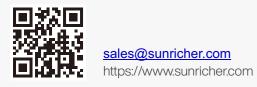
SUNRICHER 2026



Shenzhen Sunricher Technology Co.,Ltd

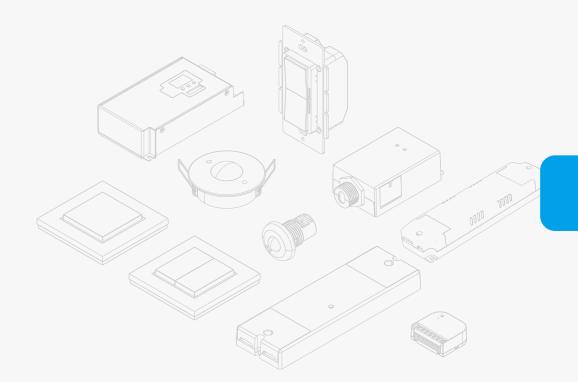
3F&5F,Bldg.E.Qihang Technology Innovation R&D Industrial Park,Shenzhen,China



SILVAIR NLC Bluetooth System

2026

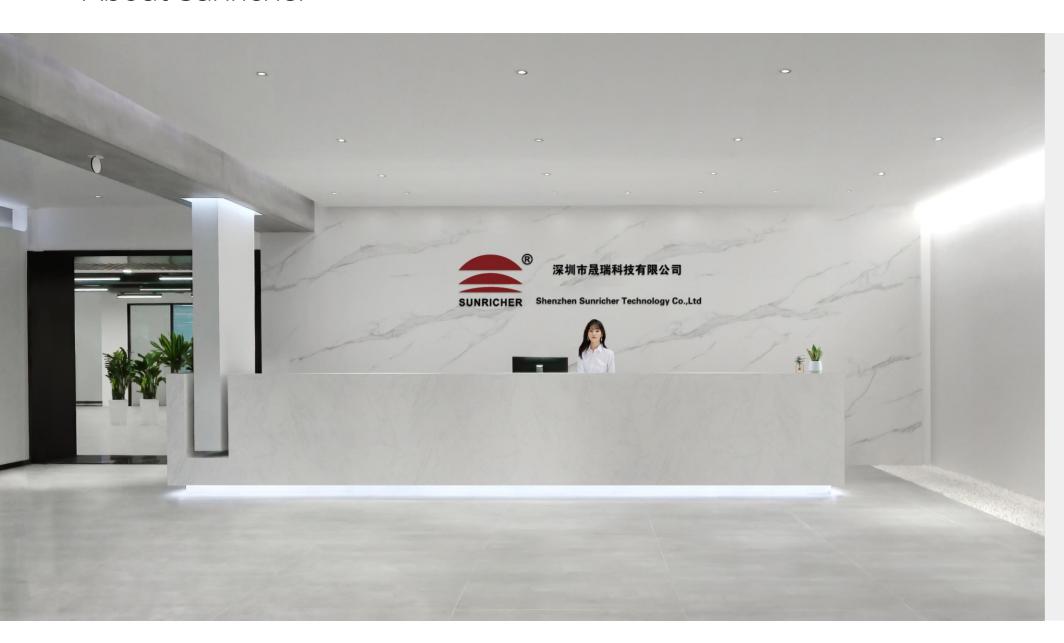
Technology Partner **SILVAIR** Work with Silvair



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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, highquality 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





















System Structure: Commercial & Industrial Lighting Solution

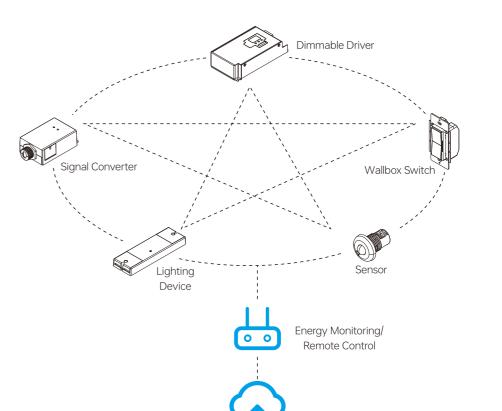
As an innovative wireless lighting control solution, our BLE MESH system is especially suitable for office retrofitting projects and commercial lighting applications.

















