

Highlights



In recent years, people have been spending more time in their homes, especially those who have hybrid, flexible or fulltime work-from-home contracts. This situation has led to a notable trend toward home designs that make better use of space. Distinct zones are created using semi-permanent partitions that can be moved around to offer more flexibility.

Open and multifunctional spaces require versatile and well-planned lighting to integrate and zone successfully. The lighting solution should offer the opportunity to easily jump between different lighting scenarios according to activity and mood – ie. From work mode to chillax time.

Decorative and technical luminaires in association with a lighting control system can be used to ensure that illuminance levels, brightness and color temperature are always adjusted to suit the current tasks, needs and mood.

Casambi's wireless lighting control technology is contributing significantly to a modern-day revolution in how people are taking advantage of lighting, not only to illuminate a space but also to enjoy different experiences, increase a home's security levels and even aid with lowering the energy bill.

Casambi's Bluetooth Low Energy based technology provides lighting designers and manufacturers with the ability to wirelessly link devices together enabling the creation of personalized smart lighting networks that are easily configured and controlled using the Casambi App.

Owner

- 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

Installer & Commissioner

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

Consultant & Lighting Designer

- Freedom in product choice & design flexibility
- Versatility and flexibility for all applications
- No complex wiring diagrams

Building Occupants

- Unparalleled user and visitor experience
- Visual comfort & wellbeing
- Task tuning and personalization
- Human centric lighting & customizable circadian profiles

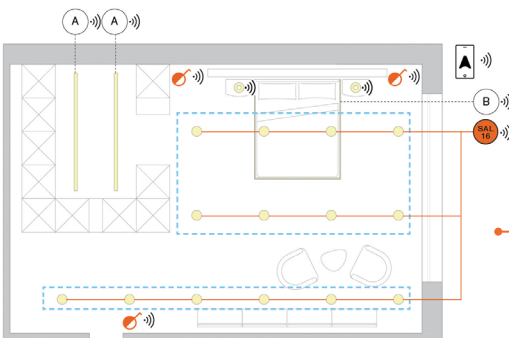
How to read this guide?

Room Type

Solution Type

2. Bedroom

Group Control



Group control

— DALI bus

Benefits

Casambi Application: You can create separate control groups or create new control groups anytime via the Casambi App.

Using Casambi Ready products would be the easiest and most economic option.

Devices

<p>LUMINAIRE</p> <p>Casambi Ready luminaire</p> <p>Tunable White LED luminaire</p> <p>Standard luminaire DALI</p> <p>Linear LED with power supply</p> <p>SWITCH</p> <p>Casambi Ready wireless switch</p> <p>APPLICATION</p> <p>Casambi App on a smart mobile device</p> <p><small>*Not mandatory for daily use.</small></p>	<div style="display: flex; align-items: center;"> 2 2 1 1 </div> <div style="display: flex; align-items: center; margin-top: 5px;"> 1 </div> <div style="display: flex; align-items: center; margin-top: 5px;"> 2 1 </div> <div style="display: flex; align-items: center; margin-top: 5px;"> 1 </div>
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Functionality

Casambi App on a Smart Mobile Device

Calendar and Timer

Human Centric Lighting

Learn about the products used in the space

Understand how the products are laid out in the space

Understand the benefits

Understand what products would be needed to achieve the strategies

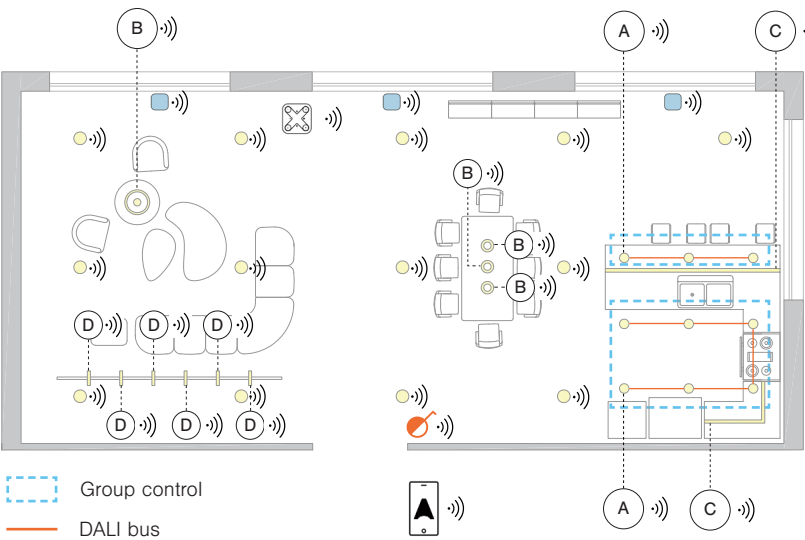
Learn what strategies can be implemented in the space

