

Last information update: March 2025



#### Product code

XA72: Casambi-DALI Interface, 32 addresses for mains voltage tracks

#### 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 32 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 32 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 installation on iGuzzini tracks (manufactured from 2016 onwards).

#### Colour

White (01) | Black (04)

#### Mounting

three circuit track

#### Wiring

The interface requires no wiring. The track where it is inserted must only have mains voltage. The DALI line must not be used by other control devices or externally connected. If two or more interfaces are used on a long track section, the DALI lines controlled by each interface must be kept separate.

#### Notes

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

To use the XA72 interface, simply download the Casambi app from the App Store or Google Play onto the smartphone/tablet.

Complies with EN60598-1 and pertinent regulations



IP20

#### Technical data

Control: Casambi