Building Owner Lighting Service Company

End User

Project Planning

(co-planning with FAE)

OEM Web APP (Planning stage)



OEM APP(User/Installer) (Planning stage)

Functions



Zone Setting



Device Control



Scheduling



Sensor trigger scenario



SIG Mesh Bluetooth

Technology Partner Work with Silvair SILVAIR

SILVAIR Indoor Sensor

PIR + Light Sensor

- > Bluetooth PIR sensor, Bluetooth® mesh network
- > Radio range: 164 feet (50m) in open field.
- Actual range is dependent on field installation.
- > Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > All devices on line are broadcast controlled by mobile application
- > On-board antenna
- > Waterproof grade: IP20
- > 5 years warranty



SR-SV9032A-PIR-V

12-24Vdc Power 0-10V Signal, Max.20mA. Output

Mounting Height 2.5m Detection Area

Model

Ф5m@2.5m Application LLLC application (Fixture-integrated), ZHAGA 20

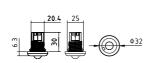
DALI BUS Power Current Draw Max. 30mA Mounting Height 2.5m

Detection Area Ф5m@2.5m

Application

Model

SR-SV9035AJ-PIR-V Model 12-24Vdc 0/1-10V signal Input Current Mounting Height 2.5m Detection Area φ5m at 2.5m height Interface Socket 3.5mm Audio-Jack



*Support ELT Feature

SR-SV9032A-PIR-D *Support ELT Feature

LLLC application (Fixture-integrated), ZHAGA 20



Model SR-SV9035A-PIR-V 12-24Vdc Power Input Current

Mounting Height 2.5m Detection Area Φ5m@2.5m

Application

Max. 30mA

LLLC application (Fixture-integrated), ZHAGA 20

Model Power

SR-SV9035A-PIR-D DALI BUS

Max. 30mA Input Current Mounting Height 2.5m Detection Area Φ5m@2.5m

Application

LLLC application (Fixture-integrated), ZHAGA 20



Model SR-SV9030D-PIR-D Powered by DALI Power

Output BUS DALI BUS Mounting Height Max. 6m. Typical 3m. Detection Area φ10m@3m height.

Application ZLLC application (Zone level / Office / Meeting room...)

*Support ELT Feature Model SR-SV9030D-PIR-10AD 220-240Vac Power

DALI:Max.80mA; Relay:Max.10A Output

Mounting Height Max. 6m. Typical 3m. Detection Area φ10m@3m height.

Application

ZLLC application (Zone level / Office / Meeting room...)

Technology Partner SILVAIR Work with Silvair

Bluetooth SIG Mesh

SILVAIR Indoor Sensor



Power

Model

Power

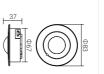
Output

Detection Area

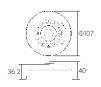
Input Current

Detection Area

Mounting Height 2.5m







SR-SV9030A-PIR-V 12-24Vdc Max. 30mA Ф5m@2.5m

Application LLLC application (Fixture-integrated)

DALI BUS powered

LB: φ10m@3m height.

Mounting Height LB: Max. 6m. Typical 3m. HB: Max. 12m. Typical 12m

DALI Signal

Model Power Output

Application

Power

SR-SV9030B-PIR-HBV SR-SV9030B-PIR-LBV 120-277Vac 0-10V Signal, Max.20mA. 5A relay

Mounting Height LB: Max. 6m. Typical 3m. HB: Max. 12m. Typical 12m Detection Area LB: φ10m@3m height. HB: φ24m@12m height ZLLC application (Zone level / Office / Meeting room...)







SR-SV9030B-PIR-10AD 120-277Vac

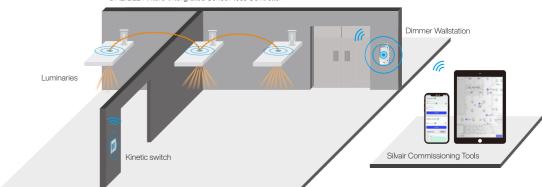
DALI: Max.80mA DALI bus, Relay:Max.10A Output

Mounting Height LB: Max. 6m. Typical 3m. HB: Max. 12m. Typical 12m LB: ϕ 10m@3m height. HB: ϕ 24m@12m height Application ZLLC application (Zone level / Office / Meeting room...)



ZLLC application (Zone level / Office / Meeting room...)

