

Highlights



The hospitality sector covers a broad range of businesses from hotels, to restaurants, bars, cafes and all type of entertainment venues. Lighting plays a vital role in all areas of hospitality as it can transform the atmosphere of an establishment, attracting the customer to a new experience by appropriately enhancing the brightness and texture of the place and products.

Casambi can directly answer the need for powerful and highly customizable lighting control. The Casambi system enables the setting of lighting control scenes, dimming of the illuminance levels, the activation of lighting in response to presence detection, the use of daylight, and the controlling blinds – to mention but a few of its capabilities. By using only the right light in the right place at the right time, Casambi also contributes to energy conservation and maintenance cost reductions.

Casambi's Bluetooth Low Energy-based technology provides lighting designers and manufacturers with the ability to wirelessly link devices together enabling the creation of customizable smart lighting networks. Casambi's state-of-the-art technology is aligned with the trends and dynamics of the sector, bringing further benefits beyond illumination, such as providing visual comfort, wellbeing, easy scene management for different tasks, customizable circadian profiles and allowing remote access for easier operation and maintenance.

This guide outlines the transformative power of Casambi's wireless lighting control solution when applied within hospitality spaces. It has been written with a view to demonstrating just how easy and joyful it can be to specify lighting control solutions and benefit from the versatility of the Casambi system and its ecosystem solutions.

Consultant & Lighting Designer

- Freedom in product of choice & design flexibility
- Versatility and flexibility for all applications
- No complex wiring diagrams
- Wireless emergency lighting with automated testing & reporting
- Scalability
- Reduced operational costs

Installer and Commissioner

- Quick & easy to install
- No control cables needed
- Commission via the free App
- Ease of troubleshooting

Staff / Facilities Manager

- Reduced total cost of ownership
- Energy efficient & cost effective
- Simple reconfiguration without disruption
- Building accreditations
- Quick and easy device replacement - no reprogramming
- Remote access
- Efficient operations through iBeacons and data services

Guests

- Unparalleled user and visitor experience
- Visual confort and wellbeing
- Task tuning and personalization

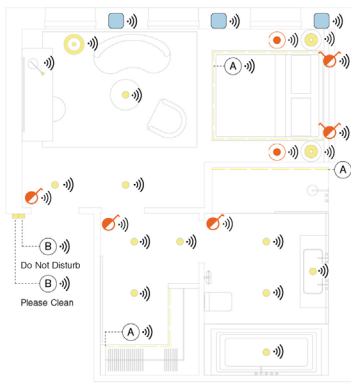
How to read this guide?

Room Type

Solution Type

2. Guestroom - Suite

Individual Control



Sensors used under each bedside table can be programmed to turn on LED strip lights under the bed for easy wayfinding during the night.

6 button switch:
Buttons 1-2-3: Light scenes (Welcome, day and night)
Button 4: Do Not Disturb
Button 5: Blinds Up
Button 6: Blinds Down

- Casambi Ready floor lamp
- Casambi Ready downlight
- Casambi Ready table lamp
- Casambi Ready desk lamp
- Linear LED
- Do not disturb/ Please clean indicator light
- Casambi Ready 6 button wireless switch
- Casambi Ready wireless switch
- Casambi Ready blind controller
- Casambi Ready driver
- Casambi Ready relay
- Casambi Ready occupancy sensor

