CASAMBI
Lighting Control
2026

CASAMBI

CONTENTS

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:
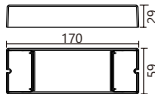 DALI-2, KNX, Zigbee 3.0, Matter, Bluetooth

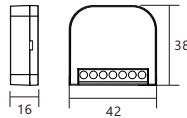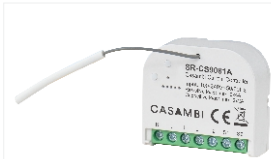# CASAMBI

CASAMBI LED Controller

▌ LED Controller `NEW`

> RGB+CCT LED controller
> Casambi bluetooth, 2.4GHz radio frequency
> Enables to control ON/OFF, light intensity, color temperature, RGB color of connected LED lights
> Radio range: 164 feet (50m) in open field. Actual range is dependent on field installation.
> Compatible with universal Casambi wall switches and remotes
> Waterproof grade: IP20

Model	SR-CS9101EA-5C
Input Voltage	12-48Vdc
Current Consumption	Max. 8A/CH@12V/24V, Max. 6A/CH@36V, Max. 4A/CH@48V
	Max. 96W/CH@12V, Max. 192W/CH@24V,
	Max. 216W/CH@36V, Max. 192W/CH@48V
Feature	5 channels, push

▌ Casambi Mini In Wall Curtain Motor Controller `NEW`

> Casambi curtain motor controller, works with Casambi network
> Full support for various curtain types: roller blinds, shutter blinds, drapes, etc.
> 2 push button inputs can be configured to control Casambi network wirelessly
> Typical mesh range is over 50 meters line of sight for indoor environment
> Configured and controlled by Casambi app
> Mini size, easy to installed into a standard wall box
> Waterproof grade: IP20

Model	SR-CS9081A
Input Voltage	100-240Vac
Output Voltage	100-240Vac
Max. Load Current	Inductive load: 2A

Casambi NFC Dimmable Driver

SVM <0.01   PstLM <0.02   NFC

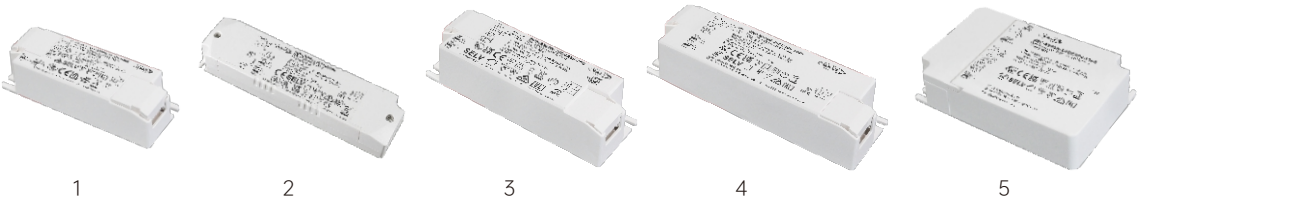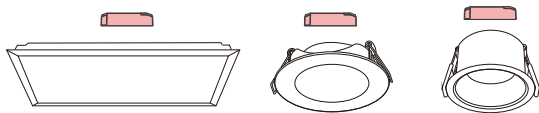### Product Features

> 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

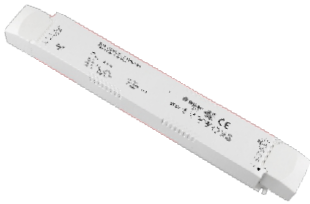Suitable for spotlights, downlights, panel lights, and other lights using external drivers.

