CASAMBI

ARIS

TRIPLE S TECHNOLOGY CO.,LTD

40/1 Soi Pattanakarn20 Yeak4, Pattanakarn Rd.,
Suanluang, Suanluang, Bangkok 10250

Tel : 02-318-2386-7
Fax : 02-318-2388
Email : sale@triple-s.co.th

SMART LIGHTING CONTROL
FOR THE MODERN WORLD
2024. V1

SMART LIGHTING CONTROL
FOR THE MODERN WORLD

PROJECT : GAYSORN AMARIN (GAYSORN VILLAGE)
INTERIOR DESIGNER : INTERIOR ARCHITECTURE 103 CO.,LTD.
LIGHTING DESIGNER : APLD CO.,LTD.
PRODUCT : ARIS LIGHTING

CASAMBI x ARIS

CASAMBI ECO SYSTEM

CASAMBI ECO SYSTEM

KEYPAD & SWITCHES

DALI

1-10 V

TRAILING EDGE

PWM

SENSOR

ON-OFF

GATEWAY

SHUTTER

PRODUCTS

KEYPAD

1-10V

DALI

PWM

ON-OFF
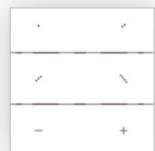
TRAILING EDGE

SENSOR

GATEWAY

SHUTTER

SMART LIGHTING CONTROL
PRODUCTS

KEYPAD & SWITCHES

VBA-SSR4

VBA-SSR6

VBA-SSR8

VBA-RCS6

VBA-RCS4

X PRESS(LR)

ROTARY SWITCH

REMOTE SWITCH

3 BUTTON SWITCH

6 BUTTON SWITCH

4 BUTTON SWITCH

1-10 V

CBU-ASD

CBU-ASD(LR)

VBU-ARS-IDP

CBU-ASR

CBU-A2D

HCB30

SR-2421-CS

127658

SMART LIGHTING CONTROL
PRODUCTS

DALI

CBU-ASD

CBU-ASD(LR)

CBU-DCS

VBU-DS-IDP

VBU-D-ITL

SR-2421-CS

127658

HCB30

SAL-1016/SAL-1032
SAL-1064

PWM

CBU-PWM4

VBU-PWM5-IDP

XB50 CV

NB 1 CV

PB.0

ON-OFF

VBU-R1-IDP

VBU-R1-BI

SR-CS9101SA-HP-SWITCH-B

SMART LIGHTING CONTROL
PRODUCTS

TRAILING EDGE

CBU-TED(LR)

VBU-T1-IDP

ERC1201-CAS

SENSOR

SR-CS9032A-PIR

LIGA.AIR.SP.12-24V.W

LIGA.AIR.SP.BATW

GATEWAY

CGW-001-PSU

CGW-001-POE

SHUTTER

LIGA.AIR.STO.240

ERC2508-CAS

PROJECT : GAYSORN AMARIN (GAYSORN VILLAGE)

INTERIOR DESIGNER : INTERIOR ARCHITECTURE 103 CO., LTD.

LIGHTING DESIGNER : APLD CO.,LTD.

PRODUCT : ARIS LIGHTING

PRODUCTS
KEYPAD
1-10V
DALI
PWM
ON-OFF
TRAILING EDGE
SENSOR
GATEWAY
SHUTTER
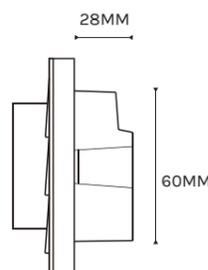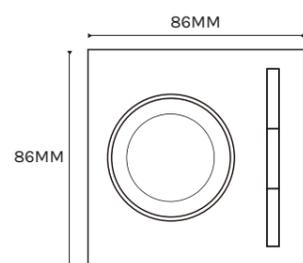
KEYPAD
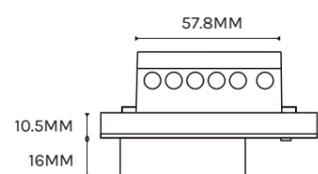PRODUCT TECHNICAL SPECIFICATION

ROTARY SWITCH

Technical parameter

- Product size : 86 x 86 x 25.4 mm (The knob is 16 mm)
- Bottom shell depth : 28 mm
- Package size : 100 x 100 x 60 mm
- Weight : 0.6 kg
- Installation mode : 86 Mounting box depth ; > 50 mm

- Input voltage : 110-240 VAC 50/60 Hz
- Network mode : Bluetooth Casamb
- Material : AG glass/PC
- Fire rating : 94-v0
- Working temperature : -10C~+60C
- Working humidity : 95%RH, Non-condensing
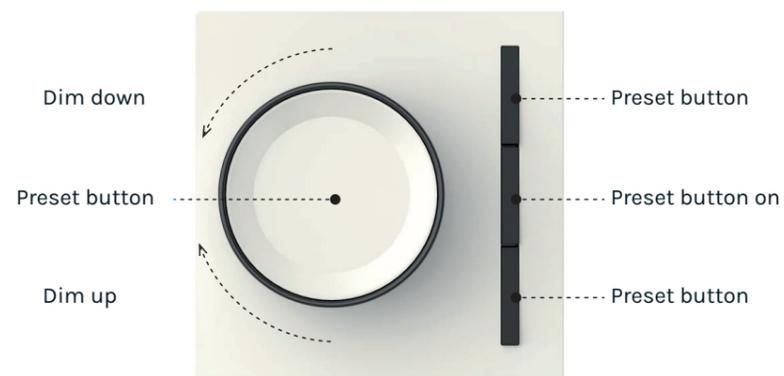
DIMENSION (mm)

57.8MM

10.5MM
16MM

86MM

86MM

28MM

60MM

COLOR

Dark gray/PC
AG glass

Champagne gold/PC
AG glass

Cream white/PC
AG glass

Avocado green/PC
AG glass

BASIC FUNCTION

Dim down

Preset button

Dim up

Preset button

Preset button on

Preset button

KEYPAD & SWITCHES
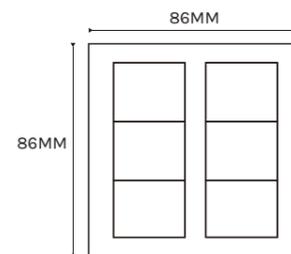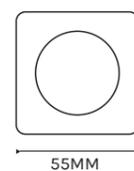PRODUCT TECHNICAL SPECIFICATION

REMOTE SWITCH

Technical parameter

- Product size : 86 x 86 x 12 mm
- Package size : 100 x 100 x 60 mm
- Installation mode : Magnetic/Portable
- Input : 2 x CR2032
- Network mode : Bluetooth Casambi
- Material : Aluminum/PC
- Fire rating : 94-v0
- Working temperature : -10C~+60C
- Working humidity : 95%RH, Non-condensing

DIMENSION (mm)

55MM

86MM

86MM

12.5MM

COLOR

Champange gold/PC

Dark gray/PC

Snow white/PC

Starlight gold/AL

Space grey/AL

Forest green/AL

Burgundy red/AL

PRODUCTS

KEYPAD

1-10V

DALI

PWM

ON-OFF

TRAILING EDGE

SENSOR

GATEWAY

SHUTTER

KEYPAD
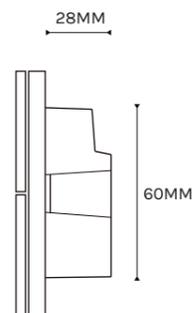## PRODUCT TECHNICAL SPECIFICATION

6 BUTTON SWITCH

Technical parameter

- Product size : 86 x 86 x 10.5 mm
- Bottom shell depth : 28 mm
- Package size : 100 x 100 x 60 mm
- Weight : 0.3 kg
- Installation mode : 86 Mounting box depth ; > 50 mm

- Input voltage : 110-240 VAC 50/60 Hz
- Network mode : Bluetooth Casambi
- Material : PC
- Fire rating : 94 v-0
- Working temperature : -10C~+60C
- Working humidity : 95%RH, Non-condensing

DIMENSION (mm)

COLOR

Champagne gold/PC   Dark gray/PC   Snow white/PC

BASIC FUNCTION

Preset button — Back home   Visitor mode — Preset button

Preset button — Leaving mode   Eating mode — Preset button

Dim down — Movie mode   Sleep mode — Dim up

KEYPAD
PRODUCT TECHNICAL SPECIFICATION
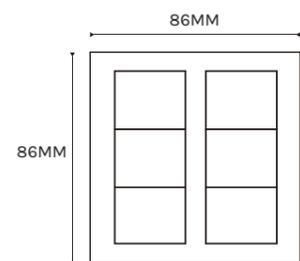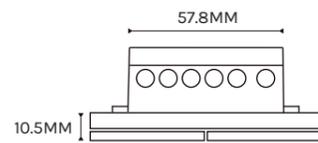
3 BUTTON SWITCH

