

RIDI
GROUP
CONTROLS

Wireless
Smart Control

Overview

RIDI Smart Control is a wireless lighting control system based on a Bluetooth mesh network powered by Casambi technology.

Each luminaire or control device contains a Bluetooth radio which communicates with all the other devices, allowing comprehensive control with the minimum of installation requirements.

RIDI Smart Control is configured using standard IOS or Android mobile devices and offers a free App for adjusting light levels and recalling scenes.



Energy Saving

Motion Detection

Wireless multisensor sensors detect occupancy and allow both presence and absence control regimes.

Using presence detection, lights switch on and off automatically with occupancy. With absence detection, lights need to be switched on manually but still switch off automatically.

Daylight Harvesting

A room with daylight is more natural and comfortable to work in. It also means that less artificial light is needed. Automatic dimming and switching of the lighting maintains the right lighting levels and reduces energy usage.

Time Control

Lighting output and settings can be timed to match your building's usage. Each area can respond to the type of usage based on day and time.

Maintenance

Fault Monitoring

RIDI Smart control constantly checks all the DALI lights connected. Should a fault occur, such as a lamp failure it will be reflected in the mobile app.

Convenience and Wellbeing

Scene Setting and Sequences

Change the mood or function of a room at the touch of a button. And you can fine tune those scenes any time using the free mobile App.

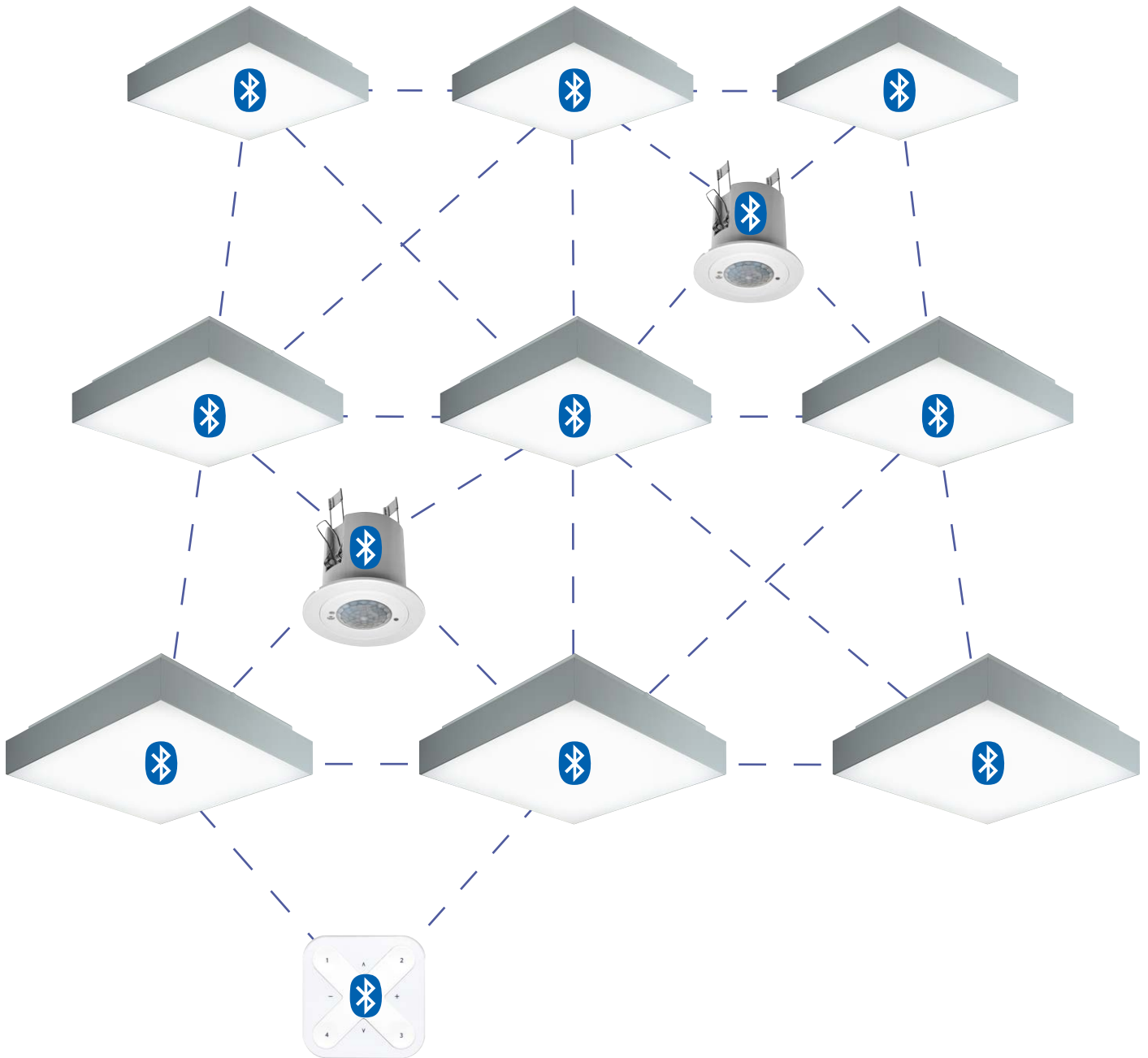
Sequences of scenes can be recalled automatically at certain times or at the push of a button.

Circadian rhythms and Tuneable White

Daylight is never static, it changes in colour and intensity from dawn to dusk. Used with RIDI group tuneable white luminaires, the system is able to mimic this cycle to promote wellbeing.



Topology



Light fittings and sensors only require a mains connection. Switches and scene plates are either wireless and batteryless or contain a long life Lithium coin battery - in either case no wiring is required.

The Bluetooth mesh network allows all communications between lights, sensors and switches.

Luminaires



DALI

Virtually all RIDI-group DALI luminaires are available with the Casambi powered Wireless Smart Control option



Decorative

Products from the Li:Fy range with E27 lampholders can be supplied with dimmable decorative LED lamps and Wireless smart control option.

Sensors



Recessed



Surface



Directional



High Bay

All sensors communicate solely via the bluetooth mesh network and only require an unswitched mains supply

HMI / UI



Xpress Scene Plate

Battery powered sceneplate with four scene buttons, raise lower and colour temperature controls. All buttons freely configurable in the APP



Dolphin Switch

Totally batteryless and wireless four way switch. Kinetic switch converts presses to electrical current to power the Bluetooth LE radio. Four freely configurable buttons



App

Full control and configuration of the entire lighting system from an IOS or Android mobile device.

RIDI GROUP

RIDI Lighting Ltd

8/9 The Marshgate Centre. Parkway, Harlow Business Park, Harlow, Essex. CM19 5QP

Tel: +44 (1279) 450882 | Fax: +44 (1279) 451169

www.ridi.co.uk | info@ridi.co.uk

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