1   2   3   4   5

Product Model	Product Picture	Input Voltage VAC/VDC	Output Voltage VDC	Output Current mA	Channel CH	Output Power W	Power Factor	Efficiency	Dimension mm
SRP-CA9105N-12CC100-700	2	220-240	6-42	100-700	1	12	>0.97	80%	135*35*20
SRP-CA9105N-12CCT100-700	2	220-240	6-42	100-700	2	12	>0.97	80%	135*35*20
SRP-CA9105N-15CC100-700	2	220-240	6-42	100-700	1	15	>0.97	82%	135*35*20
SRP-CA9105N-15CCT100-700	2	220-240	6-42	100-700	2	15	>0.97	82%	135*35*20
SRP-CA9105N-25CC250-700	3	220-240	6-54	250-700	1	25	>0.97	85%	120*41*28
SRP-CA9105N-25CCT250-700	3	220-240	6-54	250-700	2	25	>0.97	85%	120*41*28
SRP-CA9105N-36CC350-1050	4	220-240	6-54	350-1050	1	36	>0.95	86%	145*45*30
SRP-CA9105N-36CCT350-1050	4	220-240	6-54	350-1050	2	36	>0.95	86%	145*45*30
SRP-CA9105N-45CC500-1400	4	220-240	6-54	500-1400	1	45	>0.98	89%	145*45*30
SRP-CA9105N-45CCT500-1400	4	220-240	6-54	500-1400	2	45	>0.98	89%	145*45*30
SRP-CA9105N-65CC500-1500	5	220-240	6-54	500-1500	1	65	>0.98	90%	124*78.8*30
SRP-CA9105N-65CCT500-1500	5	220-240	6-54	500-1500	2	65	>0.98	90%	124*78.8*30

Constant Voltage Dimmable Driver
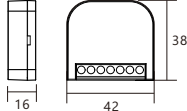
Product Features

> Standard CASAMBI dimmable driver
> 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-CS9105-24-75LCV	220-240	24	3.12	1	75	>0.95	89%	306.6*43*30
SRP-CS9105-24-100LCV	220-240	24	4.16	1	100	>0.97	93%	306.6*43*30
SRP-CS9105-24-150LCV	220-240	24	6.25	1	150	>0.98	93%	365.6*43*30
SRP-CS9105-24-75LCVT	220-240	24	3.12	2	75	>0.95	89%	306.6*43*30
SRP-CS9105-24-100LCVT	220-240	24	4.16	2	100	>0.97	93%	306.6*43*30
SRP-CS9105-24-150LCVT	220-240	24	6.25	2	150	>0.98	93%	365.6*43*30

CASAMBI

CASAMBI Relay

Smart Relay Module `NEW`

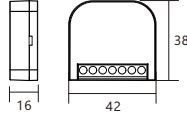| Model	SR-CS9041A-R	Model	SR-CS9041A-2R
Input Voltage	100-240Vac	Input Voltage	100-240Vac
Resistive Load	Max. 4.3A	Resistive Load	4A/CH max. ,Total 4A max.
LEDi Load	Max. 1.7A	LEDi Load	2A/CH max., Total 4A max.
Feature	Smart Relay	Feature	2CH Relay Module

4 Channels DIN Rail Casambi Relay `NEW`

> Casambi relay module
> 4 channels relay module, control of 4 standard contactors
> Casambi device with 4 endpoints which can be controlled separately
> Typical mesh range is over 50 meters line of sight for indoor environment
> The relay can be controlled by Casambi app, remotes, wall switches, kinetic switches, the buttons can control Casambi network wirelessly
> With zero crossing detection, the relay switching life cycle greatly increased
> DIN rail installation, compatible with standard 35mm DIN rail
> Waterproof grade: IP20
> 5 years warranty

Model	SR-CSRM16-DIN4
Input Voltage	100-240Vac
Output, relay	Switching voltage AC: Max. 250V, Switching voltage DC: Max. 30V, Current: Max. 4*16A
Type Of Contact	4 normally closed

CASAMBI Phase Dimmer   Casambi Push Button Coupler

Mini In Wall Smart Dimmer `NEW`
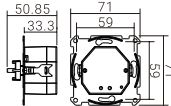
> 100-240VAC Wide Input and Output Voltage
> 1 Channel Output, Up to 250W
> Input and Output with Screw Terminals, Safe and Reliable

> Supports resistive loads, capacitive loads or inductive loads
> Enables to control ON/OFF and light intensity of connected light source
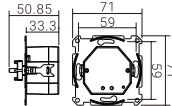> Mini Size, Easy to be Installed into a standard 86*86mm wall box

Model	SR-CS9041A-D
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

Wall-Mounted Phase Dimmer `NEW`

> 100-240VAC wide input and output voltage, can work under no neutral wiring and with neutral wiring, self-adaptive
> Supports resistive loads, capacitive loads or inductive loads
> Enables to set minimum brightness and startup brightness
> 1 channel output, up to 500W
> Enables to control ON/OFF and light intensity of connected light source
> Can be controlled by Casambi App, Casambi remote and local rotary knob
> With push switch input, can be controlled by universal AC push switches
> Standard size, can be compatible with existing EU standard frames, and installed into standard size wall box
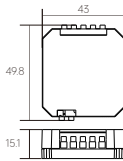> Radio Frequency : 2.4GHz
> Waterproof grade: IP20