Technical parameter

- Product size : 86 x 86 x 10.5 mm
- Bottom shell depth : 28 mm
- Package size : 100 x 100 x 60 mm
- Weight : 0.3 kg
- Installation mode : 86 Mounting box depth: >50 mm

- Input voltage : 110-240 VAC 50/60 Hz
- Network mode : Bluetooth Casambi
- Material : PC
- Fire rating : 94-v0
- Working temperature : -10C~+60C
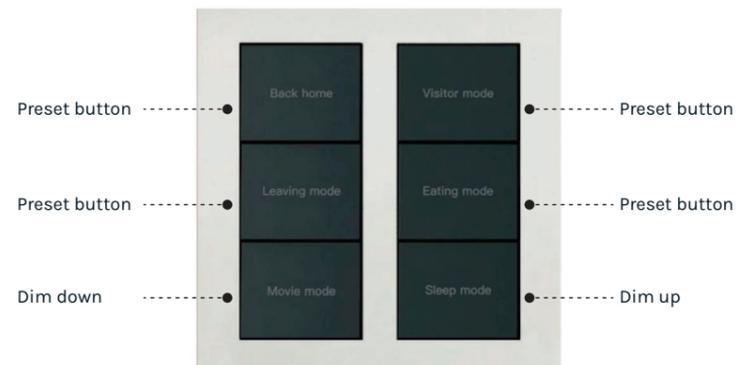- Working humidity : 95%RH, Non-condensing

DIMENSION (mm)

COLOR

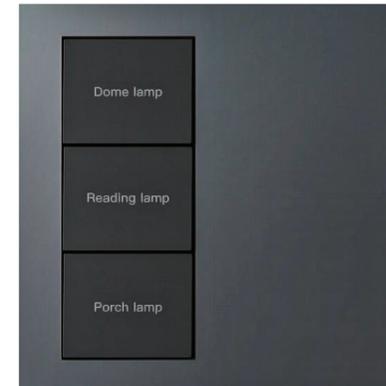Champagne gold/PC   Dark gray/PC   Snow white/PC

BASIC FUNCTION

Preset button — 1

Preset button — 2

Preset button — 3

2 FUNCTION

● Function A   ● Function B

Preset button   Push button

PRODUCTS

KEYPAD

1-10V

DALI

PWM

ON-OFF

TRAILING EDGE

SENSOR

GATEWAY

SHUTTER

KEYPAD
PRODUCT TECHNICAL SPECIFICATION
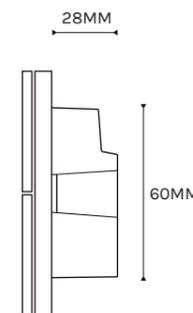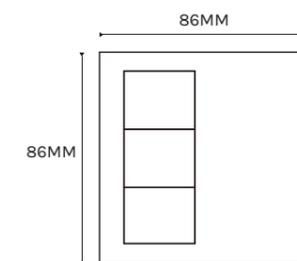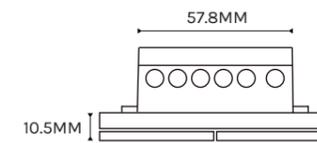
4 BUTTON SWITCH

Technical parameter

- Product size : 86 x 86 x 10.5 mm
- Bottom shell depth : 28 mm
- Package size : 100 x 100 x 60 mm
- Weight : 0.3 kg
- Installation mode : 86 Mounting box depth: >50 mm

- Input voltage : 110-240 VAC 50/60 Hz
- Network mode : Bluetooth Casambi
- Material : PC
- Fire rating : 94-v0
- Working temperature : -10C~+60C
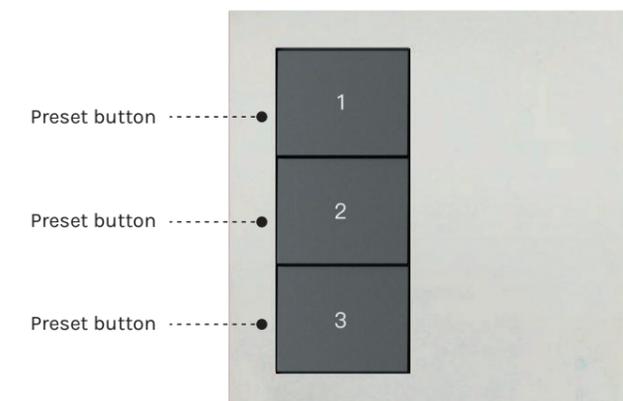- Working humidity : 95%RH, Non-condensing

DIMENSION (mm)

57.8MM

10.5MM

86MM

86MM

28MM

60MM

COLOR

Champagne gold/PC   Dark gray/PC   Snow white/PC

BASIC FUNCTION

Preset button ---- 1   2 ---- Preset button

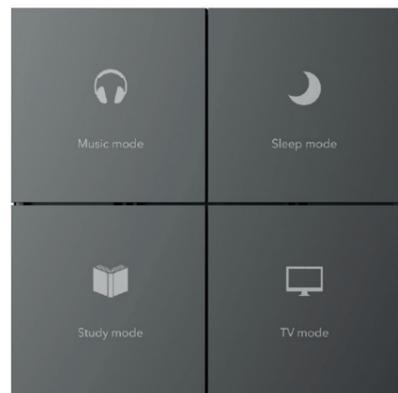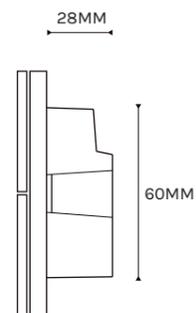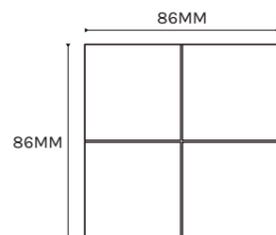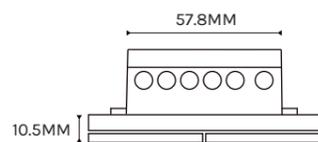Preset button ---- 3   4 ---- Preset button
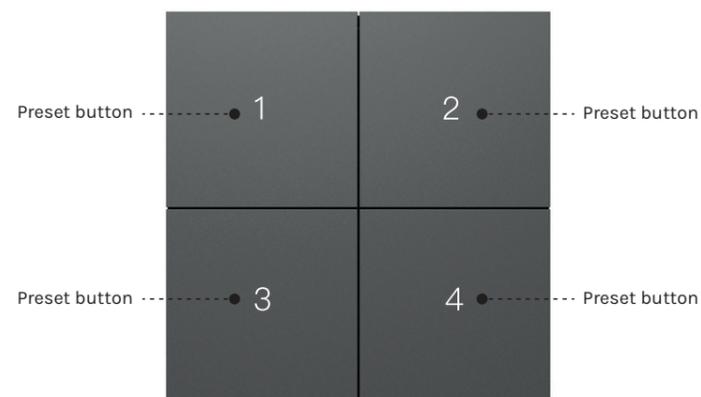
2 FUNCTION

- Function A   - Function B

  Preset button   Push button

KEYPAD
PRODUCT TECHNICAL SPECIFICATION

VBA-SSR4 SWITCH
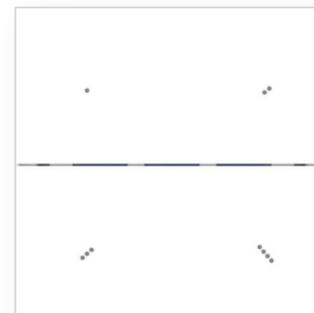
Technical data

- Input voltage : 220-240VAC
- Dimensions : 86 x 86 x 34 mm
- Three option : 4 Scenes

  2 Scenes + Dim-/+

  2 Scenes + 2 Relays
- Finished : ○ White ● Black ● Light gray ● Light pink ● Baby blue

VBA-SSR6 SWITCH
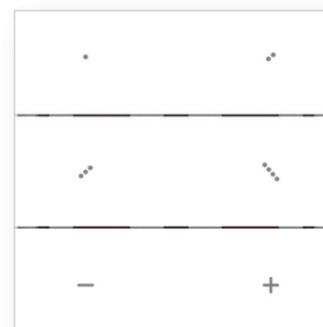
Technical data

- Input voltage : 220-240VAC
- Dimensions : 86 x 86 x 34 mm
- Three option : 6 Scenes