Learn about the products used in the space

Understand how the products are laid out in the space

Understand what products would be needed to achieve the strategies

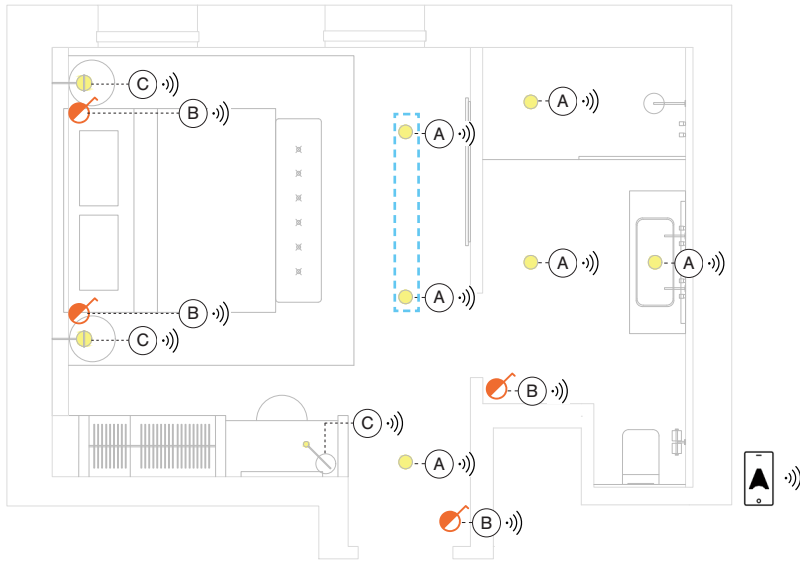
Devices

LUMINAIRE	Casambi Ready floor lamp	1	
	Casambi Ready downlight	10	
	Casambi Ready table lamp	2	
	Casambi Ready desk lamp	1	
	Linear LED	+ 3	
	Do not disturb/ Please clean indicator light	+ 2	
SENSOR	Casambi Ready blind controller	3	
	Casambi Ready occupancy sensor	2	
SWITCH	Casambi Ready 6 button wireless switch	2	
	Casambi Ready wireless switch	3	
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>		

Functionality

Casambi App on a Smart Mobile Device		Occupancy Detection	
Wall-mounted Conventional Switch		Scenes	

Learn what strategies can be implemented in the space



Group control

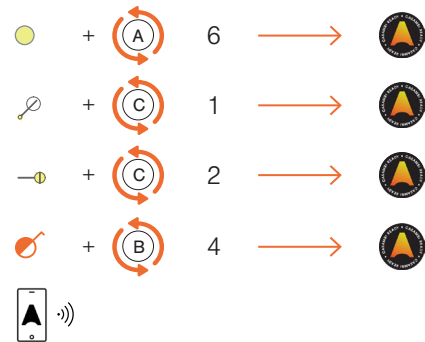
- Dimmable luminaire 0/1-10V
- Desk light with dimmable LED lamp
- Bedhead light with dimmable LED lamp
- Conventional wired switch
- Casambi wireless controller 0/1-10V
- Casambi Ready Input controller
- Casambi wireless phasecut dimmer

Benefits

Existing conventional wall switches can gain wireless connectivity with the addition of a Casambi wireless unit. The units with very small form factor can fit inside a flush mounted box or even inside a cable duct.

Devices

LUMINAIRE	Dimmable luminaire 0/1-10V
	Desk light with dimmable LED lamp
	Bedhead light with dimmable LED lamp
SWITCH	Conventional wired switch
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>



Functionality

Casambi App on a Smart Mobile Device

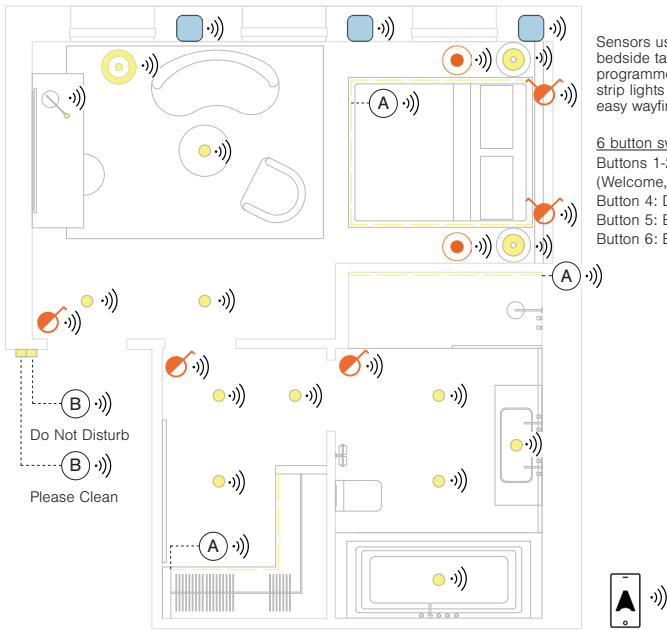


Wall-mounted Conventional Switch



Scenes





- Casambi Ready floor lamp
- Casambi Ready downlight
- Casambi Ready table lamp
- Casambi Ready desk lamp
- Linear LED
- Do not disturb/ Please clean indicator light
- Casambi Ready 6 button wireless switch
- Casambi Ready wireless switch
- Casambi Ready blind controller
- Casambi Ready driver
- Casambi Ready relay
- Casambi Ready occupancy sensor

Devices

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	Casambi Ready downlight
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SENSOR	Casambi Ready blind controller
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	1	
	10	
	2	
	1	
+	3	
+	2	
	3	
	2	
	2	
	3	

