth to 0-10V Controller

- > Configurable via the SunSmart app, it is a simple, smart wireless lighting solution for small to medium spaces
- > Transforming light fixtures into wireless IoT-enabled building intelligence solutions
- > Bluetooth to 0-10V or DALI output control
- > Bluetooth SIG Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > In typical indoor environment, the range for wireless communication is 20m to 30m. Actual range is dependent on field installation
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB

						
Model SR-BL9032A-V Input Voltage 12-24Vdc Current 20mA output Cutting Hole Φ 22.2-22.3mm,T0.7mm Application LLLC application, ZHAGA 20 Troffer, Panel, Linear, Wrap lights	Model SR-BL9032A-D Input Voltage DALI BUS Current Max.30mA Current draw Cutting Hole Φ 22.2-22.3mm,T0.7mm Application LLLC application, ZHAGA 20 Troffer, Panel, Linear, Wrap lights	Model SR-BL9035A-V Input Voltage 12-24Vdc Current 20mA output Cutting Hole L(44mm)*W(17mm)*T(0.7mm) Application LLLC application, ZHAGA 20 Troffer, Panel, Linear, Wrap lights	Model SR-BL9033A-V Input Voltage 12-24Vdc Current Draw 20mA Cutting Hole ZHAGA 18 socket Application LLLC application, IP65, Street lights / Low/High-bay	Model SR-BL9033Z-V Input Voltage 12-24Vdc Current 20mA Cutting Hole ZHAGA 18 socket Application LLLC application, IP65, Street lights / Low/High-bay	Model SR-BL9033P-V Input Voltage 12-24Vdc Current Draw 20mA Cutting Hole ZHAGA 18 socket Application LLLC application, IP65, Street lights / Low/High-bay	Model SR-BL9033J-V Input Voltage 12-24Vdc Current Draw 20mA Cutting Hole ZHAGA 18 socket Application LLLC application, IP65, Street lights / Low/High-bay


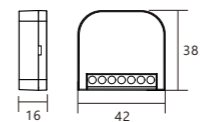
Bluetooth DC-DC Controller

- > Configurable via the SunSmart app, it is a simple, smart wireless lighting solution for small to medium spaces
- > DC-DC Bluetooth SIG Mesh LED Controller
- > Bluetooth SIG Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > In typical indoor environment, the range for wireless communication is 20m to 30m . Actual range is dependent on field installation
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB

	
Model SR-BL9101CS Input Voltage 12-48Vdc Output Current 8A*1CH Output Power 96-288W@12-36Vdc, 192W@48Vdc Application Strip Light	Model SR-BL9101EA-5C Input Voltage 12-48Vdc Output Current 4-8A*5CH Output Power 96-216W/CH Application Strip Light
	
Model SR-BL1029-SS-2PIN Input Voltage 12-24Vdc Output Current 5A*2CH Output Power 60-120W Application Strip Light	Model SR-BL1029-SS-5C Input Voltage 12-24Vdc Output Current 4A*5CH Output Power 48-96W/CH Application Strip Light

Micro Smart Dimmer

- > 100-240VAC Wide Input and Output Voltage
- > 1 Channel Output, Up to 250W
- > Supports resistive loads, capacitive loads or inductive loads
- > Input and Output with Screw Terminals, Safe and Reliable
- > Enables to control ON/OFF and light intensity of connected light source
- > Mini Size, Easy to be Installed into a standard 86*86mm wall box

		Model SR-BL9041-D-PUSH Input Voltage 100-240Vac Output Current 0.1-1.1A max. Output Power 250W max. for Incandescent, 200W max. for LED Wiring Mode L, N or Only L
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Bluetooth to 0-10V Converter

- > Configurable via the SunSmart app, it is a simple, smart wireless lighting solution for small to medium spaces
- > Transforming light fixtures into wireless IoT-enabled building intelligence solutions
- > Bluetooth to 0-10V signal converter, with Relay function
- > Bluetooth SIG Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > In typical outdoor environment, the range for wireless communication is about 65meters. Actual range is dependent on field installation
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > IPEX antenna

Model	SR-BL2421-SVVT(SS)	Model	SR-BL2421-5A-AUX
Input Voltage	100-277Vac	Input Voltage	100-277Vac
Output,0/1-10V	Max.20mA	Output,0/1-10V	Max.20mA
Output,Relay	Max.20A	Output,Relay	Max.5A, 3rd Party sensor:Support, Aux Power:24Vdc, Max.50mA
Interface Socket	1/2" Knockout	Interface Socket	1/2" Knockout
Application	LLLC, ZLLC, Fixture installation, Plugload	Application	LLLC, ZLLC, Fixture installation, Plugload

Self-powered/Battery-powered Push Button

- > Configurable via the SunSmart app, it is a simple, smart wireless lighting solution for small to medium spaces
- > Configuration can be completed after scanning the QR code to bind.
- > BLE protocol, converted to SIG mesh communication after binding proxy node
- > Self-powered/battery-powered
- > The communication range between the switch and the proxy node is up to 15 meters

Model	SR-SBP2801K4-BLE(US)	Model	SR-SBP2801K4-BLE(US)-E
Power Supply	Self powered by built-in nano generator	Power Supply	3VDC, CR2430
Transmission Frequency	2.4GHz	Transmission Frequency	2.4GHz
Fuction	ON/OFF, Dimming, Bind 2 custom scenes	Fuction	ON/OFF, Dimming, Bind 2 custom scenes
Application	Room control, Multiple group control	Application	Room control, Multiple group control