HB: ϕ 24m@12m height





1. Power up the sensor. The load should come on immediately.



2. Vacate the room or remain very still and wait for the load to switch off.



3. Enter the room or make some movement and check that the load switches on.



Silvair Commissioning Tools

www.sunricher.com





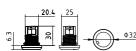


SILVAIR Indoor Sensor

Microwave + Light Sensor

- > Bluetooth to 0-10V signal converter, Bluetooth® mesh network.
- > Built-in 20mA 0-10V signal output.
- > Mesh network, which has a much longer control distance, transmits received signals to neighboring devices.
- > All devices on 0-10V line are broadcast controlled by mobile application.
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > Radio range: 164 feet (50m) in open field. Actual range is dependent on field installation.
- > Standby power consumption less than 0.5W, meet latest ERP regulation.
- > On-board antenna. > Waterproof grade: IP20
- > 5 years warranty







Model

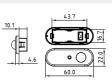
Input Current

Detection Area

Application

Mounting Height 3m





Model SR-SV9032A-MW-V 12-24Vdc Power Input Current Max. 30mA Mounting Height 3m Detection Area Ф10m@2.5m Application

LLLC application (Fixture-integrated), ZHAGA 20

Model SR-SV9035A-MW-V 12-24Vdc Power Max. 30mA Input Current Mounting Height 2.5m Detection Area

Φ5m@2.5m

Application

SR-SV9030A-MW-V

12-24Vdc

Max. 30mA

Ф12m@2.5m

ZLLC application

LLLC application (Fixture-integrated), ZHAGA 20

0-10V BLE Fixture-integrated 24G Presence Sensor



- > Bluetooth to 0-10V signal MW sensor controller, Bluetooth® mesh network
- > Built-in 0-10V signal output
- > Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > All devices on 0-10V line are broadcast controlled by mobile application
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > In typical indoor environment, the typical range for wireless communication is 20m to 25m. Actual range is dependent on field installation.
- > Standby power consumption less than 0.5W,meet latest ERP regulation
- > Support sensitivity adjustment, Mesh Network, a better method to deal with false trigger
- > Available with Magnetic reset (Touch the top part of sensor for 5 seconds) and manual reset
- > On-board antenna
- > Waterproof grade: IP20
- > 5 years warranty



Model SR-SV9034L-24G-V 12-24Vdc Power Max. 30mA Input Current Mounting Height 2-4m Ф10m @ 2.5m Detection Area

Technology Partner SILVAIR Work with Silvair



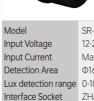
SILVAIR Outdoor Sensor

PIR / Microwave + Light Sensor



- > Bluetooth to 0-10V sensor controller, Bluetooth® mesh network
- > Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > All devices on 0-10V line are broadcast controlled by mobile application
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > Autonomous sensor-based control
- > On-board antenna
- > Waterproof grade: IP65, suitable for outdoor luminaries
- > 5 years warranty





Application

Output









Lux detection range 0-1000LUX, daylight harvesting 0-1000LUX, daylight harvesting Unique 0-1000LUX, daylight harvesting 0-10 Cutting Hole 3-Pin socket LLLC application, Street lights / Low / High-bay

12-24Vdc

SR-SV9033P-PIR-V

Φ16m@12m mounted height

SR-SV9033A-PIR-D-BUS

Φ16m@12m mounted height

LLLC application, Street lights / Low / High-bay

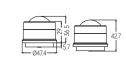
DALI bus powered

DALI signal

Lux detection range 0-1000LUX, daylight harvesting

Z-10 socket

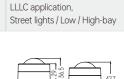
Max. 30mAMax.



SR-SV9033J-PIR-V

12-24Vdc

30mA



Φ16m@12m mounted height

3.5mm Audio-Jack socket



SR-SV9033A-PIR-D Input Voltage 12-24Vdc DALI Signal

Φ16m@12m mounted height Detection Area Lux detection range 0-1000LUX, daylight harvesting Interface Socket ZHAGA 18 socket

LLLC application, Street lights / Low / High-bay Application

Application



Model

Output

Input Voltage

Detection Area

Interface Socket





Model Input Voltage Input Current Detection Area Interface Socket Application

SR-SV9033A-MW-V 12-24Vdc Max. 30mA Lux detection range 0-1000LUX, daylight harvesting ZHAGA 18 socket

Φ16m@12m mounted height LLLC application,

SR-SV9033Z-MW-V 12-24Vdc Max. 30mA Φ16m@12m mounted height 0-1000LUX, daylight harvesting Lux detection range Z-10 socket LLLC application, Street lights / Low / High-bay Street lights / Low / High-bay