Functionality

Casambi App on a Smart Mobile Device



Wall-mounted Conventional Switch

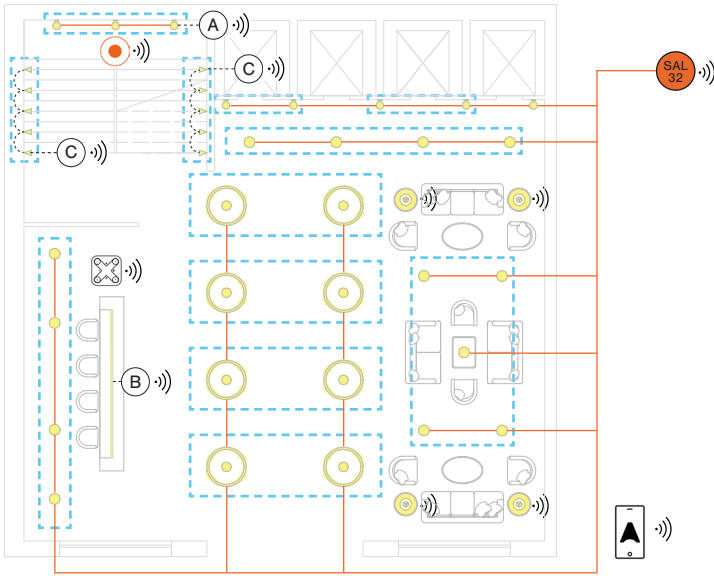


Occupancy Detection



Scenes





Group control
 DALI bus

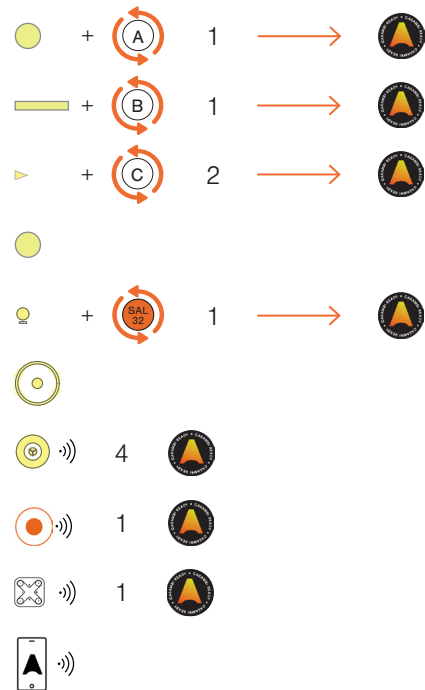
With Salvador, luminaires can be individually controlled and/or grouped during commissioning. On the other hand, the DALI controller would be used for broadcast.

- Dimmable DALI downlight
- Linear LED with power supply
- Standard ON/OFF luminaire
- Dimmable DALI wall lamp
- Dimmable DALI suspension lamp
- Casambi Ready floor lamp
- Casambi Ready occupancy
- Casambi wireless controller DALI
- Casambi wireless 4-Channel PWM dimmer
- Casambi Ready Relay
- Casambi wireless Xpress switch
- Casambi Salvador 32 DALI Controller

The Casambi Salvador Series DALI Controller offer product versions both with and without DALI supply. Depending on the version used, a power supply for the DALI bus might be required.

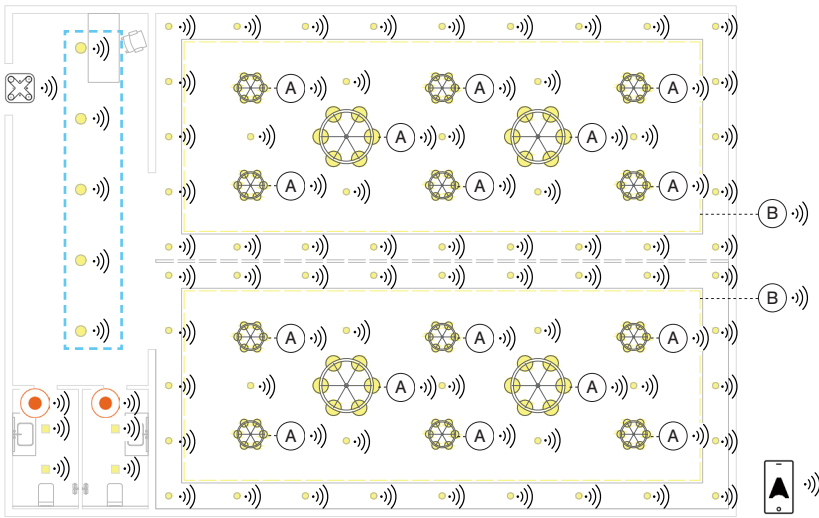
Devices

LUMINAIRE	Dimmable DALI downlight
	Linear LED with power supply
	Standard ON/OFF luminaire
	Dimmable DALI downlight
DIMMABLE DALI WALL LAMP	Dimmable DALI wall lamp
	Dimmable DALI suspension lamp
CASAMBI READY FLOOR LAMP	Casambi Ready floor lamp
	Casambi Ready occupancy
SENSOR	Casambi Ready occupancy
SWITCH	Casambi wireless Xpress switch
APPLICATION	Casambi App on a smart mobile device *Not mandatory for daily use.