  4 Scenes + Dim-/+

  4 Scenes + 2 Relays
- Finished : ○ White ● Black ● Light gray ● Light pink ● Baby blue

VBA-SSR8 SWITCH

Technical data

- Input voltage : 220-240VAC
- Dimensions : 86 x 86 x 35 mm
- 2 Relays 6 Scenes
- Light bar is dimming
- 1key on and TW control down long press
- 1key off and TW control down long press
- Finished : ● Champagne gold ○ Snowflake Silver ● Champagne silver

PRODUCTS
KEYPAD
1-10V
DALI
PWM
ON-OFF
TRAILING EDGE
SENSOR
GATEWAY
SHUTTER

KEYPAD
PRODUCT TECHNICAL SPECIFICATION

VBA-RCS6 SWITCH

Technical data

- Input voltage : 3VDC
- Battery typ : CR2032 x 2 PCS
- Dimensions : 86 x 86 x 12.5 mm
- 4 Scenes
- 1key on and dimming up long time hold the key
- 1key on and dimming down long time hold the key
- Finished : ○ White ● Black ● gray

VBA-RCS4 SWITCH

Technical data

- Input voltage : 3.7 VDC
- Baterry type : Lithium-ion
- Dimensions : 65 x 23 mm
- Finished : ● Ligh gold ● Titanuim gold ● Brushed stainless steel
  ● Bright chromium

KEYPAD
PRODUCT TECHNICAL SPECIFICATION

XPRESS-LR SWITCH

Technical data

- Input voltage : 3VDC
- Battery type :
- CR2430 Lithium Coin Cell
- Dimensions : 90 x 90 x 12 mm
- Weight : 2.54 oz (72 g)
- Degree of protection :
- IP20 (indoor use only)

Radio transceiver

- Operating frequencies :
  2.402...2.480 Ghz
- Maximum output power : +8 dBm

Operating conditions

- Operating temperature :
  +32°F... +104°F (0°C... 40°C)
- Storage temperature :
  -13°F... +158°F (-25°C... 70°C)
- XMax. relative humidity :
  0...80%, non-cond.
- Finish : ○ White ● Black

Mounting

- The Xpress-LR switch includes a wall mounting bracket.
- The Xpress-LR magnetically attaches to the mounting bracket.

Features

- Luminaire control
- Group control
- Control all luminaires
- Recall Scenes

- Recall Animations
- Smooth dimming
- Change of colour temperature
- Change of indirect/direct lighting ratio

XPRESS SWITCH

Technical data

- Input voltage : 3VDC
- Battery type :
- CR2430 Lithium Coin Cell
- Battery lifetime :
  2-5 years,depending on usage
- Dimensions : 90 x 90 x 12 mm
- Weight : 2.54 oz (72 g)
- Degree of protection :
  IP20 (indoor use only)
- Range : Up to 50 meters in open air

Mounting

- A mounting bracket for wall mounting included

PRODUCTS
KEYPAD
1-10V
DALI
PWM
ON-OFF
TRAILING EDGE
SENSOR
GATEWAY
SHUTTER

1-10V (CASAMBI BLUETOOTH CONTROL UNIT)
PRODUCT TECHNICAL SPECIFICATION

DIMENSION (mm)

Mounting hole diameter : 2 x 3.5 mm

Antenna location
- Dimensions are in mm.
- tc point is on bottom side

CBU-ASD

CASAMBI BLUETOOTH CONTROL UNIT

Technical data
- Dimension : 56.5 x 35.8 x 22.3 mm
- Protection : IP20
- Protection class : Built-in Class II

Input
- Voltage range : 220-240 VAC 50 Hz
- Max. mains current : 0.6 A

Main output
- Output relay : SSR on phase line
- Voltage range : 220-240 VAC 50 Hz

0-10V output
- Voltage range : 0-10V VDC
- Max.number of drivers connected : 1 pc

DALI output
- Voltage range : 9-12 VDC
- Max. number of drivers connected : 1 pc
- Operating frequencies : 2400-2480 MHz
- Max. output power : +4 dBm

Radio transceiver
- Ambient temperature, ta : -20...+50°C (Iout 0 A)
- Max. case temperature, tc : +70°C

Operating conditions
- Storage temperature : -25...75°C
- Max relative humidity : 0-80%, non-condensing

Connectors
- Wire range, solid & stranded :
- 0.75-1.5 mm² / 14-22 AWG
  Wire strip length : 6-7 mm
- Tightening torque : 0.4 mm

CBU-ASD-LR

CASAMBI BLUETOOTH CONTROL UNIT (LONG-RANGE)

Technical data
- Dimension : 56.5 x 35.8 x 22.3 mm
- Protection : IP20
- Protection class : Class II

Input
- Voltage range : 220-240 VAC 50 Hz
- Max. mains current : 0.6 A

Main output
- Output relay : SSR on phase line
- Voltage range : 220-240 VAC 50 Hz

0-10V output
- Voltage range : 0-10V VDC
- Max. current : 6 mA

DALI output
- Voltage range : 9-12 VDC
  Max. current : 6 mA
- Operating frequencies : 2400-2480MHz
- Max. output power : +8 dBm

Radio transceiver
- Ambient temperature, ta : -20...+50°C (Iout 0 A)
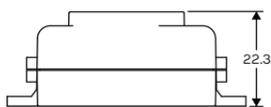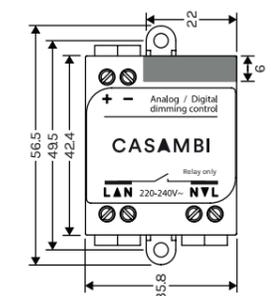- Max. case temperature, tc : +70°C

Operating conditions
- Storage temperature : -25...75°C
- Max relative humidity : 0-80%
- non-condensing

Connectors
- Wire range, solid & stranded :
- 0.75-1.5 mm² / 14-22 AWG
- Wire strip length : 6-7 mm
- Tightening torque : 0,4 mm

VBU-ARS-IDP

Technical data
- Dimension : 146 x 35.5 x 28 mm
- Input voltage : 100-277 VAC
- 0-10V driver : 1400W
- Output voltage DC : 0-10V
- Max. output current (0-10) / Channel : 5mA
- Output voltage range DC (sensor) : 12 V
- Max output current (relay) : 6.5A
- Input voltage range DC (sensor) : 12V

HCB30

Technical data
- Dimension : 81x26x20mm
- Input voltage : 100-240 V
- Dali power: 50mA
- Dali data: Broadcast
- Dali Mode: Single / CCT
- 0-10V: Single color
- IP63 / IP68 (IP68 for -S)