Model Input Voltage Input Current Detection Area **Cutting Hole** Application

SR-SV9033P-MW-V 12-24Vdc Max. 30mA 3-Pin socket LLLC application,

12-24Vdc Max 30mA Φ16m@12m mounted height Φ16m@12m mounted height 0-1000LUX, daylight harvesting 0-1000LUX, daylight harvesting 3.5mm Audio-Jack socket LLLC application, Street lights / Low / High-bay Street lights / Low / High-bay

SR-SV9033J-MW-V





















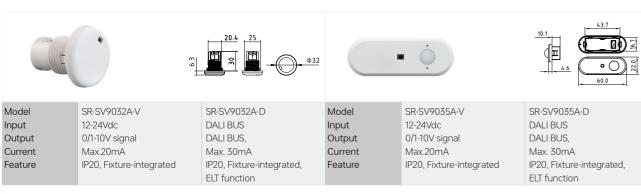




SILVAIR Controller

BLE 0-10V Sensor-less Controller

- > Bluetooth to 0-10V/DALI sensor controller, Bluetooth® mesh network
- > Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > All devices on DALI line are broadcast controlled by mobile application
- > Supports our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > On-board antenna
- > 5 years warranty







Model SR-SV9033A-V 12-24Vdc Input 0/1-10V Signal Output Max.20mA Control 0-10V IP65, ZHAGA 18 Feature

SR-SV9033A-D-BUS Model DALI BUS Input Max. 30mA Output Control DALI-2 IP65, ZHAGA 18





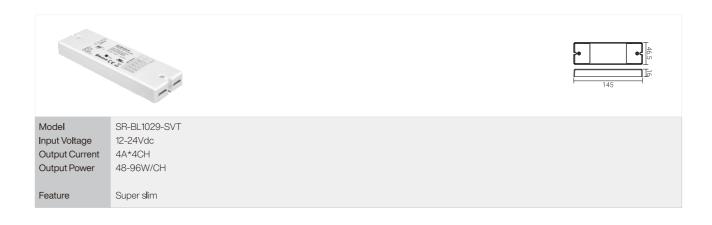


SILVAIR Controller

SILVAIR Converter

SIG Mesh LED DC Controller

- > Bluetooth® mesh LED controller. Max.power 48-96W per channel
- > Enables to control ON/OFF, light intensity, tunable white type of LED fixtures
- > Controlled through Silvair Commissioning tools
- > Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > In typical indoor environment, the typical range for wireless communication is 20m to 25m.Actual range is dependent on field installation
- > On-board antenna
- > Over-temperature/Over-load/Over-voltage/Short-circuit protection



SIG Mesh to Phase Dimmer

- > Bluetooth phase load dimmer
- > Standard 1/2" knockout design, easy to integrated to a junction box
- > Built-in IoT/Sensor application interface, Max. 100mA@12V
- > Work with our BLE to 0-10V load dimmer to realize more convenient and flexible control
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > UL listed. Category: PAZX (Management Equipment, Energy). UL 2043 Plenum Rated
- > External antenna, typical mesh range is over 30meters.
- > Support reverse edge(trailing edge) type driver
- > Bluetooth® qualified. Bluetooth DID:D061817
- > Waterproof grade: IP20
- > 5 years warranty



Model Input voltage Output Application

SR-SV2421-TR5-AUX 100-277Vac

Aux. Power 12V, Max. 100mA; Phase load.Max. 2.1A Retrofit. Turn traditional ELV/ Triac dimming system into wireless world.







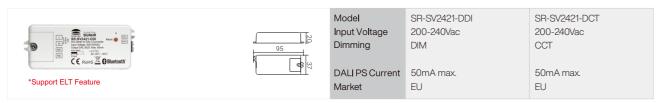




SILVAIR Converter

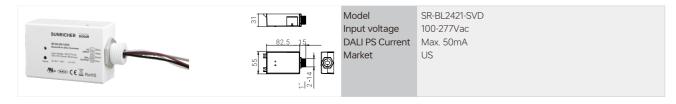
SIG Mesh to DALI Converter

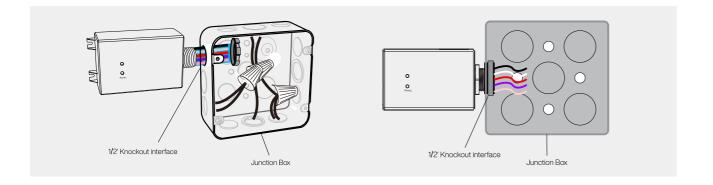
- > Bluetooth to DALI signal converter, Bluetooth® mesh network
- > Built-in DALI bus power supply,no additional DALI bus PS required
- > Max.50mA DAL bus power current output, can control up to 25 DALI control gears
- > All devices on DALI line are broadcast controlled by Silvair Commissioning tools
- > Mesh network, which has a much longer control distance, transmits received signals to neighbor devices
- > All device on DALI line are broadcast controlled by mobile application
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > In typical outdoor environment, the range for wireless communication is about 20meters. Actual range is dependent on field installation.