4 Residential - V3.0 EN

For more information www.casambi.com/ecosystem

1. Living and Dining Area

Individual Control



- Casambi Ready luminaire
- Standard luminaire DALI
- Standard luminaire with dimmable LED lamp
- Linear LED with power supply
- Standard track luminaire
- Casambi Ready switch
- Casambi wireless Xpress switch
- Casambi Ready blind controller
- Casambi wireless controller DALI
- Casambi wireless phasecut dimmer
- Casambi wireless 4-Channel PWM dimmer
- Casambi Ready In-Track driver

Devices

LUMINAIRE	Casambi Ready luminaire
	Standard luminaire DALI
	Standard luminaire with dimmable LED lamp
	Linear LED with power supply
	Standard track luminaire
SENSOR	Casambi Ready blind controller
SWITCH	Casambi Ready switch
	Casambi wireless Xpress switch
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>



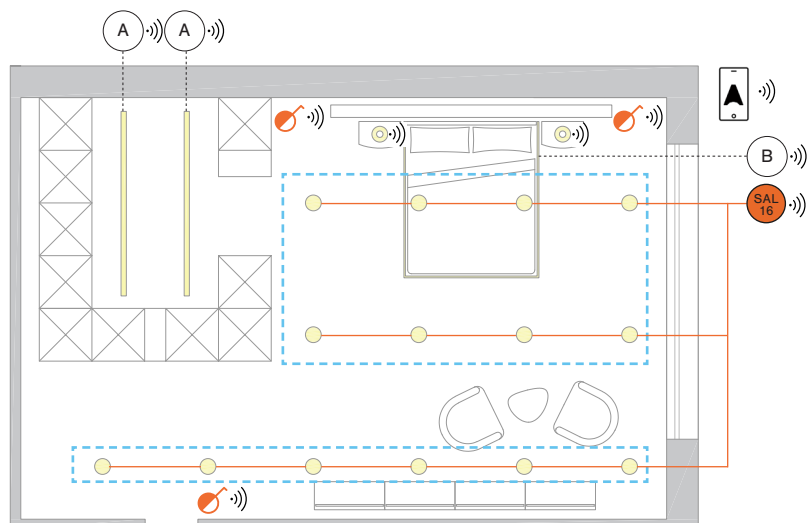
Functionality

- Casambi App on a Smart Mobile Device
- Human Centric Lighting
- Calendar and Timer



Benefits

Predesigned scenes and luminaire groupings provide various lighting scenarios for different functions – circadian lighting for working areas, reduced level of illuminance for relaxing spaces, daylight harvesting systems next to windows. Your bespoke needs can be easily programmed in the Casambi App.



Group control

DALI bus

Benefits

Casambi Application: You can create separate control groups or create new control groups anytime via the Casambi App. Using Casambi Ready products would be the easiest and most economic option.

Devices

LUMINAIRE

Casambi Ready luminaire

Tunable White LED luminaire

Standard luminaire DALI

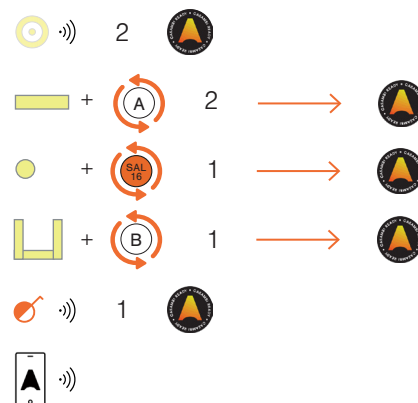
Linear LED with power supply

SWITCH

Casambi Ready wireless switch

APPLICATION

Casambi App on a smart mobile device
*Not mandatory for daily use.