PRODUCTS

KEYPAD

1-10V

DALI

PWM

ON-OFF

TRAILING EDGE

SENSOR

GATEWAY

SHUTTER
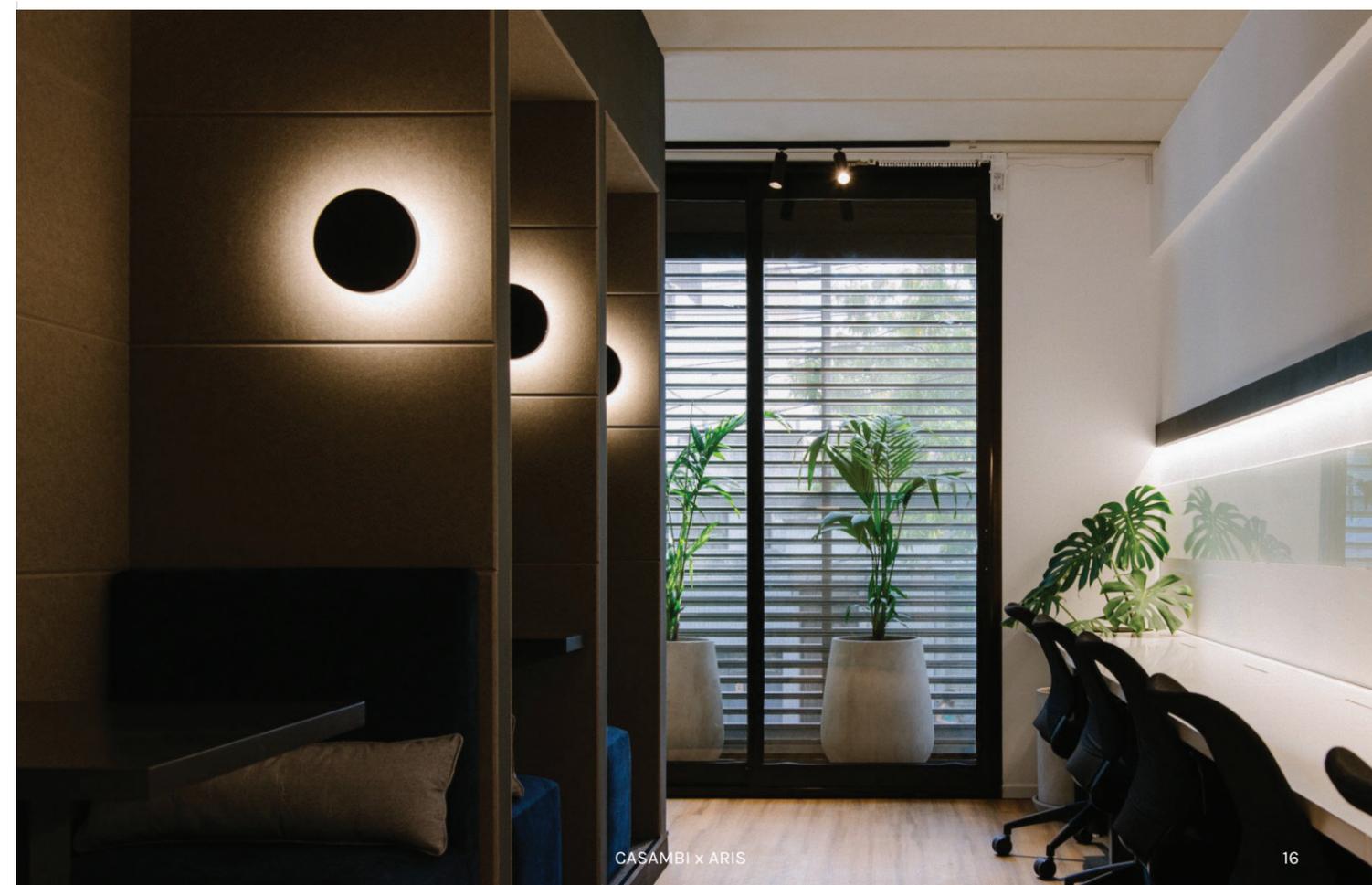
1-10V (CASAMBI BLUETOOTH CONTROL UNIT)
PRODUCT TECHNICAL SPECIFICATION

CBU-ASR

BLUETOOTH CONTROLLABLE 2CH 0-10V CONTROLLER

Technical data

- Dimension : 72.6 x 30.0 x 18.0 mm
- Protection class : Class II

Input

- Voltage range : 12-24 VAC
- No-load input current : 30 mA

Senser input

- Input voltage : 30 mA
- Input resistance : >80 kΩ

0-10V Output (both chanels)

- Output voltage : 0-10 VDC, adjustable
- Max. output current per channel : 5 mA, sinking and sourcing

Relay control output

- Output voltage : 12-24 VDC, same as input
- Max. output current : 100 mA

Radio transceiver

- Operating frequencies : 2400-2480 MHz
- Maximum output power : Typ. +0 dBm, +/ -3 dBm

Operating conditions

- Ambient temperature, ta : -20...+45˚C
- Max. case temperature, tc : +75˚C
- Storage temperature : -25...+75˚C
- Max. relative humidity : 0-80%,non-condensing

Connectors

- Wire range, solid & stranded : 0.5-1.5 mm / 16-20 AWG
- Wire strip length : 6-7 mm
- Tightening torque : 0.4 Nm

DIMENSION (mm)

- tc point is on bottom side
- Dimensions are in mm.

1-10V (CASAMBI BLUETOOTH CONTROL UNIT)
PRODUCT TECHNICAL SPECIFICATION

CBU-A2D

BLUETOOTH CONTROLLABLE 2CH 0-10V/DALI CONTROLLER

Technical data

- Dimension : 76.0 x 26.0 x 23.0 mm
- Protection : IP20
- Protection class : Built-in Class II

Input

- Voltage range : 100-240 VAC 50-60 Hz
- Max. mains current : 35 mA
- No-load stand by power : < 0.5 W

Chanel 1 output

- Output voltage : 0-10V VDC
- Output voltage DALI : 12 VDC,Max. 7 mA (sourcing)
- Maximum number of drivers : 1 driver or 1 senser/push button

Chanel 2 output

- Output voltage, 0-10V : 0-10V VDC,Max.7 mA
- Output voltage, relay control : 12 VDC,Max. 7 mA (sourcing)
- Maximum number of drivers : 1

Radio transceiver

- Operating frequencies : 2400-2480 MHz
- Maximum output power : +4 dBm

Operating conditions

- Ambient temperature, ta : -20...+45˚C
- Max. case temperature, tc : +70˚C
- Storage temperature : -25...+70˚C
- Max relative humidity : 0-80%,non-condensing

Connectors

- Wire range, solid & standard : 0.5-1.5 mm² / 16-20 AWG
- Wire strip length : 6-7 mm
- Casing to DALI : 0.4 Nm/4 Kgf.cm

DIMENSION (mm)
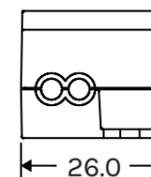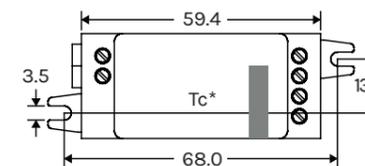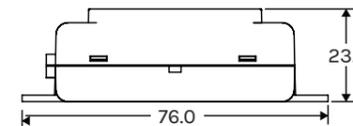
- tc point is on bottom side
  Wire info:
- Solid and stranded :
  05-1,5 mm /16- 20 AWG
- Strip length: 6-7 mm
- Tightening force: 0.4 Nm

PRODUCTS
KEYPAD
1-10V
DALI
PWM
ON-OFF
TRAILING EDGE
SENSOR
GATEWAY
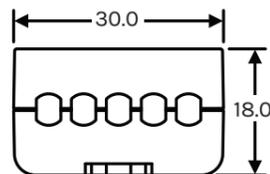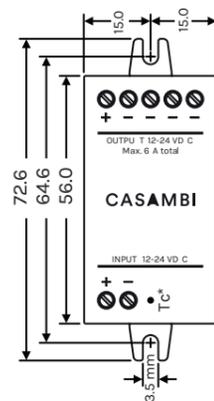SHUTTER

1-10V (CASAMBI BLUETOOTH CONTROL UNIT)
PRODUCT TECHNICAL SPECIFICATION

127658

Technical data
- Dimension : 146 x 35.5 x 28 mm.
- Input voltage : 100-240 V
- Output voltage : 1-10V
- Output voltage DALI : 12 VDC,Max. 100 mA
- Dali Mode: Single / CCT
- 0-10V: Single color
- Protection : IP20

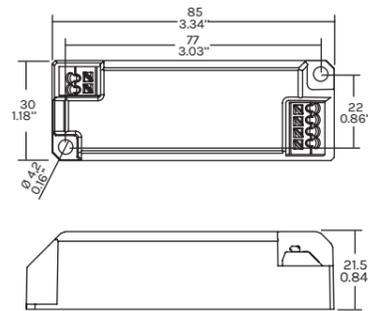### Operating conditions
- Ambient temperature, ta : -25...+50
- Max. case temperature, tc : +70˚C
- Storage temperature : -25...+70˚C

Connectors
- Wire range, solid & standard : 0.5-1.5 mm / 15-20 AWG

DIMENSION (mm)

SR-2421-CS

Technical data
- Dimension : 95x37x20mm
- DALI PS Output current: Max. 50mA
- DALI Output current consumption: Max. 4mA
- 0/1-10V Output Current: Max. 20mA
- Max. Current: Incandescent: 5A, LED: 1.6A

Standalone, 50mA DALI current output+20mA 0-10V+5A relay

- Casambi signal input, DALI signal 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
- Casambi bluetooth, 2.4GHz radio frequency
- Radio range: 164 feet (50m) in open field. Actual range is dependent on field installation.
- Compatible with universal Casambi wall switches and remotes
- DALI signal or 1-10V signal output selectable 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
- DALI DT6 or DT8 device type selectable by Casambi App under DALI mode
- Color control according to DALI specifications of Device Type 8,
- Color type: Tc, XY coordinates, RGBW selectable by Casambi App

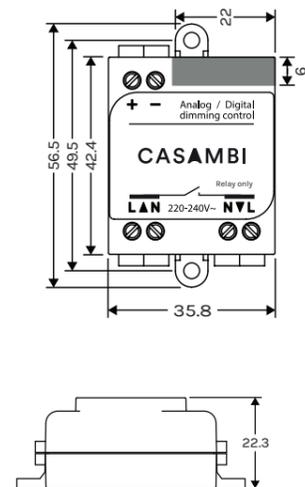# DALI (CASAMBI DALI CONTROLLER)
PRODUCT TECHNICAL SPECIFICATION

CBU-ASD

CASAMBI BLUETOOTH CONTROL UNIT

Technical data
- Dimension : 56.5 x 35.8 x 22.3 mm
- Protection : IP20
- Protection class : Built-in Class II