Model	SR-CS2835RAC-S-A	Model	SR-CS2835RAC-S-B
Input Voltage	100-240Vac	Input Voltage	100-240Vac
Output Voltage	100-240Vac	Output Voltage	100-240Vac
Output Current	2.2A max.	Output Current	2.2A max.
Feature	With Plastic Frame: 83.8x83.8x47.1mm	Feature	With Glass Frame: 80x80x53mm

4 Dry Contact Inputs Casambi Push Button Coupler `NEW`

> 4 dry contacts, can connect to 4 push buttons
> Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
> The range for wireless communication is about 50 meters in typical indoor environment, actual range is dependent on field installation
> Button function can be freely configured by Casambi app to control a luminaire, a group, an element, a scene, whole network, etc
> Waterproof grade: IP20
> 5 years warranty

Model	SR-CS2833PAC
Input voltage	100-240Vac
Feature	4 dry contacts, can connect to 4 push buttons

CASAMBI Wall Dimmer

Smart Desk/Wall Dimmer (Push+Rotary Knob) NEW

This is an incredibly straightforward and convenient remote control. It's equipped with a combination of five physical buttons and a rotary knob. Available in three versions - single color, CCT and RGB - this remote control is designed for direct handheld use. Additionally, it offers two mounting options: tabletop or wall installation. Whether held in your hand, placed on a tabletop, or affixed to a wall, this remote control exudes elegance and is remarkably user-friendly requiring no complex installation, making it quick and easy to use.

> Enables to control single color/CCT/RGB/RGBW/RGB+CCT lighting device
> Enables to bind with Casambi light device through Casambi app
> Can be configured through Casambi app to control luminaires, groups, scenes etc
> Battery powered remote with low power consumption
> Radio range: 164 feet (50m) in open field. Actual range is dependent on field installation.

Change brightness or color temperature or RGB colorsthrough rotary, smooth and stable

Long battery lifespan, easy to replace battery

SR-CS2836D5-RGBW   SR-CS2836D5-RGBW-EU   SR-CS2836D5-RGBW-US

RGBW touch keypad NEW

> Full touch glass interface, smooth RGB color and light intensity control
> Casambi bluetooth, 2.4GHz radio frequency
> Enables to control single color/CCT/RGB/RGBW/RGB+CCT lighting device
> Enables to bind with Casambi light device through Casambi app
> Can be configured through Casambi app to control luminaires, groups, scenes etc
> Radio range: 164 feet (50m) in open field. Actual range is dependent on field installation.
> Input Voltage: 100-240VAC
> Size: 86x86x29.1mm

SR-CS2820N
EU size, 4 zones

Casambi Touch Switch + DMX512 Master Controller 2 in 1 NEW

> The touch panel is a master controller designed to control the DMX decoders.
> It enables to configure max. 16 groups or zones with max. 8 scenes, 24 time schedules and 8 cycle schedules configured to each group.
> The panel supports 5 different types of DMX load & Casambi luminaire: Dim, CCT, RGB, RGBW, RGB+CCT.
> DMX512 control mode and Casambi control mode can be selected by long pressing the on/off button.
> The touch panel is also a wireless Casambi wall switch to control Casambi network wirelessly.
> 8 buttons can be configured through Casambi app to bind luminaires, groups, scenes, etc.
> It can control 512 DMX channels.
> 5 years warranty

SR-CS2847

CASAMBI Remote

RGBW Remote NEW

> Enables to control RGB, RGBW and RGB+CCT lighting devices
> High sensitive & high stable touch color wheel, fast & precise color control
> Battery powered remote with low power consumption
> Casambi bluetooth, 2.4GHz radio frequency
> Radio range: 164 feet (50m) in open field. Actual range is dependent on field installation.
> Compatible with universal RGBW and RGB+CCT Casambi lighting devices
> Battery: AAAx3; Size: 120x55x17mm
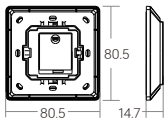
SR-CS2819S-RGB
4 zones, 3 scenes