Functionality

Casambi App on a Smart Mobile Device

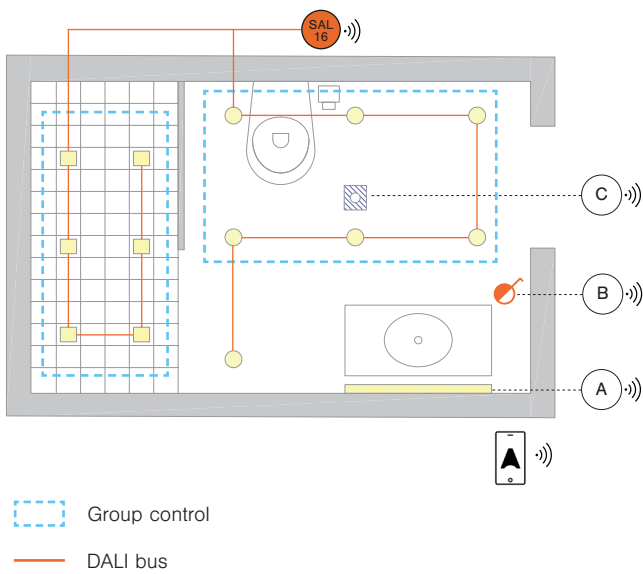


Calendar and Timer



Human Centric Lighting

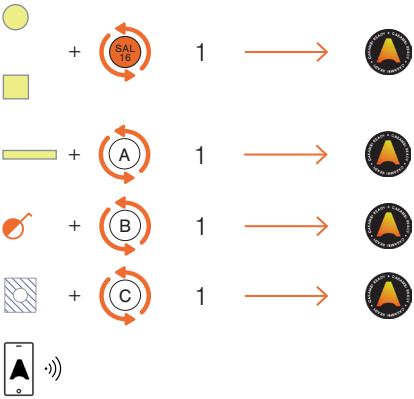




- Standard DALI luminaire
 - Standard DALI luminaire
 - Linear LED with power supply
 - Conventional wired switch
 - Exhaust Fan
 - (A) Casambi wireless 4-Channel PWM dimmer
 - (B) Casambi Ready Input controller
 - (C) Casambi Ready Relay
 - (SAL 16) Casambi Salvador 16 DALI Controller
- The Casambi 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

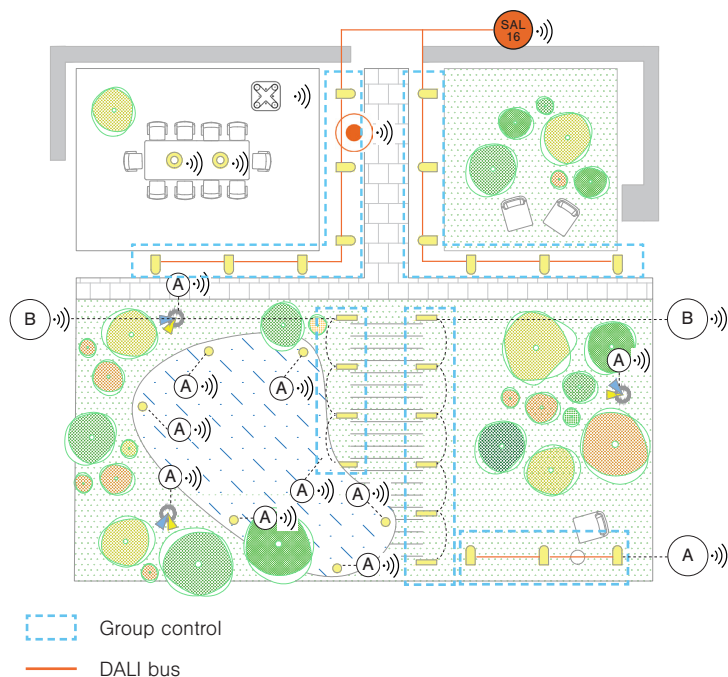
LUMINAIRE	Standard DALI luminaire
	Standard DALI luminaire
	Linear LED with power supply
SWITCH	Conventional wired switch
OTHER	Exhaust Fan
APPLICATION	Casambi App on a smart mobile device <i>*Not mandatory for daily use.</i>