Functionality

Casambi App on a Smart Mobile Device		Occupancy Detection	
Wireless Switch		Calendar and Timer	
Scenes and Animation			



Group control

- Casambi Ready downlight
- Casambi Ready panel
- Chandelier with dimmable LED lamp
- Linear LED RGBW
- Casambi Ready occupancy
- Casambi wireless Xpress switch
- Casambi wireless phasecut dimmer
- Casambi Ready driver

Benefits

Ballrooms can serve multiple functions such as conferences, weddings or trade shows, and lighting should be flexible to serve each setting. Individual control of luminaires and handling changes in control groups or settings via the App allows to take full advantage of the flexibility of the system.

Devices

LUMINAIRE	Casambi Ready downlight
	Casambi Ready panel
	Chandelier with dimmable LED lamp
	Linear LED RGBW
SENSOR	Casambi Ready occupancy sensor
SWITCH	Casambi wireless Xpress switch
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>



Functionality

Wireless Switch



Calendar and Timer



Casambi App on a Smart Mobile Device

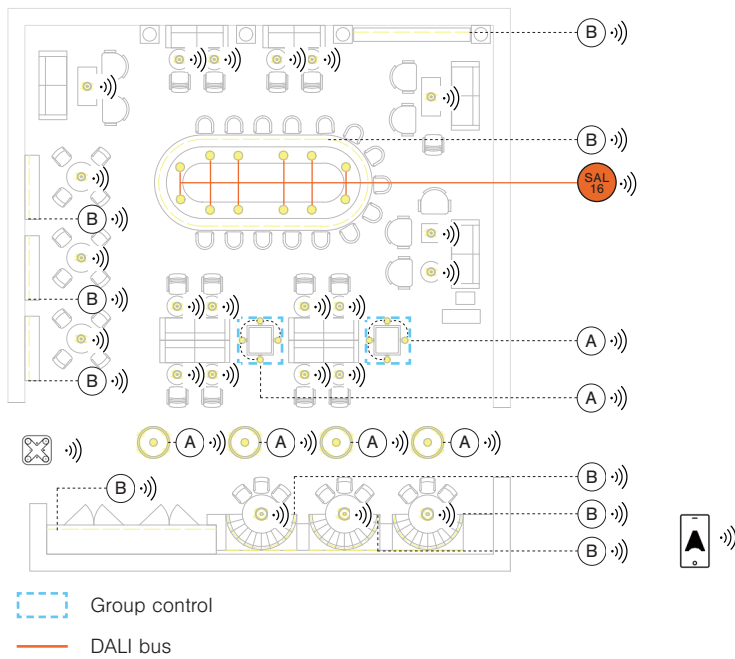


Occupancy Detection



Scenes and Animation



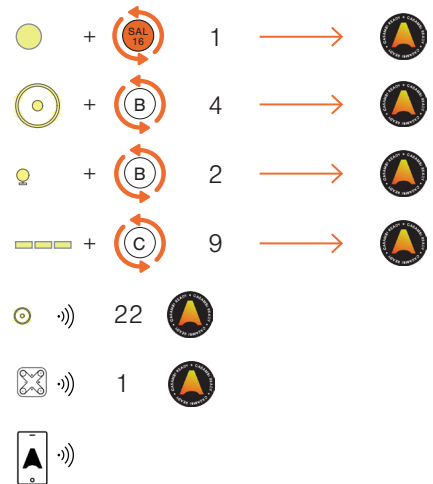


- Dimmable DALI downlight
- Suspension lamp with dimmable LED lamp
- Wall lamp with dimmable LED lamp
- Linear LED
- Casambi Ready suspension lamp
- Casambi wireless Xpress switch
- Casambi wireless phasecut dimmer
- Casambi Ready driver
- Casambi Salvador 16 DALI Controller

The Casambi Salvador Series DALI Controller offer product versions both with and without DALI supply. Depending on the version used, a power supply for the DALI bus might be required.

