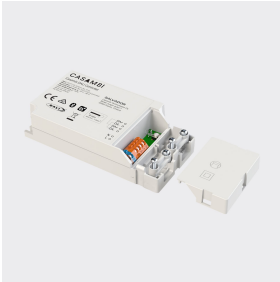


Last information update: March 2025

**Product code**

XA71: Casambi-DALI interface 16 addresses for flush-mounted installation

Technical description

Casambi-DALI Bluetooth Interface. Works with the Casambi app available for Apple and Android devices. The interface sends commands via the DALI line to iGuzzini devices and allows the creation of hybrid networks consisting of Casambi lighting fixtures and DALI lighting fixtures. All DALI devices connected to the interface can be programmed and identified with the app individually, just like any Casambi device. A Casambi-DALI 16 interface appears as 1 Casambi node, and each wired DALI address appears as 1 Casambi node in the app. The maximum number of nodes for each Casambi network is 250 (a combination of Bluetooth wireless and wired DALI). "Long Range" network mode compatible. With this setting, all devices in the network must be of the Long Range type and set.

- Control up to 16 DALI / DALI-2 addresses
- Control of individual DALI address
- DALI output - DT6 / DT8 (XY, Tc, RGBWAF)
- DALI bus current: 130 mA
- DALI bus voltage: 12-15 V
- Bluetooth Low Energy frequency: 2402...2480 MHz
- Maximum transmission power: +8 dBm
- Mesh network operation max 127 or 250 Casambi devices (Classic or Evolution network)
- Long Range mode compatible: max 60 recommended devices
- Integrated RTC (Real time clock). Backup max 12 hours
- OTA (over the air) update
- Integrated and activatable beacon via app, protocol: iBeacon
- Operating temperature: -20...+50 °C
- Input voltage: 220 - 240 Vac - Frequency: 50/60 Hz
- Maximum primary current: 70 mA

DALI lux/motion sensors or DALI switches cannot be connected to the DALI line. Use the appropriate Casambi components.

Installation

Mounted on a false ceiling or inside a protective box.

Colour

Indeterminate (00)

Wiring

Terminal block with quick clamping via "push" connectors. Cable section allowed from 0.2 to 1.5 mm². Equipped with cable clamp and snap-on protective cover.

Notes

Theoretical maximum range between adjacent interfaces: indoors 50 m, outdoors 200 m in line of sight. The maximum distance is influenced by various factors, including the presence of physical obstacles such as concrete walls or metal panels. Avoid installation in metal containers.

To use the XA71 interface, simply download the Casambi app on your smartphone/tablet from the App Store or Google Play.

Complies with EN60598-1 and pertinent regulations

**IP20**

Technical data

Control: Casambi