Functionality

Casambi App on a Smart Mobile Device





- Casambi Ready luminaire
- Standard DALI luminaire
- RGBW DALI floodlights
- Standard DALI pool luminaire
- Standard step luminaire
- Casambi Ready occupancy and light sensor
- Casambi wireless Xpress switch
- Casambi wireless DALI controller
- Casambi Ready relay
- Casambi Salvador 16 DALI Controller

Wireless DALI controllers with high IP rating can be used wherever you have to reckon with moisture during use, for example: Bathrooms, sauna, swimming pools, garden lights, for all outdoor applications.

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	Casambi Ready luminaire
	Standard DALI luminaire
	Standard DALI luminaire
	RGBW DALI floodlights
	Standard DALI pool luminaire
	Standard step luminaire
SENSOR	Casambi Ready occupancy and light sensor
SWITCH	Casambi wireless Xpress switch
APPLICATION	Casambi App on a smart mobile device *Not mandatory for daily use.



Functionality

Wireless Switch



Casambi App on a Smart Mobile Device



Occupancy Detection



Calendar and Timer



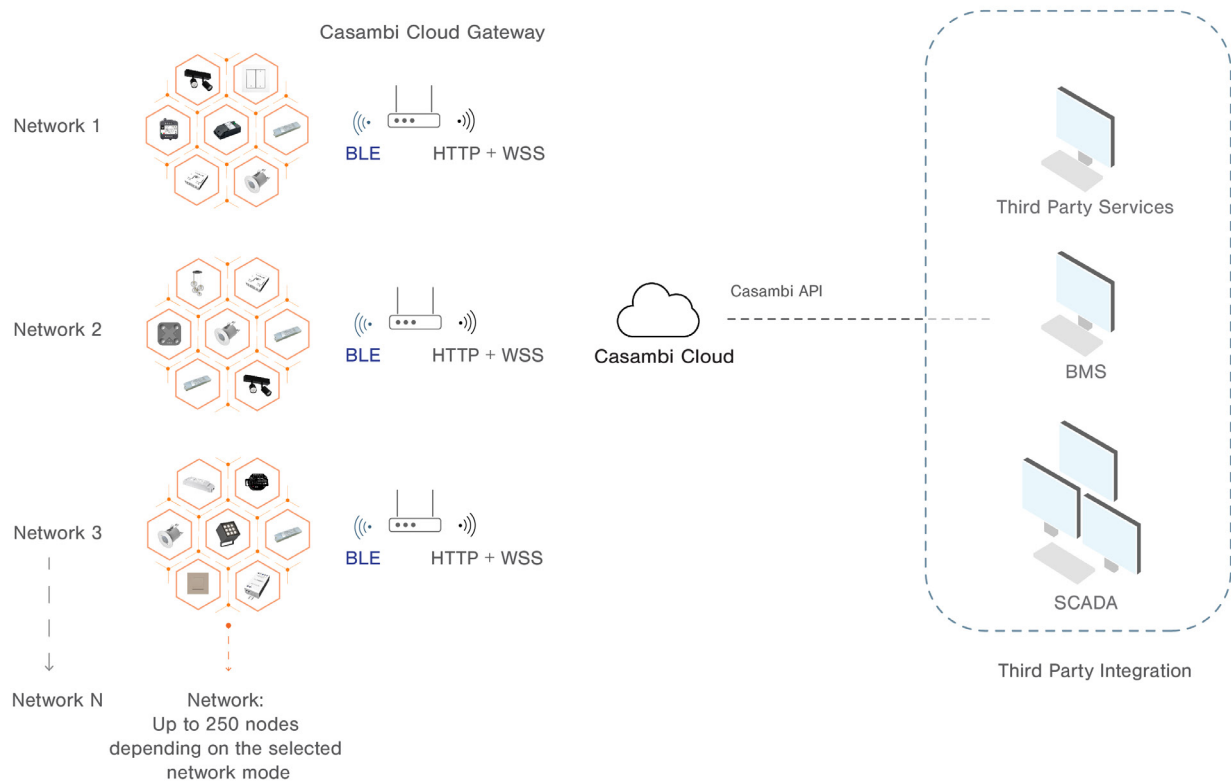
Daylight Harvesting



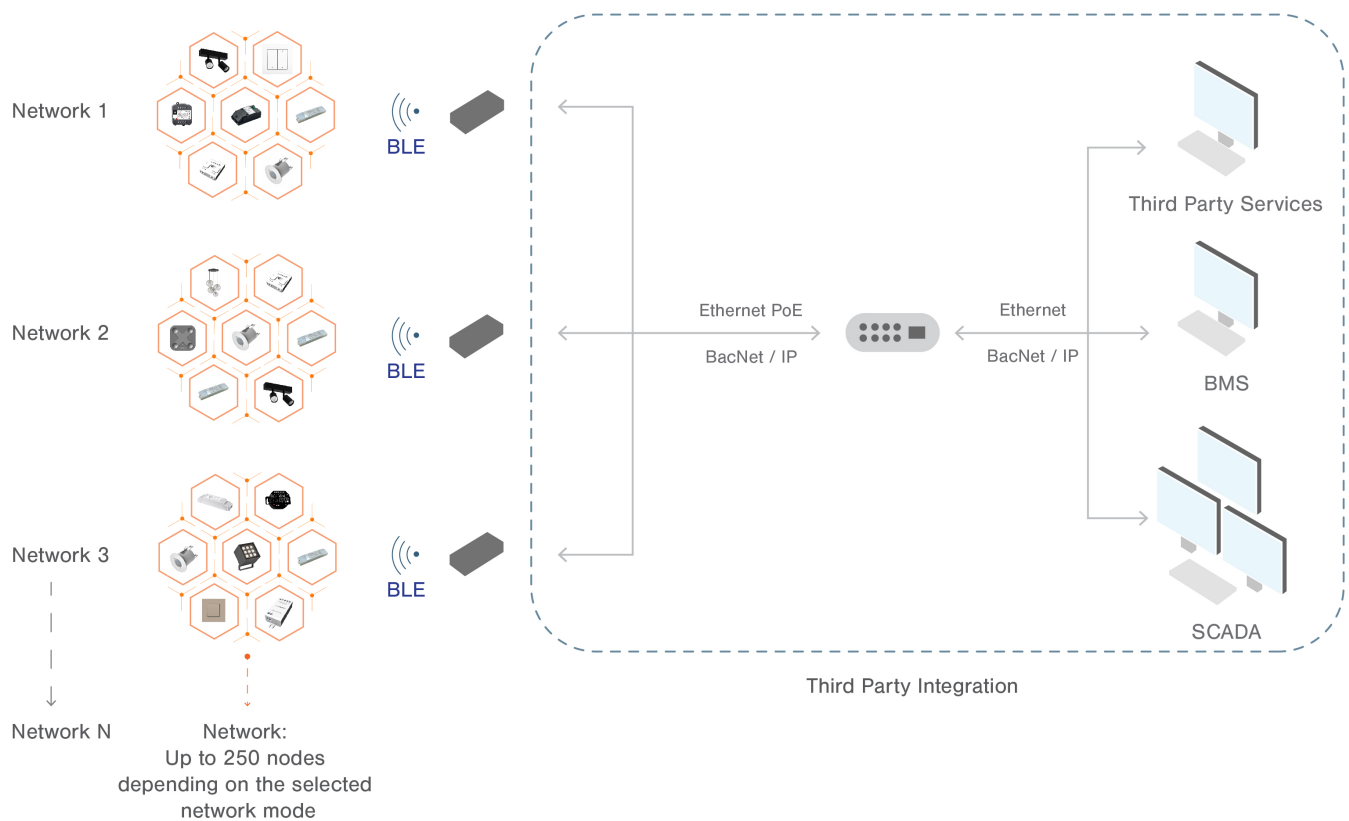
Data Analytics



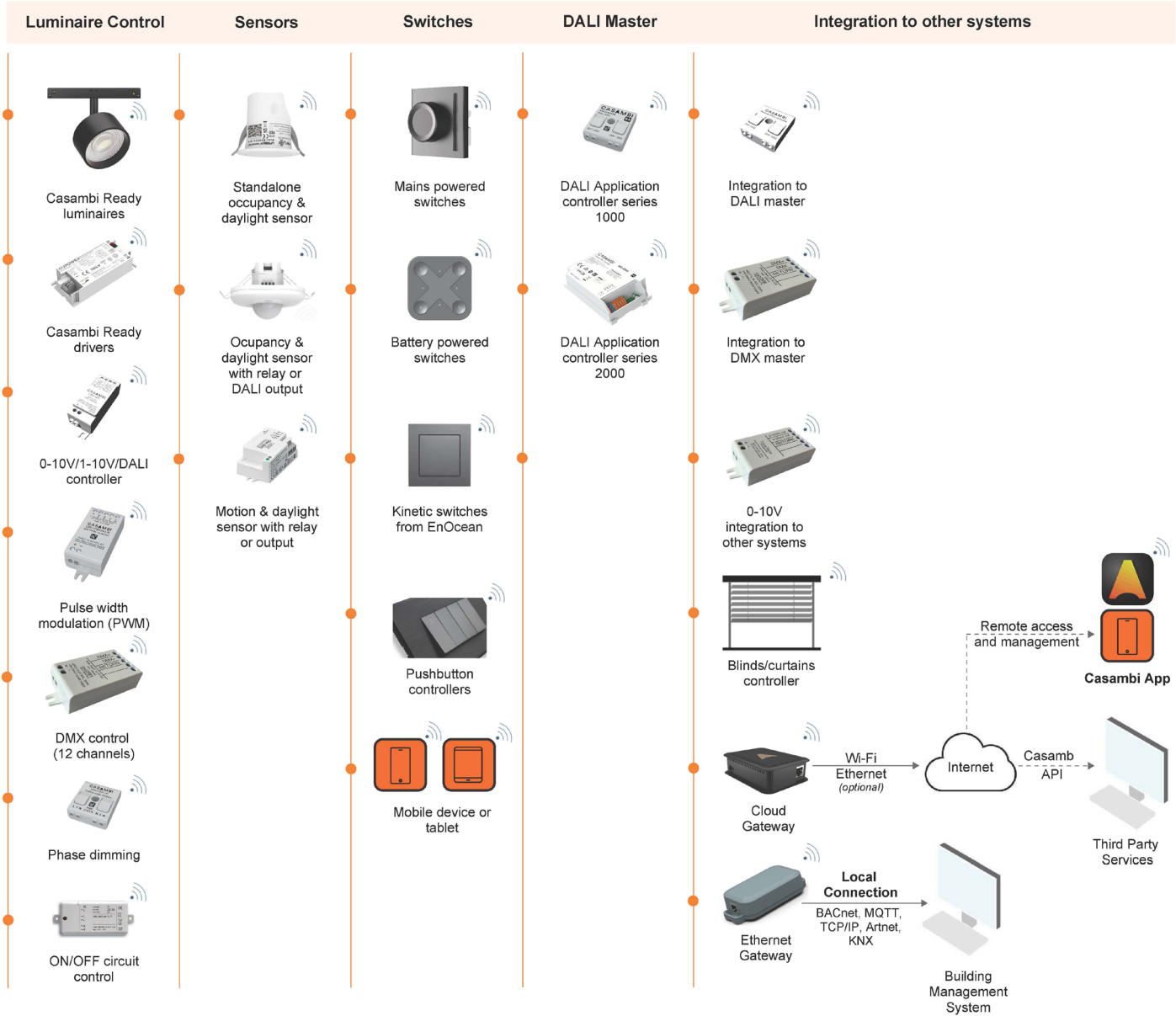
Linking multiple networks with Casambi Cloud Gateway