Devices

- | | |
|-------------|--|
| LUMINAIRE | Dimmable DALI downlight |
| | Suspension lamp with dimmable LED lamp |
| | Wall lamp with dimmable LED lamp |
| | Linear LED |
| | Casambi Ready suspension lamp |
| SWITCH | Casambi wireless Xpress switch |
| APPLICATION | Casambi App on a smart mobile device
<i>*Not mandatory for daily use.</i> |



Functionality

Wireless Switch



Calendar and Timer

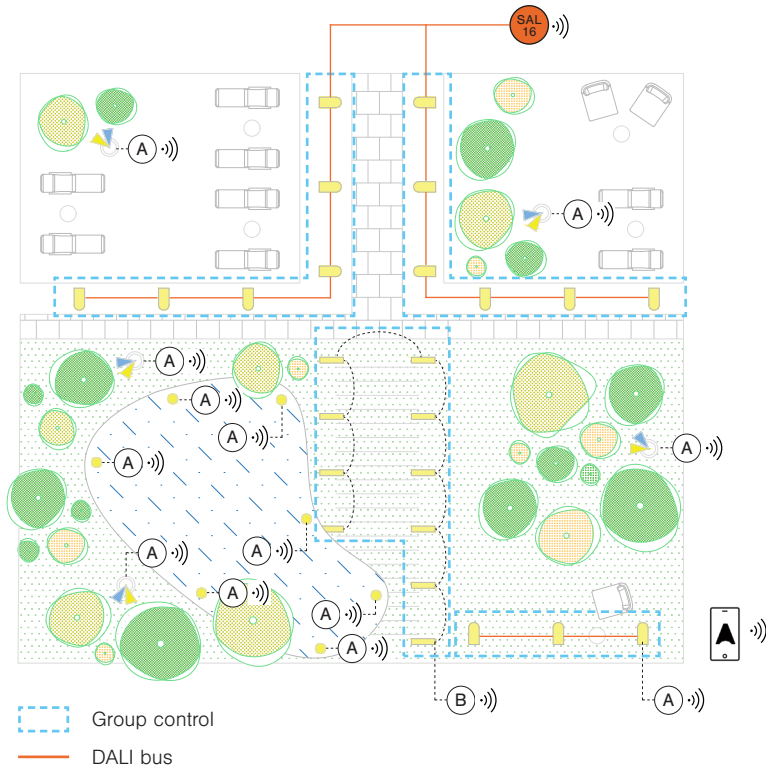


Casambi App on a Smart Mobile Device



Scenes



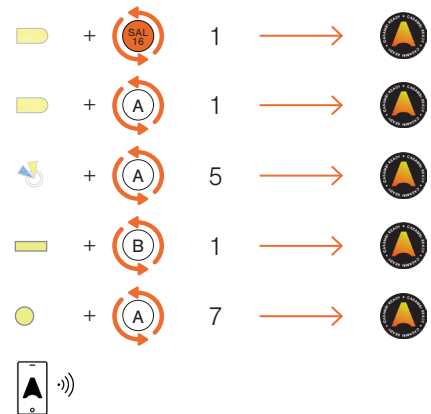


- Standard DALI bollard
- RGBW DALI floodlights
- Standard step luminaire
- Standard DALI pool luminaire
- Casambi wireless DALI controller
- Casambi Ready relay
- Casambi Salvador 16 DALI Controller

