

DALI-ON

BACnet DALI Lighting Controller

Product Overview

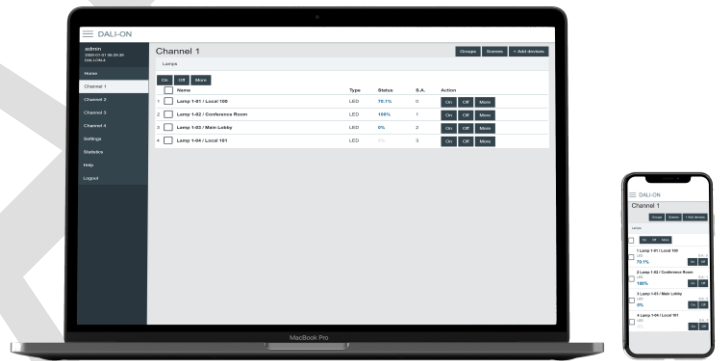
The DALI-ON lighting controller allows bidirectional communication between DALI (Digital Addressable Lighting Interface) networks and BACnet systems. It integrates many functionalities to ease the installation of DALI lighting on the BACnet network. Commissioning can also be performed across all your electronic devices, thanks to its user-friendly and responsive web interface.

Key Features

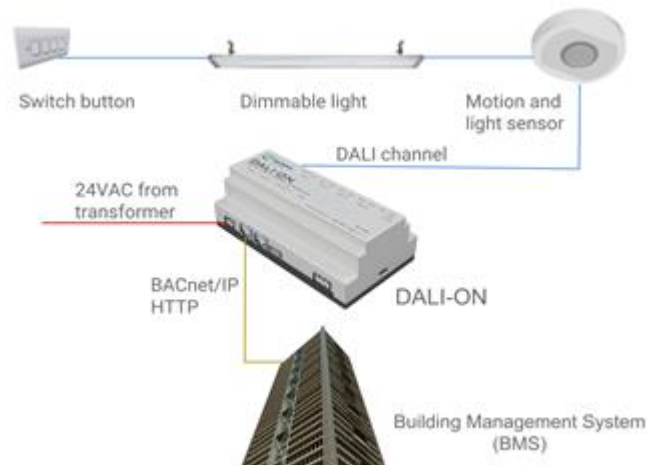
- ✓ Equipped with four DALI channels.
- ✓ Each DALI channel can control up to 64 DALI devices with 16 groups and 16 scenes.
- ✓ BACnet/IP protocol.
- ✓ DALI channels, groups, lamps and scenes are accessible through BACnet standard objects such as; Analog Value, Analog Output, Analog Input.
- ✓ A responsive web interface allows configuring and commissioning, therefore no special software needed.
- ✓ Two ports integrated Ethernet switch.
- ✓ Compact design with DIN rail mount.
- ✓ Integrated diagnosis.



Responsive web interface



Topology for lighting control



DALI

- ✓ DALI commissioning and configuration via web interface.
- ✓ Support for IEC 62386 DALI devices;
 - Fluorescent lamps – 201 (device type 0)
 - Conversion from digital signal into d.c. voltage – 206 (device type 5)
 - LED modules – 207 (device type 6)
 - Switching function – 208 (device type 7).
- ✓ DALI version 1.
- ✓ Integrated DALI packet analyzer.

BACnet

- ✓ Uses the BACnet/IP protocol.
- ✓ Supports BACnet COV (Change of Value) services.
- ✓ Allows controlling DALI ballasts and drivers individually, by group or by channel.
- ✓ Uses Analog Input objects for the feedback of lamps, groups and channels.
- ✓ Uses Analog Output objects for the control of lamps, groups and channels.
- ✓ Uses Multi-State Output objects to recall, store and erase DALI scenes.
- ✓ Many counters are available to help with the diagnostic of the network.

Specifications

Model	DALI-ON-4
Power supply	24VAC, 50/60Hz
Dimension	86 x 70 x 58 mm (L x W x H)
Fixation	DIN rail
Operating temperature	0 °C to 40 °C
DALI channels	4
Ethernet interface	2, RJ45 port, 100BASE-T, BACnet/IP, HTTP
Firmware	Upgradable firmware

Ordering information

Model Number	Model Description
DALI-ON-4	BACnet/IP - DALI, DALI-ON controller with 4 DALI channels