SIG Mesh to DALI Converter

- > Bluetooth to DALI signal converter, Bluetooth® mesh network
- > Built-in DALI bus power supply,no additional DALI bus PS required
- > Max.50mA DALI bus power current output, can control up to 25 DALI control gears
- > All devices on DALI line are broadcast controlled by Silvair Commissioning tools
- > Mesh network, which has a much longer control distance, transmits received signals to neighbor devices
- > All device on DALI line are broadcast controlled by mobile application
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > In typical outdoor environment, the range for wireless communication is about 65meters. Actual range is dependent on field installation
- > IPEX antenna





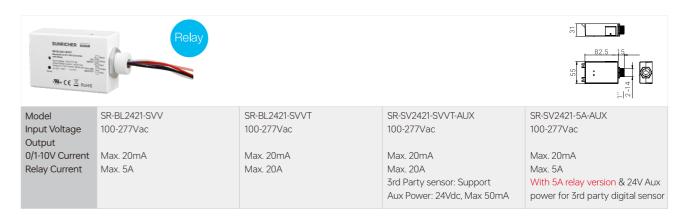




SILVAIR Converter

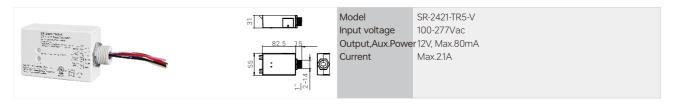
SIG Mesh to 0/1-10V Converter

- > Bluetooth to 0-10V signal converter, Bluetooth® mesh network
- > All devices on 0-10V line are broadcast controlled by Silvair Commissioning tools
- > Supporting Sunricher kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > In typical outdoor environment, the range for wireless communication is about 65meters. Actual range is dependent on field installation.
- > Mesh network
- > IPEX antenna



0-10V to Phase Load Dimmer with 12VAuxOutput

- > 0-10V to Phase load dimmer, signal converter
- > Standard 1/2" knockout design, easy to integrated to a junction box
- > Built-in 0/1-10V interface
- > Compatible with universal 0/1-10V signal
- > Integrated 12V Aux power supply output enables users to connect sensors and IoT applications.
- > Work with our BLE to 0-10V load dimmer to realize more convenient and flexible control
- > Support reverse edge(trialing edge) type driver
- > UL listed. Category: PAZX (Management Equipment, Energy). UL 2043 Plenum Rated
- > Waterproof grade: IP20
- > 5 years warranty







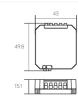


SILVAIR Push Button

BLE Push-Button Coupler

- > Bluetooth push-button coupler, Bluetooth® mesh network
- > Easily integrated with existing push switches
- > Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > In typical indoor environment, the typical range for wireless communication is 20m to 25m. Actual range is dependent on field installation.
- > On-board antenna
- > Waterproof grade: IP 20
- > 5 years warranty





Connector Type Wire Size

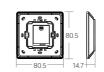
SR-SB2833PAC-BLE 100-240VAC, 50/60Hz Transmission Range 10-30m (typical) Power Consumption Less than 0.5W Number of Push Buttons 4 Push-In

0.2 - 1.5mm2 (AWG28 - AWG14)

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 25 meters





Model SR-SBP2801K4-BLE Power Supply

Function

Application

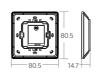
Self powered by built-in nano generator Transmission Frequency 2 4GHz

ON/OFF, Dimming, Bind 2 custom scenes Room control, Multiple group control

SR-SBP2801K4-BLE-E Model Power Supply 3Vdc,CR2430 Transmission Frequency 2.4GHz

Function ON/OFF, Dimming, Bind 2 custom scenes Application Room control, Multiple group control





SR-SBP2801K2-BLE

Power Supply Self powered by built-in nano generator

Function For DIM lighting control, 2-gang switch remote control

Application Room control, Multiple group control

Technology Partner SILVAIR Work with Silvair



SILVAIR Push Button

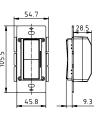
Bluetooth Wall-Mounted Dimmer

- > Bluetooth® mesh network
- > All devices on line are broadcast controlled by mobile application or push button
- > Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- > In typical indoor environment, the typical range for wireless communication is 50m to 65m. Actual range is dependent on field installation
- > IPEX antenna
- > Standard switch element that can match with different frames
- > Operation voltage: 100-277Vac