Input
- Voltage range : 220-240 VAC 50 Hz
- Max. mains current : 0.6 A

Main output
- Output relay : SSR on phase line
- Voltage range : 220-240 VAC 50 Hz

0-10V output
- Voltage range : 0-10V VDC
- Max.number of drivers connected : 1 pc

DALI output
- Voltage range : 9-12 VDC
- Max. number of drivers connected : 1 pc
- Operating frequencies : 2400-2480 MHz
- Max. output power : +4 dBm

Radio transceiver
- Ambient temperature, ta : -20...+50˚C (Iout 0 A)
- Max. case temperature, tc : +70˚C

Operating conditions
- Storage temperature : -25...75˚C
- Max relative humidity : 0-80%, non-condensing

Connectors
- Wire range, solid & stranded :
- 0.75-1.5 mm² / 14-22 AWG
- Wire strip length : 6-7 mm
- Tightening torque : 0.4 mm

DIMENSION (mm)

Mounting hole diameter : 2 x 3.5 mm

Antenna location
- Dimensions are in mm.
- tc point is on bottom side

CBU-ASD-LR

CASAMBI BLUETOOTH CONTROL UNIT (LONG-RANGE)

Technical data
- Dimension : 56,5 x 35.8 x 22.3 mm
- Protection : IP20
- Protection class : Class II

Input
- Voltage range : 220-240 VAC 50 Hz
- Max. mains current : 0.6 A

Main output
- Output relay : SSR on phase line
- Voltage range : 220-240 VAC 50 Hz

0-10V output
- Voltage range : 0-10V VDC
- Max. current : 6 mA

DALI output
- Voltage range : 9-12 VDC
- Max. current : 6 mA
- Operating frequencies : 2400-2480 MHz
- Max. output power : +8 dBm

Radio transceiver
- Ambient temperature, ta : -20...+50˚C (Iout 0 A)
- Max. case temperature, tc : +70˚C

Operating conditions
- Storage temperature : -25...75˚C
- Max relative humidity : 0-80% non-condensing

Connectors
- Wire range, solid & stranded :
- 0.75-1.5 mm² / 14-22 AWG
- Wire strip length : 6-7 mm
- Tightening torque : 0.4 mm

PRODUCTS

KEYPAD

1-10V

DALI

PWM

ON-OFF

TRAILING EDGE

SENSOR

GATEWAY

SHUTTER

DALI (CASAMBI DALI CONTROLLER)
PRODUCT TECHNICAL SPECIFICATION

CBU-DCS

CASAMBI DALI CONTROLLER

Technical data

- Dimension : 40.4 x 36.3 x 14.0 mm
- Protection : IP20

Input

- Voltage range : 9.5-22.5 VDC
- Input current when idle, Idle : 5 mA
- Peak input current, Ipeak : 30 mA
- Max. DALI bus current : 250 mA
- Stand by power : < 0.1W

Radio transceiver

- Operating frequencies : 2400-2480 MHz
- Maximum output power : +4 dBm

Operating conditions

- Ambient temperature, ta : -20...+55°C
- Max. case temperature, tc : +65°C
- Storage temperature : -25...+75°C
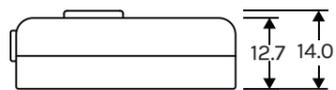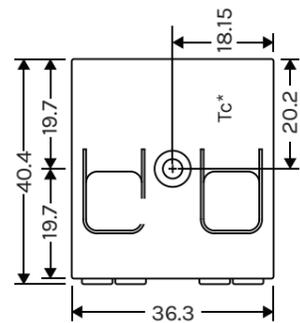- Max relative humidity : 0-80%,non-condensing

Connectors

- Wire range, solid : 0.5-1.5 mm²/16-20 AWG
- Wire strip length : 6-8 mm

Insulation

- Casing to DALI : Reinforced

DIMENSION (mm)

Mounting hole diameter : 3.5 mm

18.15
40.4
19.7
19.7
Tc*
20.2
36.3
12.7 14.0

Wire info:
- Solid 05-1.5 mm /16- 20 AWG
- Strip length: 6-8 mm

DALI (CASAMBI DALI CONTROLLER)
PRODUCT TECHNICAL SPECIFICATION

VBU-DS-IDP

Technical data

- Dimension : 146 x 35.5 x 28 mm
- Input power : 5.3W
- Input voltage : 220-240V
- Max. DALI bus current : 200 mA
- Dimming range : 1-100%
- Output voltage : 16V
- Max. Output power : 3.2W

VBU-D-ITL

Technical data

- Dimension : 93 x 38 x 19 mm
- Input : 48 VDC
- Output : DALI (compatible) Number of DALI addresses 8 Guaranteed output current DALI 20 mA
- Max. output current : DALI 230 mA

HCB30

Technical data

- Dimension : 81 x 26 x 20 mm
- Input voltage : 100-240 V
- Dali power: 50mA
- Dali data: Broadcast
- Dali Mode: Single / CCT
- 0-10V: Single color
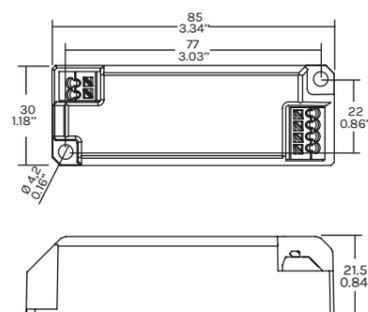- IP63 / IP68 (IP68 for -S)

PRODUCTS
KEYPAD
1-10V
DALI
PWM
ON-OFF
TRAILING EDGE
SENSOR
GATEWAY
SHUTTER

DALI (CASAMBI DALI CONTROLLER)
PRODUCT TECHNICAL SPECIFICATION

127658

Technical data
- Dimension : 146 x 35.5 x 28 mm.
- Input voltage : 100-240 V
- Output voltage : 1-10V
- Output voltage DALI : 12 VDC,Max. 100 mA
- Dali Mode: Single / CCT
- 0-10V: Single color
- Protection : IP20

Operating conditions
- Ambient temperature, ta : -25...+50
- Max. case temperature, tc : +70˚C
- Storage temperature : -25...+70˚C

Connectors
- Wire range, solid & standard : 0.5-1.5 mm / 15-20 AWG

DIMENSION (mm)

SR-2421-CS

Technical data
- Dimension : 95x37x20mm
- DALI PS Output current: Max. 50mA
- DALI Output current consumption: Max. 4mA
- 0/1-10V Output Current: Max. 20mA
- Max. Current: Incandescent: 5A, LED: 1.6A

Standalone, 50mA DALI current output+20mA 0-10V+5A relay
- Casambi signal input, DALI signal 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
- Casambi bluetooth, 2.4GHz radio frequency
- Radio range: 164 feet (50m) in open field. Actual range is dependent on field installation.
- Compatible with universal Casambi wall switches and remotes
- DALI signal or 1-10V signal output selectable 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
- DALI DT6 or DT8 device type selectable by Casambi App under DALI mode
- Color control according to DALI specifications of Device Type 8,
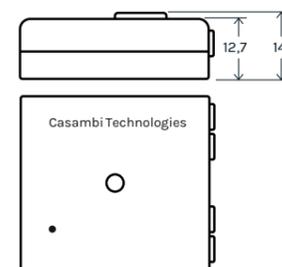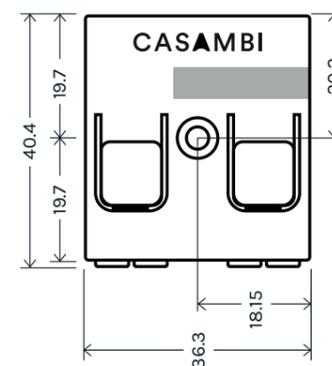- Color type: Tc, XY coordinates, RGBW selectable by Casambi App

DALI (CASAMBI DALI CONTROLLER)
PRODUCT TECHNICAL SPECIFICATION

SAL-1016 / SAL-1032 / SAL-1064
- SAL-1016: CAN ADDRESS UP TO 16 DALI DRIVER ADDRESSES.
- SAL-1032: CAN ADDRESS UP TO 32 DALI DRIVER ADDRESSES.
- SAL-1064: CAN ADDRESS THE MAXIMUM ALLOWED 64 DALI DRIVER ADDRESSES.