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Devices

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Functionality

Casambi App on a Smart Mobile Device



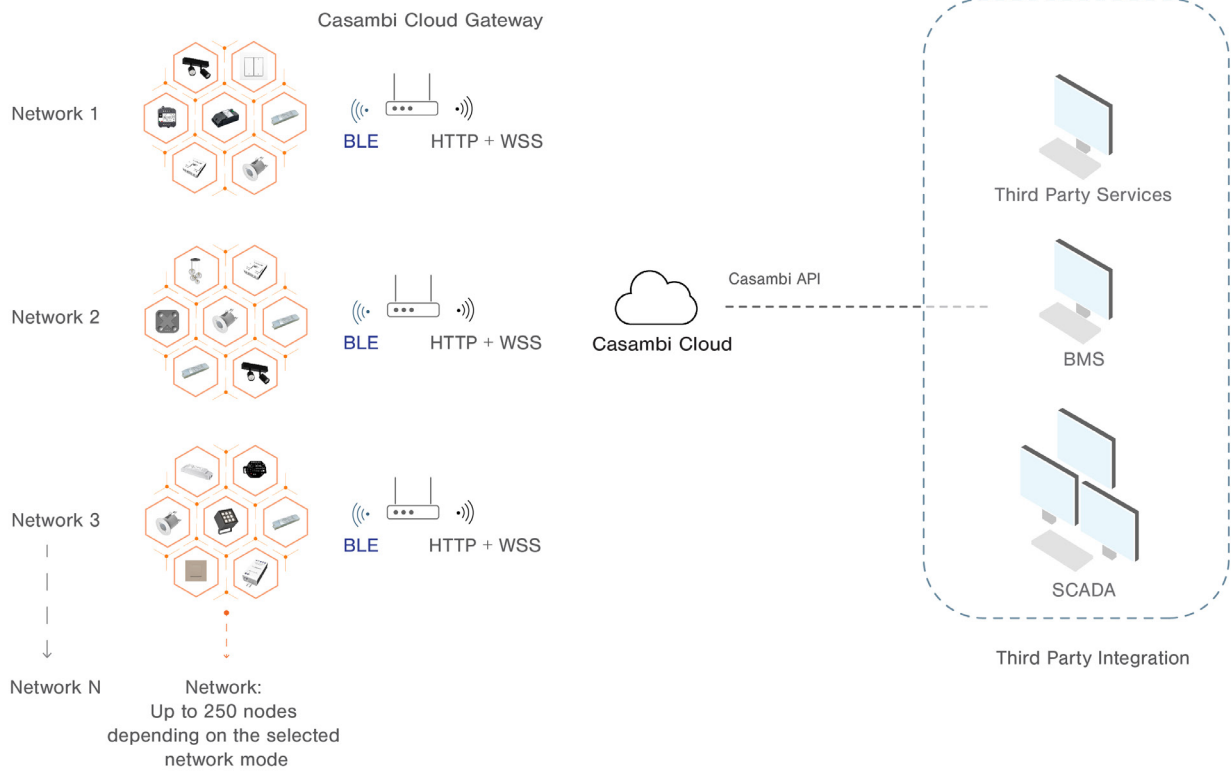
Calendar and Timer



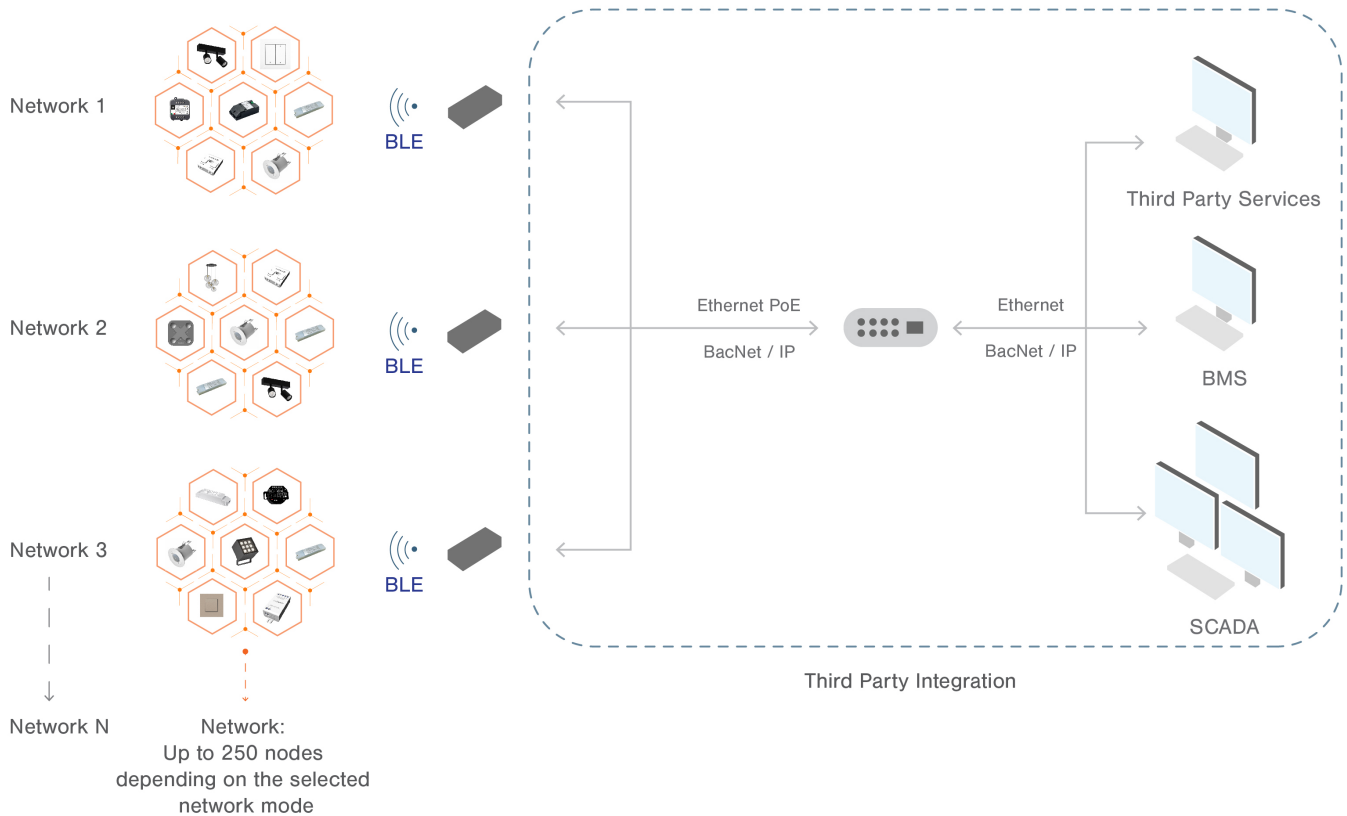
Scenes



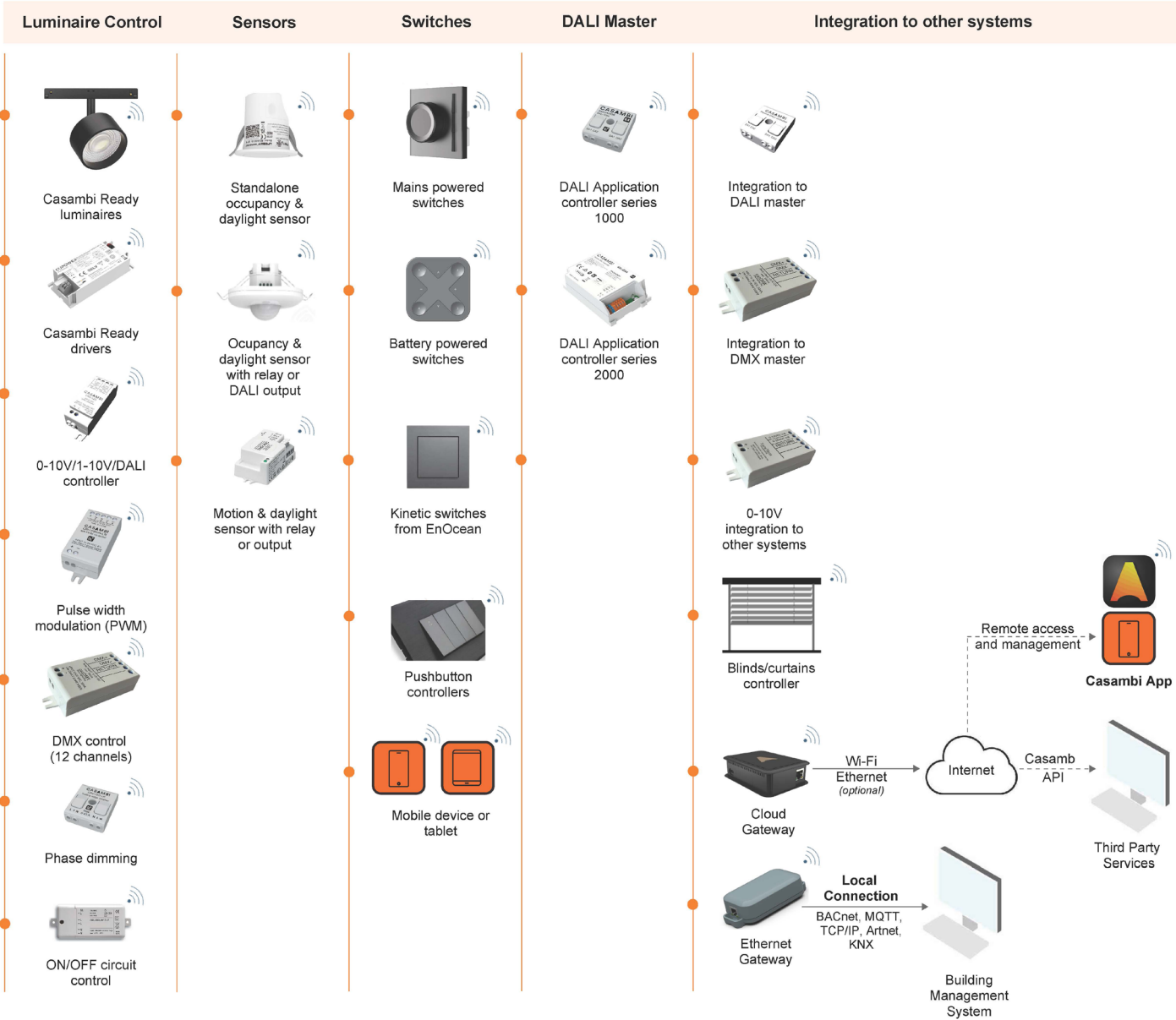
Linking multiple networks with Casambi Cloud Gateway