CCT Remote NEW

> Casambi CCT remote
> Enables to control Casambi CCT lighting devices
> Battery powered remote with low power consumption
> Can be configured and controlled by Casambi app
> Mesh network, typical mesh range is over 50 meters line of sight for indoor environment
> 2.4 GHz global operation
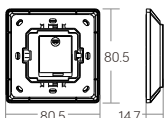> Compatible with universal Casambi products

SR-CS2833CCT
6 zones

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

Model	SR-SBP2801K2-BLE
Power Supply	Self powered by built-in nano generator
Transmission Frequency	2.4GHz
Fuction	ON/OFF, For DIM lighting control, Bind 2 custom scenes
Application	Room control, Multiple group control

CASAMBI Indoor Sensor

PIR + Light Sensor

> Bluetooth PIR sensor, Bluetooth® mesh network
> Radio range: 164 feet (50m) in open field.
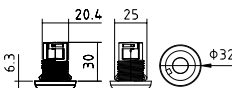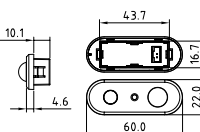 Actual range is dependent on field installation.
> Mesh network, which has a much longer control distance,
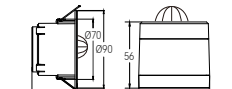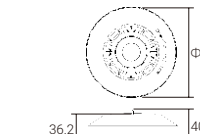 transmits received signals to neighboring devices
> All devices on line are broadcast controlled by mobile application

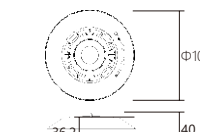> Supporting our kinetic energy switches and EnOcean switches
  EWSSB and EWSDB
> On-board antenna
> Waterproof grade: IP20
> 5 years warranty

Model	SR-CS9032A-PIR-V	SR-CS9032A-PIR-D	Model	SR-CS9035A-PIR-V	SR-CS9035A-PIR-D
Power	12-24Vdc	DALI BUS	Power	12-24Vdc	DALI BUS
Output	0-10V Signal, Max.20mA.	Max. 30mA	Current Draw	Max. 30mA	Max. 30mA
Mounting Height	2.5m	2.5m	Mounting Height	2.5m	2.5m
Detection Area	Φ5m@2.5m	Φ5m@2.5m	Detection Area	Φ5m@2.5m	Φ5m@2.5m
Application	LLLC application (Fixture-integrated), ZHAGA 20	LLLC application (Fixture-integrated), ZHAGA 20	Application	LLLC application (Fixture-integrated), ZHAGA 20	LLLC application (Fixture-integrated), ZHAGA 20

NEW

NEW

Model	SR-CS9030D-PIR-D	SR-CS9030D-PIR-10AD	Model	SR-CS9030B-PIR-HBV SR-CS9030B-PIR-LBV
Power	Powered by DALI	220-240Vac	Power	120-277Vac
Output	BUS DALI BUS	DALI:Max.80mA; Relay:Max.10A	Output	0-10V Signal, Max.20mA. 5A relay
Mounting Height	Max. 6m. Typical 3m.	Max. 6m. Typical 3m.	Mounting Height	LB: Max. 6m. Typical 3m. HB: Max. 12m. Typical 12m
Detection Area	φ10m@3m height.	φ10m@3m height.	Detection Area	LB: φ10m@3m height. HB: φ24m@12m height
Application	ZLLC application (Zone level / Office / Meeting room...)	ZLLC application (Zone level / Office / Meeting room...)	Application	ZLLC application (Zone level / Office / Meeting room...)

NEW

Model	SR-CS9030B-PIR-D	Model	SR-CS9030B-PIR-10AD
Power	DALI BUS powered	Power	120-277Vac
Output	DALI Signal	Output	DALI: Max.80mA DALI bus, Relay:Max.10A
Mounting Height	LB: Max. 6m. Typical 3m. HB: Max. 12m. Typical 12m	Mounting Height	LB: Max. 6m. Typical 3m. HB: Max. 12m. Typical 12m
Detection Area	LB: φ10m@3m height. HB: φ24m@12m height	Detection Area	LB: φ10m@3m height. HB: φ24m@12m height
Application	ZLLC application (Zone level / Office / Meeting room...)	Application	ZLLC application (Zone level / Office / Meeting room...)