Technical data
- Dimension : 40.4 x 36.3 x 14.0 mm
- Protection : IP20
- Weight : 15 g

Input
- Voltage : 9,5–22,5 VDC
- Input current when idle, Iidle : 5 mA
- Peak input current, Ipeak : 30 mA
- Max. DALI bus current : 250 mA
- Standby power : < 0,2 W

DALI Output
- SAL-1016 product variant: 16 DALI addresses
- SAL-1032 product variant: 32 DALI addresses
- SAL-1064 product variant: 64 DALI addresses

Radio transceiver
- Operating frequencies: 2402...2480 MHz
- Maximum output power: +8 dBm

Operating conditions
- Ambient temperature, ta
- : -20 °C to +55 °C
- Max. case temperature, tc : +65 °C
- Storage temperature: -25...+75 °C
- Max. relative humidity: 0...80 %, non-cond.

Connectors
- Wire range, solid: 0,5–1,5 mm2   16–20 AWG
- Wire strip length: 6–8 mm

Connectors
- Wire range, solid: 0,5–1,5 mm2   16–20 AWG
- Wire strip length: 6–8 mm

Insulation
- Casing to DALI: Reinforced

Certifications
- CE

DIMENSION (mm)

PRODUCTS

KEYPAD

1-10V

DALI

PWM

ON-OFF

TRAILING EDGE

SENSOR

GATEWAY

SHUTTER

PWM (CASAMBI BLUETOOTH PWM UNIT)
PRODUCT TECHNICAL SPECIFICATION

CBU-PWM4

CASAMBI BLUETOOTH PWM UNIT

Technical data

- Dimension : 72.6 x 30.0 x 18.0 mm
- Protection : IP20

Input

- Voltage range : 12-244 VDC
- Max. input current : 6 A
- No-load stand by power : <0.3W

Output

- Dimming method :
- Pulse width modulation (PWM)
- Output voltage :
- Same as input voltage
- Max. output power : 144W @ 24 VDC :
- 72W @ 12 VDC
- Max output current : 6 A
- Min. load requiment : 0W

Radio transceiver

- Operating frequencies :
- Maximum output power :

Operating conditions

- Ambient temperature, ta : -20...+45°C
- Max. case temperature, tc : +75°C
- Storage temperature : -25...+75°C
- Max relative humidity : 0-80%, non-condensing

Connectors

- Wire range, solid & stranded :
- 0.75-1.5 mm / 14-22 AWG
- Wire strip length : 6-7 mm
- Tightening force : 0.4 Nm
- Maximum input cable length : 3m
- Recommended load cable length : Max 3n
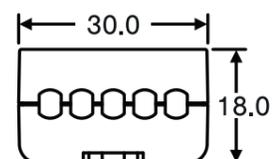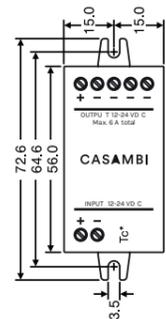
DIMENSION (mm)

- tc point is on bottom side
  Wire info :
- Solid and stranded :
  0.75-1.5 mm2/14-22 AWG
- Strip length : 6-7 mm
- Tightening force : 0.4 Nm

VBU-PWM5-IDP

Technical data

- Dimension : 146 x 35.5 x 28 mm
- Voltage : 12-24 VAC
- Output voltage DC : 12-24V
- Output power (24 VDC) : 300W
- Output power (12 VDC) : 150W
- Max. output current :
  (free allocation to chanels) : 12.5A

XB50 CV

Technical data

- Dimension : 134x39x24mm
- Voltage : 12-24 VAC
- Input Voltage DC : 8-50V
- Auxiliary Control : Press button /
  Optional RF remote control
- Max. output current : Max 1200W@50V

PWM (CASAMBI BLUETOOTH PWM UNIT)
PRODUCT TECHNICAL SPECIFICATION

NB 1 CV

Technical data

- Dimension : 146 x 35.5 x 28 mm.
- Input voltage : DC 6-24 V
- Output current : 1-4 Channel, 4x3A, 288@24V
- Auxiliary control : Press button / Opyional RF remote
- Dali Mode : Single color / CCT / RGB / RGBW / 4ch-Dim variable
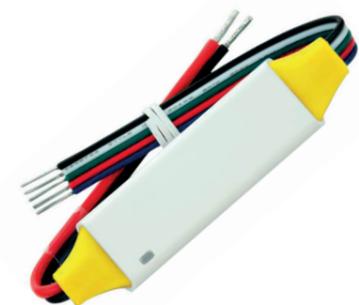- User Parameter : Gradient speed / PWM frequency

PB.0

Technical data

- Dimension : 146 x 35.5 x 28 mm.
- Input voltage : DC 6-24 V
- Output current : 1-4 Channel, 4x3A, 288@24V
- Waterproof : IP63 / IP68
- User Parameter : Gradient speed / PWM frequency

PRODUCTS
KEYPAD
1-10V
DALI
PWM
ON-OFF
TRAILING EDGE
SENSOR
GATEWAY
SHUTTER

ON - OFF
PRODUCT TECHNICAL SPECIFICATION

VBU-R1-IDP

Technical data
- Dimension : 146 x 35.5 x 28 mm
- Output voltage : 100-277 VAC
- Peak power : LED lighting module PF>0,9,8A/Max 2200W@277V
  : LED lighting module PF=0.5 4A/Max 1100W@277V
  : Electric fan Max 8A Incandescent lamp Max 4000W
  : effective communication distance in open place : 50m

VBU-R1-BI

Technical data
- Dimension : 46 x 46 x 22 mm
- Input : 200-240 VAC
- Output voltage : 220-240 VAC
- IOS : iPhone 4s or later,iPad 3 or later
  : LED lighting module PF>0.5 Max 700W
  : LED lighting module PF=0.5 Max 350W
  : Electric fan Max 3.2A Incandescent lamp Max 3520W
  : Effective communication distance in open place : 50m

SR-CS9101SA-HP-SWITCH-B

Technical data
- Dimension : 45.5 x4 5 x 20.3mm
- Input : 100-240VAC
- Output Current : 16A max
- 100-240VAC wide input and output voltage
- Supports resistive loads and capacitive loads
- 1 channel output, max. load 16A
- Input and output with screw terminals, safe and reliable
- Enables to control ON/OFF of connected load
  Casambi bluetooth, 2.4GHz radio frequency
- Radio range: 164 feet (50m) in open field.
  Actual range is dependent on field installation.
- Compatible with universal Casambi wall switches and remotes
- Can be controlled by toggle on/off switches
- Active power and energy metering functionality
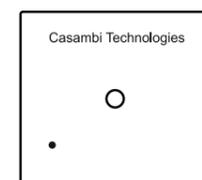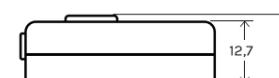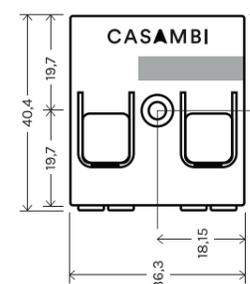- Mini size, easy to be installed into a standard size wall box
- Waterproof grade: IP20

TRAILING EDGE
PRODUCT TECHNICAL SPECIFICATION

DIMENSION (mm)

Mounting hole diameter : 3,5 mm

Antenna location
 tc point is on bottom side

CBU-TED

CASAMBI BLUETOOTH TRAILING EDGE DIMMER

Technical data
- Dimension : 40.4 x 39.6 x 14.0 mm
- Protection : IP20

Input
- Voltage range : 85-240 VAC 50-60 Hz
- Max. mains current : 0.43 A
- No-load stand by power : <0.3W

Output
- Dimming method :
- Trailing-edge phase control
- Max. output power : 100W @ 230 VAC
- Max. output current : 0.43 A
- Min. load requiment : 1W
- Max. load inrush current : 10 A.100 ms

Radio transceiver
- Operating frequencies : 2400-2480 MHz
- Max. output power : +4 dBm

Operating conditions
- Ambient temperature, ta : -20... +45˚C
- Max. case temperature, tc : +75˚C
- Location of tc point : Bottom side,
- underneath output connector.
- Storage temperature : -25... +75˚C
- Max relative humidity : 0-80%, non-condensing

Connectors
- Wire range, solid : 0.5-1. 5 mm²/ 16-20 AWG
- Wire strip length : 6-8 mm

CBU-TED-LR

CASAMBI BLUETOOTH TRAILING EDGE DIMMER (LONG-RANGE)

Technical data
- Dimension : 40.4 x 39.6 x 14.0 mm
- Protection : IP20

Input
- Voltage range : 85-240 VAC 50-60 Hz
- Max. mains current : 0.43 A
- No-load stand by power : <0,3W

