

Last information update: March 2025



#### Product code

XA73: Casambi-DALI Interface - 16 addresses for mains voltage track

#### Technical description

Bluetooth Casambi-DALI interface for mains voltage tracks. Operates with the Casambi app available for Apple and Android devices. The interface sends commands on the DALI line of the track to iGuzzini luminaires and enables the creation of hybrid networks consisting of Casambi lighting luminaires and DALI luminaires.

All DALI luminaires installed on the track can be programmed and managed individually with the app, just like any Casambi fixture.

One Casambi-DALI 16 interface counts as 1 Casambi node, and each DALI address on the track counts as 1 Casambi node in the app. The maximum number of nodes per Casambi network is 250 (a mix of Bluetooth wireless and DALI addresses on the track).

Compatible with "Long Range" network mode—this setting requires all devices in the network to be Long Range type and set.

-Control up to 16 DALI/DALI-2 addresses

-Individual DALI address control

-DALI output - DT6 / DT8 (XY, Tc, RGBWAF)

-DALI bus current: 70 mA

-DALI bus voltage (typ): 16 V

-Bluetooth Low Energy frequency: 2402–2480 MHz

-Maximum transmission power: +8 dBm

-Mesh network functionality: maximum 127 or 250 Casambi devices (Classic or Evolution network)

-Compatible with Long Range mode: recommended maximum of 60 devices

-OTA (over-the-air) updates

-Built-in beacon, activatable via the app (protocol: iBeacon)

-Input voltage: 220–240 Vac - Frequency: 50/60 Hz

-Maximum mains current: 17 mA

#### Installation

Only for use with iGuzzini tracks (produced from 2016 onwards).

#### Colour

White (01) | Black (04)

#### Mounting

three circuit track

#### Wiring

The interface does not require wiring. The track where it is inserted needs only mains voltage. The DALI line must not be used by other control devices or connected externally. If 2 or more interfaces are used on a long track section, the DALI lines controlled by each interface must be kept separate.

#### Notes

Maximum theoretical range between adjacent interfaces: indoors 50 m, outdoors 200 m in line of sight. The maximum distance is influenced by factors such as physical obstacles like concrete walls or metal panels.

To use the XA73 interface, simply download the Casambi app on the smartphone or tablet, available on the App Store and Google Play.

Complies with EN60598-1 and pertinent regulations



#### Technical data

Control: Casambi