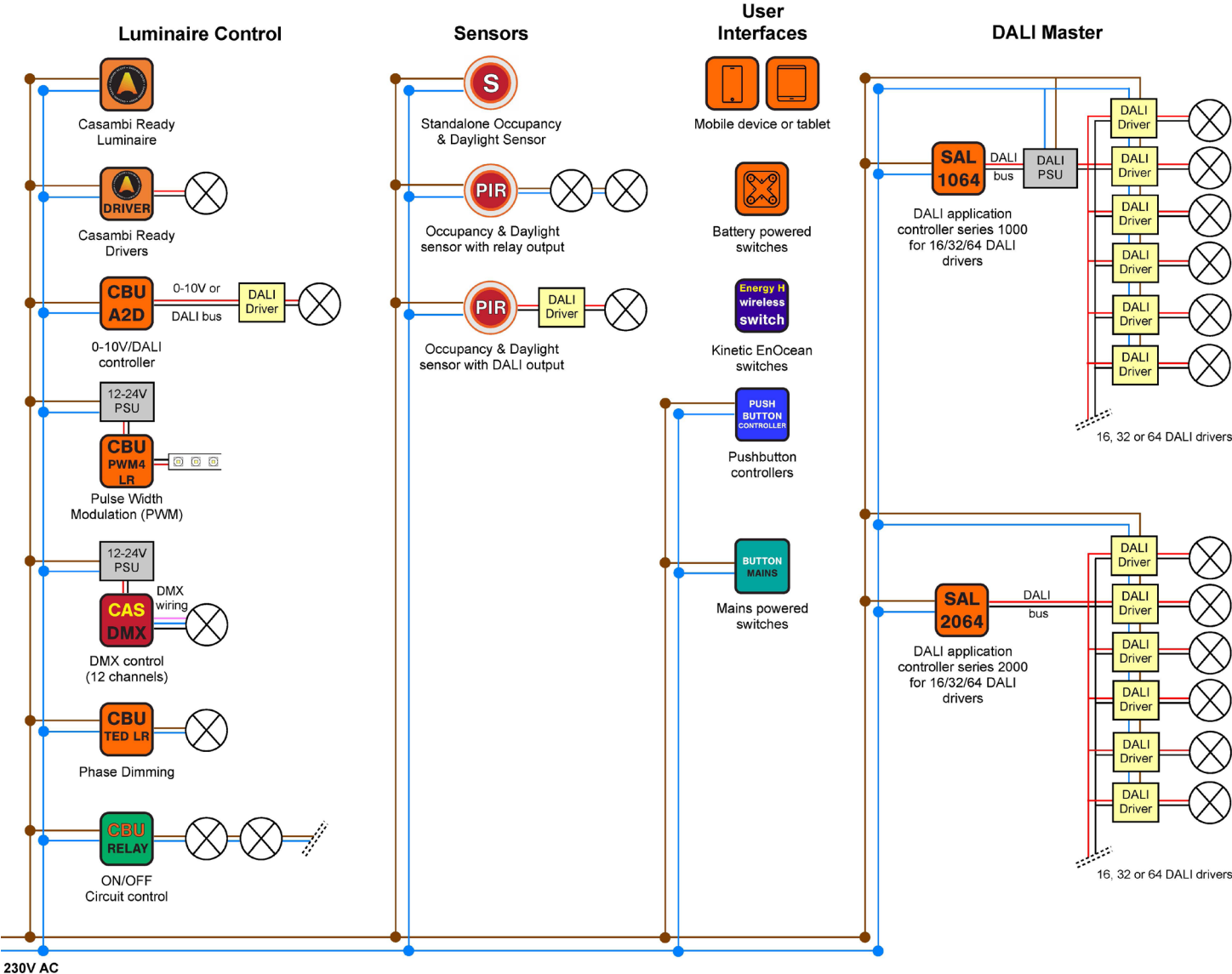
Linking multiple networks locally



Casambi System Diagram



Casambi System Diagram



Casambi System Diagram

Integration to other systems