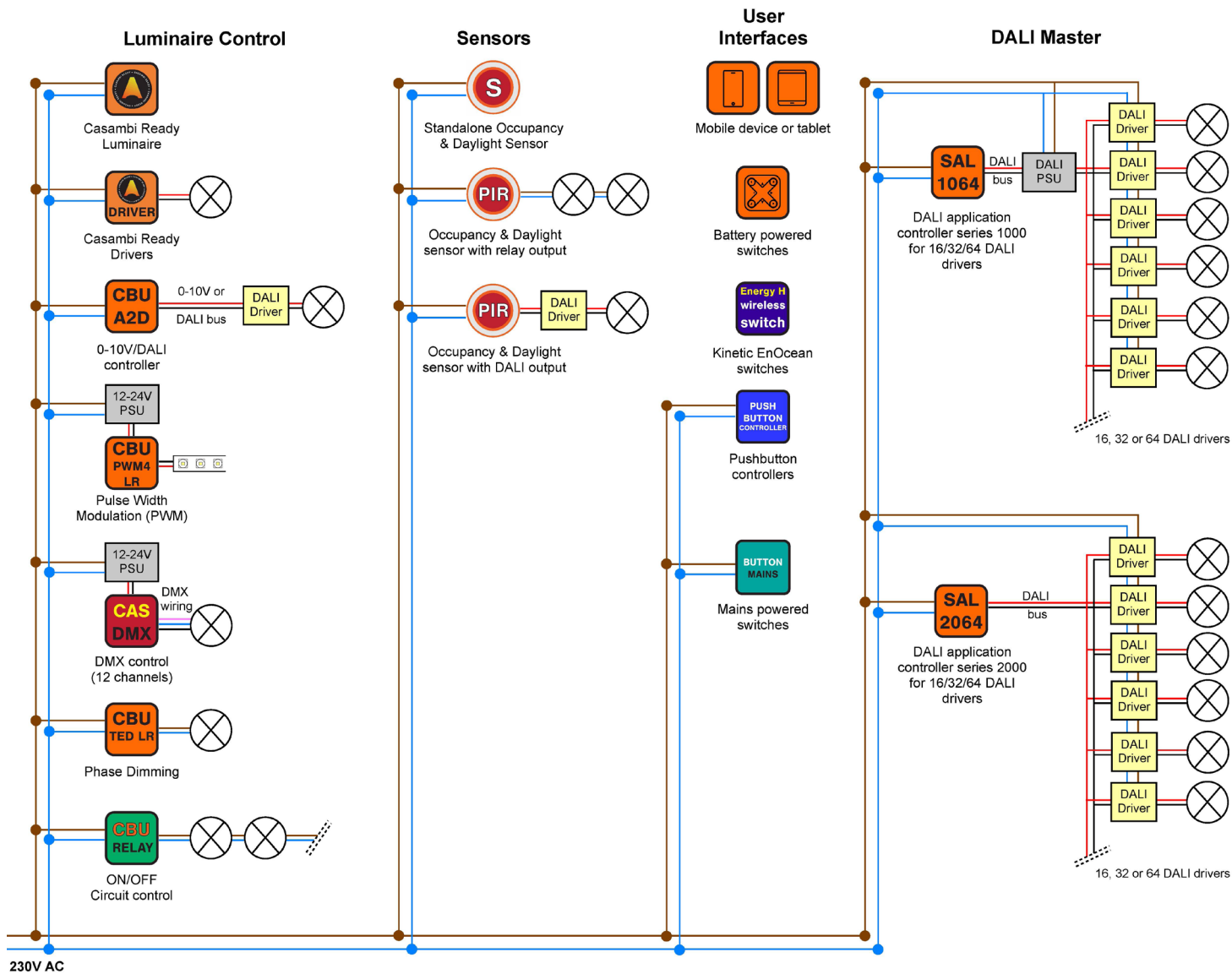
Linking multiple networks locally



Casambi System Diagram



Casambi System Diagram



Casambi System Diagram

Integration to other systems

