Wireless DALI

Design iGuzzini **iGuzzini**

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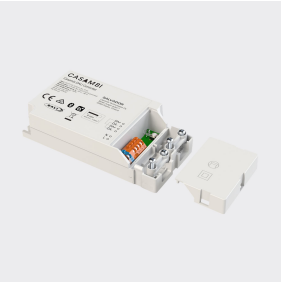

Product code
XA70: Casambi-DALI interface 32 addresses for flush-mounted installation

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 devices and DALI lighting devices. All DALI devices connected to the interface can be programmed and identified individually with the app, in the same way as any Casambi device. A Casambi-DALI 32 interface counts as 1 Casambi node, each wired DALI address counts as 1 Casambi node on the app. The maximum number of nodes for each Casambi network is 250 (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.
- Control up to n. 32 DALI / DALI-2 addresses
- Control of the single 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
- Operation in mesh network max 127 or 250 Casambi devices (Classic or Evolution network)
- Long Range mode compatible: max n.60 devices recommended
- Integrated RTC (Real time clock). Max backup of 12 h
- Update via OTA (over the air)
- Integrated beacon and can be activated via app, protocol: iBeacon
- Operating temperature: -20...+50 °C
- Input voltage: 220 - 240 Vac - Frequency: 50/60 Hz
- Maximum primary current: 70 mA

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

Installation
Supported on suspended ceilings or inside protective boxes.

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
Maximum theoretical range between adjacent interfaces: 50 m indoors, 200 m outdoors in line of sight. The maximum distance is influenced by several factors, including the presence of physical obstacles such as concrete walls or metal panels. Avoid installation in metal containers
To use the XA70 interface, simply download the Casambi app on your smartphone / tablet available on the App Store and Google Play

Complies with EN60598-1 and pertinent regulations

IP20

Technical data

Control:	Casambi