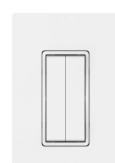
SR-SV2835PAC-V(US) Bluetooth to 0/1-10V

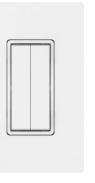


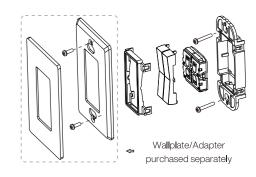


Self-powered/Battery-powered Keypad

- > Wall remote based on Bluetooth® Mesh network
- > Easy & quick pairing through "Silvair mobile app"
- > Mesh network for further control distance, receivers can transmit signal to each other
- > On-board antenna



















SR-SBP2801K2-BLE(US) SR-SBP2801K4-BLE(US)







13

Work with Silvair SILVAIR



SILVAIR Driver

SILVAIR NFC Dimmable Driver



Product Features

- > Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- > High PF, High efficiency, low THD
- > Minimum current can be set to 0.1mA(step accuracy)
- > EL(emergency mode)

- > Push-Dim
- > ±1% current accuracy, world-leading
- > Flicker free, no fear of any camera shooting/recording
- > Dimming depth of 1/1000
- > Global high-end certifications(CCC/TUV ENEC/RCM/CE...)

Standalone Application

Suitable for spotlights, downlights, panel lights, and other lights using external drivers.

















Product Model NEW	Product Picture	Input Voltage VAC/VDC	Output Voltage VDC	Output Current mA	Channel CH	Output Power W	Power Factor	Efficiency	Dimension mm
SRP-SV9105N-12CC100-700	2	220-240	6-42	100-700	1	12	>0.97	80%	135*35*20
SRP-SV9105N-12CCT100-700	2	220-240	6-42	100-700	2	12	>0.97	80%	135*35*20
SRP-SV9105N-15CC100-700	2	220-240	6-42	100-700	1	15	>0.97	82%	135*35*20
SRP-SV9105N-15CCT100-700	2	220-240	6-42	100-700	2	15	>0.97	82%	135*35*20
SRP-SV9105N-25CC250-700	3	220-240	6-54	250-700	1	25	>0.97	85%	120*41*28
SRP-SV9105N-25CCT250-700	3	220-240	6-54	250-700	2	25	>0.97	85%	120*41*28
SRP-SV9105N-36CC350-1050	4	220-240	6-54	350-1050	1	36	>0.95	86%	145*45*30
SRP-SV9105N-36CCT350-1050	4	220-240	6-54	350-1050	2	36	>0.95	86%	145*45*30
SRP-SV9105N-45CC500-1400	4	220-240	6-54	500-1400	1	45	>0.98	89%	145*45*30
SRP-SV9105N-45CCT500-1400	4	220-240	6-54	500-1400	2	45	>0.98	89%	145*45*30
SRP-SV9105N-65CC500-1500	5	220-240	6-54	500-1500	1	65	>0.98	90%	124*78.8*30
SRP-SV9105N-65CCT500-1500	5	220-240	6-54	500-1500	2	65	>0.98	90%	124*78.8*30





SILVAIR Driver

Constant Voltage Dimmable Driver

Product Features

- > PWM dimming output, dimming depth lower to 0.1%
- > Standby power consumption < 0.5W, meeting the latest ERP standard
- > Short circuit, overload, and over temperature protection



Product Model	Input Voltage VAC	Output Voltage VDC	Output Current A	Channel CH	Output Power W	Power Factor	Efficiency	Dimension mm
SRP-SV9105-24-75LCV	220-240	24	3.12	1	75	>0.95	89%	306.6*43*30
SRP-SV9105-24-75LCVT	220-240	24	3.12	2	75	>0.95	89%	306.6*43*30
SRP-SV9105-24-100LCV	220-240	24	4.16	1	100	>0.97	93%	306.6*43*30
SRP-SV9105-24-150LCV	220-240	24	6.25	1	150	>0.98	93%	365.6*43*30
SRP-SV9105-24-100LCVT	220-240	24	4.16	2	100	>0.97	93%	306.6*43*30
SRP-SV9105-24-150LCVT	220-240	24	6.25	2	150	>0.98	93%	365.6*43*30



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