

CBU-1032-70-TRACK



The Salvador 1000 Controller (Gateway) performs two functions at once: It creates a wireless CASAMBI network node and a wired DALI infrastructure supporting up to 32 addresses. Included is a DALI power supply that powers the gateway and gives 70mA of current to your fixtures.

≡ Gates

🔗 BLE Mesh, DALI, DALI-2, Track 230V

Description

The controller plugs directly into the 3-phase bus + DALI line (Global XTSC standard). After plugging into the track and performing the addressing procedure, the DALI lamps appear in the "Luminaires" tab in the Casambi application. It is worth noting that this product supports standards such as DALI D4i, DALI DT6 and DALI DT8.

The gateway can only work with luminaires but Casambi switches and sensors and dedicated EnOcean switches can be used in the lighting system. The Salvador 1000 allows you to address, program and control wired DALI controllers individually from the Casambi app. It allows the creation of hybrid networks consisting of both Casambi Ready and DALI devices. All DALI power supplies connected to Salvador can be easily programmed and controlled in the same way as Casambi devices via the Casambi app. This eliminates the need for a special DALI controller or complicated configuration software.

You'll access all functions through the dedicated Casambi APP software (downloadable on the Apple App Store or Google Play Store).

Additional information

How many control points will it support?	032	Maximum number of individual addresses available via the DALI interface
Practical range [m]	50	In "Balanced" mode, where speed and range are optimized for networks of up to 100 nodes.
	30	In "Best Performance" mode, where network speed is achieved at the expense of ranges between nodes
How much power does it control? [W]	Calculate	Depends on the sum of the powers of the connected DALI power supplies
Supply voltage [V]	230	
Current [mA]	2	
Maximum DALI line current [mA]	250	This is the maximum DALI line current described by the standard
Guaranteed DALI line current [mA]	70	This is the maximum available device output current for 32 luminaires connected on the same DALI bus
Operating frequency [Mhz]	2400	Channels in the range of 2402 to 2480 Mhz
Maximum RF transmitter power [dBm]	+8	This is the power measured at the antenna before the housing is mounted, and the ranges depend on many external factors, so use the "practical range" parameter.
Operating temperatures [oC]	-20 to +65	
Maximum humidity [%]	80	Without water vapor condensation, because at a humidity of e.g. 80%, cooling the air causes the vapor to condense, which is harmful to electrical devices.
IP protection class [xy]	20	IP20 protection means that the device is protected against the ingress of solid objects larger than 12 mm in diameter (e.g. fingers), but does not provide protection against water. This is a basic protection standard, used in devices intended for use in dry rooms, where there is no exposure to dust or moisture.
IK protection class [xy]	Not tested	The operating conditions of the device do not provide for mechanical shocks during installation and normal operation.
Overall dimensions L x W x H [mm]	104 x 80 x 108	
Extra Dimensions [mm]	Base diameter 80mm	
Housing material	Polyamide PA	
Weight [g]	190	
Connection	Busbar 230V	Make sure that the adapter and luminaires are compatible with the DALI track system and support DALI control. The adapter must be correctly plugged into the track. Make sure that the contacts are correctly positioned and the adapter is securely attached. Pay attention to the direction of the adapter installation, in accordance with the track manufacturer's instructions, to ensure a correct connection, first connect the power supply and then the control.
Color	Black	...any color You like as long as is black ;)