Output
- Dimming method :
- Trailing-edge phase control
- Max. output power : 100W @ 230 VAC
- Max. output current : 0.43 A
- Min. load requiment : 1W
- Max. load inrush current : 10 A,100 ms

Radio transceiver
- Operating frequencies : 2400-2480 MHz
- Max. output power : +8 dBm

Operating conditions
- Ambient temperature, ta : -20... +45˚C
  Max. case temperature, tc : +75˚C
- Location of tc point : Bottom side,
- underneath output connector.
- The tc point is marked on the enclosure.
- Storage temperature : -25... +75˚C
- Max relative humidity : 0 - 80%, non-condensing

Connectors
- Wire range, solid : 0.5-1.5 mm /
- 16-20 AWG
- Wire strip length : 6-8 mm

Cerfications
- CE / AU-NZ

PRODUCTS

KEYPAD

1-10V

DALI

PWM

ON-OFF

TRAILING EDGE

SENSOR

GATEWAY

SHUTTER

TRAILING EDGE
PRODUCT TECHNICAL SPECIFICATION

ERC1201-CAS

Technical data
• Dimension : 98 x 44 x 31 mm.
• Operating voltage : AC 200-240V 50/60Hz
• Product type : trailing-edge phase dimming controller
• Power rating : LED: 300W
• Radio frequency : 433MHZ & 2.4GHz
• Communication distance : RF:80m（outdoors）25m（indoor）
  BLE: 50m（outdoors）30m（indoor）
• Storage capacity : 8 wireless kinetic switch messages
• RF reception : sensitivity -110dBm
• Operating temperature : -20℃ ~ +50℃
• Certification : CE

DIMENSION (mm)

43.90 mm.

31.00 mm.

88.70 mm.

20.75 mm.
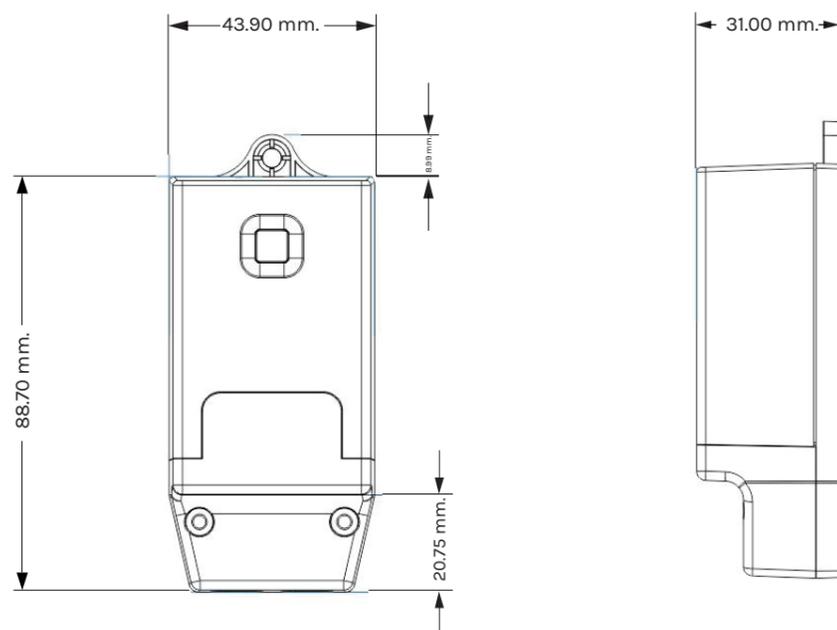
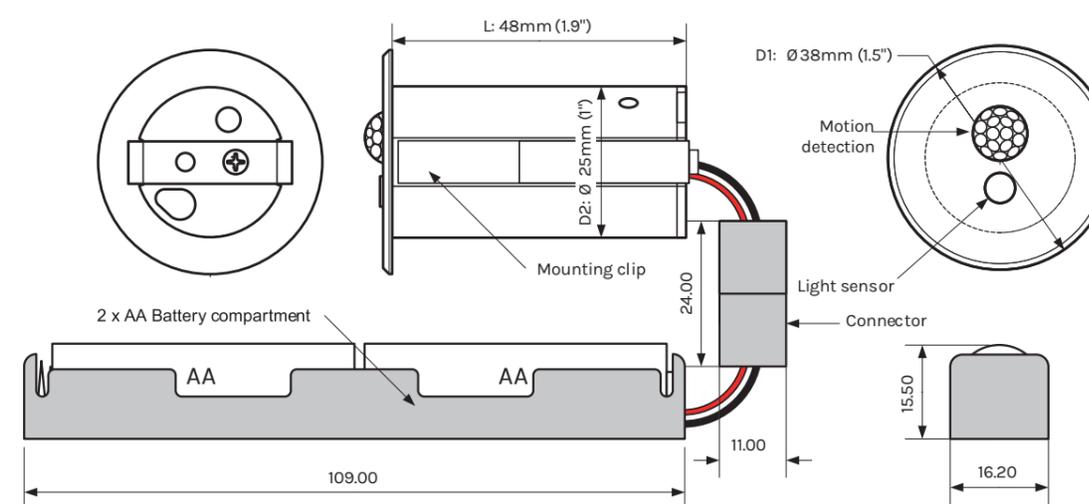# SENSOR
PRODUCT TECHNICAL SPECIFICATION

LIGA.AIR.SP.BATW

• SMALL CASAMBI MOTION DETECTOR
• SMALLEST POWER CONSUMPTION
• SIMPIY OPERATES WITH CASAMBI
• Battery operated, autonomous applicable to all types of installaion

Technical data
• Dimension : 48 x 38 x 25 mm
• Protection type : IP44
• Enclosure color : White, black, gray
• Mounting : Hoie with D1 : 25mm diameter, at any mounting location
• Environmental conditions :
  Operation: Temperature -20 … 50°C, humidity < 85%rH
  Stock: Temperature -25 … 65°C, humidity < 95%rH
• Connections : Flexible 2 x 0.34mm² (AWG30)
• Power supply : 3VDC, 2 x AA batteries. Higher capacity batteries can be used
  with the appropriate battery compartment
• Motion detector : Range 5m, angle max 100° (horizontal), 64 detection zones
• Setup with Casambi App : Switch-on times, twilight settings of light sensor
• Anwendungen : Safety technology, motion detection,
  automatic light control, energy saving etc.
• CASAMBI Modul Standards : Bluetooth 4.0 Wireless Control
• Additional standards : Radio Equipment Directive 2014/53/EU
• Scope of delivery : 1 CASAMBI Motion detector

DIMENSION (mm)

L: 48mm (1.9")

D1: Ø38mm (1.5")

D2: Ø 25mm (1")

Motion detection

Mounting clip

Light sensor

Connector

2 x AA Battery compartment

AA   AA

24.00

11.00

15.50

16.20

109.00

PRODUCTS
KEYPAD
1-10V
DALI
PWM
ON-OFF
TRAILING EDGE
SENSOR
GATEWAY
SHUTTER

SENSOR
PRODUCT TECHNICAL SPECIFICATION

LIGA.AIR.SP.12-24V.W

- SMALL CASAMBI MOTION DETECTOR / DIRECTLY SUPPLIED WITH 230 VAC
- SMALLEST POWER CONSUMPTION / SIMPLY OPERATES WITH CASAMBI

Technical data

- Dimension : 48 x 38 x 25 mm
- Protection type : IP44
- Protection class : Protection class II
- Enclosure color : White, black, gray
- Mounting : In mouting hole with
- Environmental conditions :
  Operation: Temperature -20 ... 50˚C, humidity < 85%rH
  Stock: Temperature -25 ... 65˚C, humidity < 95%rH
- Connections : Flexible 2 x 0.5mm² (AWG30)Approx. length 300mm
- Power supply : 12-24V AC or DC
- Power consumption : 0.4 Watts Max.
- Standards : EN 60669-2-1/EN 61000-6-3/EN 61000-6-2/WEEE and RoHS
- Sensor measurement range/angle : Max. 5m/100˚(horizontal)
- Sensor detection zones : 64 zones
- Activation times : Configurable using the Casambi app
- Twilight settings : Configurable using the Casambi app
- Applications : Safety technology,movement detection, automatic
  light control,energy-saving etc.
- Scope of delivery : 1 motion sensor.