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.
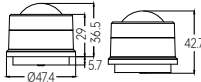> On-board antenna.
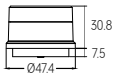> Waterproof grade: IP20
> 5 years warranty

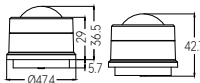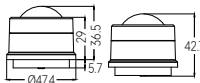| Model	SR-CS9032A-MW-V
Power	12-24Vdc
Input Current	Max. 30mA
Mounting Height	3m
Detection Area	Φ10m@2.5m
Application	LLLC application (Fixture-integrated), ZHAGA 20

CASAMBI Outdoor Sensor

| PIR / Microwave + Light Sensor `NEW`

> 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

Model	SR-CS9033A-PIR-V	Model	SR-CS9033A-MW-V
Input Voltage	12-24Vdc	Input Voltage	12-24Vdc
Input Current	Max. 30mA	Input Current	Max. 30mA
Detection Area	Φ16m@12m mounted height	Detection Area	Φ16m@12m mounted height
Lux detection range	0-1000LUX, daylight harvesting	Lux detection range	0-1000LUX, daylight harvesting
Interface Socket	ZHAGA 18 socket	Interface Socket	ZHAGA 18 socket
Application	LLLC application	Application	LLLC application,
	Street lights / Low / High-bay		Street lights / Low / High-bay

| PIR + Light Sensor `NEW`

> Bluetooth to 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 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

Model	SR-CS9033A-PIR-D	Model	SR-CS9033A-PIR-D-Bus
Input Voltage	12-24Vdc	Input Voltage	DALI bus
Input Current	Max. 30mA	Input Current	Max. 30mA
Detection Area	Φ16m@12m mounted height	Detection Area	Φ16m@12m mounted height
Lux detection range	0-1000LUX, daylight harvesting	Lux detection range	0-1000LUX, daylight harvesting
Interface Socket	ZHAGA 18 socket	Interface Socket	ZHAGA 18 socket
Application	LLLC application, Street lights / Low / High-bay	Application	LLLC application, Street lights / Low / High-bay

CASAMBI Converter

| CASAMBI Converter

Model	SR-CS9035A-D	SR-CS9035A-V	Model	SR-CS9032A-V	SR-CS9032A-D
Input voltage	DALI BUS	12-24Vdc	Input Voltage	12-24Vdc	DALI BUS
Current	Consumption: Max. 30mA	Output: Max. 20mA	Current Consumption	< 30mA	< 20mA
Feature	CASAMBI to DALI Converter, ZHAGA 18	CASAMBI to 0-10V dimming Converter	Feature	Works with 0-10V dim-to-off LED drivers	Works with DALI-2 D4i drivers or non-D4i drivers, broadcast control

Model	SR-CS9033A-V	SR-CS9033A-D	SR-CS9033A-D-Bus
Input Voltage	12-24Vdc	12-24Vdc	DALI BUS
Current Consumption	< 20mA	Max. 20mA	Max. 20mA
Feature	IP65, ZHAGA Book 18 Works with 0-10V dim-to-off drivers,	IP65, ZHAGA Book 18, Works with DALI-2 D4i drivers or non-D4i drivers, broadcast control	IP65, ZHAGA Book 18,Works with DALI-2 D4i drivers or non-D4i drivers, broadcast control

| CASAMBI to DALI+0-10V+Relay

> Casambi to DALI+0/1-10V controller, works with Casambi network
> Casambi signal input, DALI output to DALI line or 0/1-10V signal output, 110-240VAC power input
> With relay output, max. 5A for traditional incandescent & HV halogen lamps, max 1.6A for LED load
> Can be controlled by both Casambi App and Casambi wall switches
> DALI signal or 1-10V signal output selectable by Casambi App
> DALI DT6, DALI DT8 TW, DALI DT8 XY, DALI DT8 RGBW, 0-10V control modes configurable by Casambi App
> Built-in DALI bus power supply, no extra DALI bus PS required
> With max. 50mA DALI bus power current output
> To supply control current to up to 25 DALI control gears
> Easy commissioning with Casambi App

Model	SR-2421-CS
Input Power	110-240VAC
Output current	Max. 50mA(DALI PS), Max. 4mA(DALI consumption), Max. 20mA(0/1-10V)
Switching Voltage	110-240VAC
Max. Current	Incandescent: 5A, LED: 1.6A