DIMENSION (mm)

L: 48mm (1.9")
D2: Ø 25mm (T')
Montagefeder
D1: Ø38mm (1.5")
Bewegungs-sensor
Lichtsensor
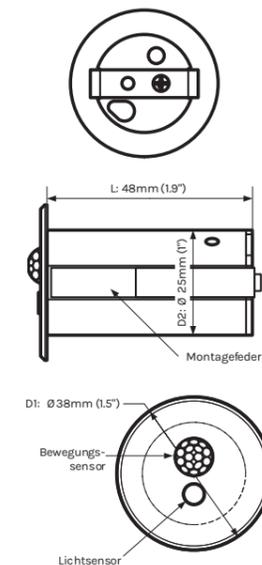
SR-CS9032A-PIR

Technical data

- Dimension : ∅ 32 H36.3 mm
- Signal : Casambi Bluetooth
- Power : 100-240VAC
- Protection type : IP20
- Operation: Temperature 0˚C + 45˚C
- Relat vehumidity : 8% t 80%
- Bluetooth PIR sensor + photocell,
- Bluetooth PIR sensor + photocell, Bluetooth® mesh network
- Radio range : 164 feet (50m) in open field.
  Actual range is dependent on field installation.
- On-board antenna
- 5 years warranty

GATEWAY
PRODUCT TECHNICAL SPECIFICATION
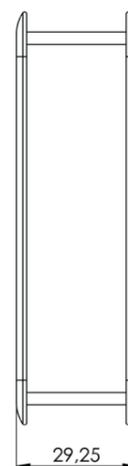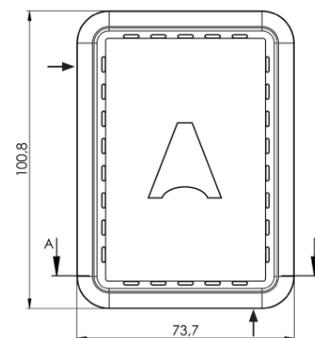
CGW-001-PSU

THE POWER SUPPLY UNIT (PSU)

CGW-001-POE

THE POWER OVER ETHERNET (POE)

DIMENSION (mm)

100,8
A
A
73,7

29,25

Technical data

- Broadcom BCM2711, Quad-core Cortex-A72
- (ARM v8) 64-bit SoC @ 1.5GHz
- 4GB LPDDR4-3200 SDRAM
- 2.4 GHz and 5.0 GHz IEEE 802.11ac wireless, Bluetooth 5.0, BLE
- Gigabit Ethernet
- USB-C and Ethernet ports
- 5V DC via USB-C connector (minimum 3A)
- Power over Ethernet (PoE) enabled
- Operating temperature : 32 – 122 degrees
- F ambient (0 – 50 degrees C ambient)

User interface and Functionality

- The Casambi Cloud Gateway affords much of the same enduser
  functionality as the Casambi App, the latter being theuser interface
  for this gateway.

Lighting control options

- Create groups, scenes, animations.
- Dim or turn on/off singular or groups of luminaires.
- Dim or turn on/off a whole network.
- Turn on/off scenes and animations.
- Control color temperature, hue and saturation utilizing
  the control slider in the app.
- Create and edit timers.

Further considerations

- For indoor use only.
- Use one Casambi Cloud Gateway per Casambi network.
- Works with Casambi's Evolution firmware.
- For remote control and monitoring of a Casambi network in real-time.

PRODUCTS

KEYPAD

1-10V

DALI

PWM

ON-OFF

TRAILING EDGE

SENSOR

GATEWAY

SHUTTER
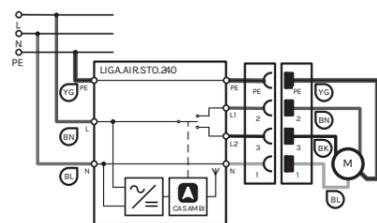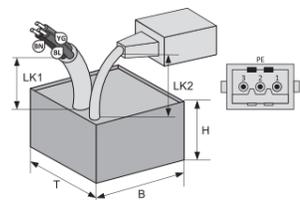
SHUTTER
PRODUCT TECHNICAL SPECIFICATION

LIGA.AIR.STO.240

• SMALL SHUTTER MOTION MODULE FOR 230 VAC U0 TO 3 Amp
• SMALL POWER CONSUMPTION,0.7 Watts MAX.
• FAST CONNECTION TO THE SYSTEM WITH APPRORIATE SHUTTER DRIVE.
• SIMPLE CONTROLLED BY CASAMBI

DIMENSION (mm)

Technical data

• Dimension : 50 x 50 x 25 mm
• Protection type : IP64
• Protection class : Appliance class II
• Enclosure color : Enclosure black
• Mounting : In flush-mounted boxes or cable ducts etc.
• Environmental conditions :
• Operation : Temperature -20 … 50˚C, humidity < 85%rH
• Stock : Temperature -25 … 65˚C, humidity < 95%rH, Tc : 70˚C
• Connections supply :
  Cable 3 x 1mm² (AWG17), LK1 = LK1 mm:
• Brown (BN) : L, phase conductor, Blue (BL): N, neutral conductor
• Blue(N) : Neutral conductor
• Connections motor :
  Cable 4 x 1mm² (AWG17), LK2 = LK2 mm : [Connector] Hirschmann STAK 3
• Black (BK) : [2] L1, T1 switched phase 1, White (WT) : [3] L2, DOWN switched phase 2,
• Blue (BL) : N, neutral conductor, Green Yellow (GY) : [PE] PE protective conductor.
• Max Drive time : 5min, drive time can be set to any lower duration using the
  Casambi App with animations.
• Power supply / consumption : 100-240VAC, 50Hz / 0.7W
• Switching outputs : 3 Amp. / 230VAC (note inrush current of load)
• Standards : Low Voltage Directive (LVD) 2014/35/EU, EN 60669-2-1
• Electromagnetic compatibility (EMC) 2014/30/EU
• CASAMBI Modul Standards : Bluetooth 4.0 Wireless Control
• Switching times : Configurable with the Casambi application
• Applications : Control of electrically driven blinds, lifts etc.
• Scope of delivery : 1 Shutter Module

SHUTTER
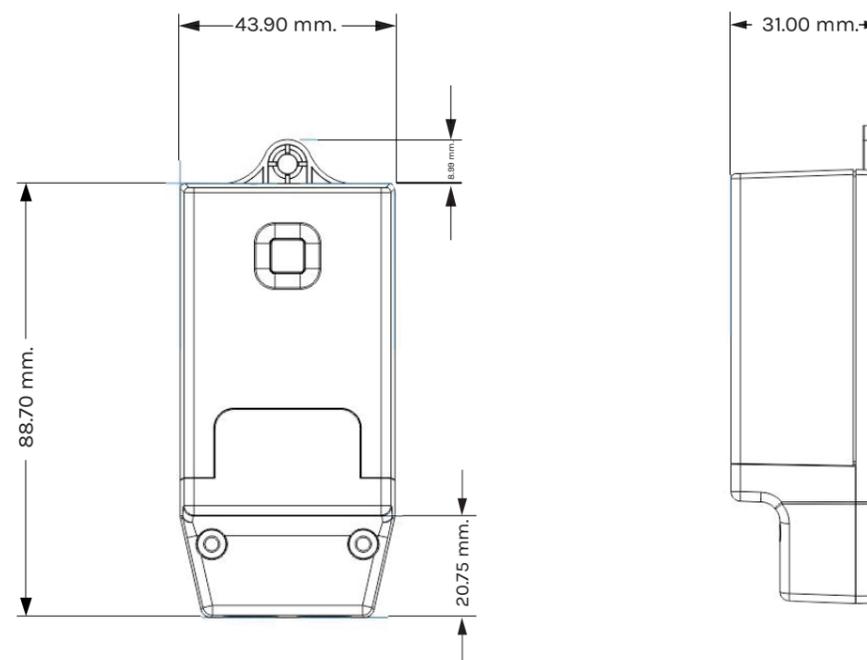PRODUCT TECHNICAL SPECIFICATION

Erc2508-CAS

Product type Curtain Controller

Technical data

• Dimension : 98 x 44 x 31 mm.
• Operating voltage : AC 100-240V 50/60Hz
• Product type : trailing-edge phase dimming controller
• Power rating : 300W
• Radio frequency : 433MHZ & 2.4GHz
• Communication distance : RF:80m（outdoors）25m（indoor）
  BLE: 50m（outdoors）30m（indoor）
• Storage capacity : 8 wireless kinetic switch messages
• RF reception : sensitivity -110dBm
• Operating temperature : -20℃ ~ +50℃
• Certification : CE

DIMENSION (mm)

PROJECT : GAYSORN AMARIN (GAYSORN VILLAGE)
INTERIOR DESIGNER : INTERIOR ARCHITECTURE 103 CO., LTD.
LIGHTING DESIGNER : APLD CO.,LTD.
PRODUCT : ARIS LIGHTING