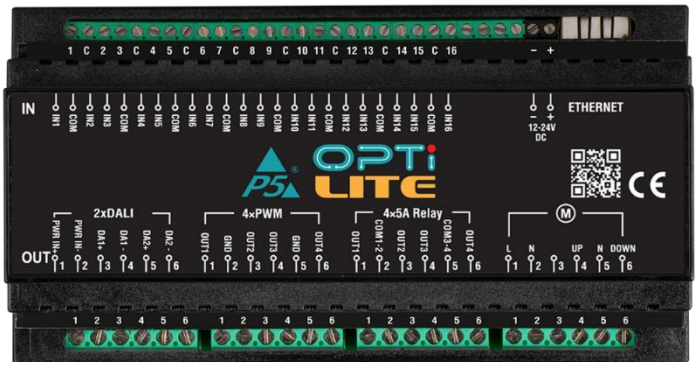
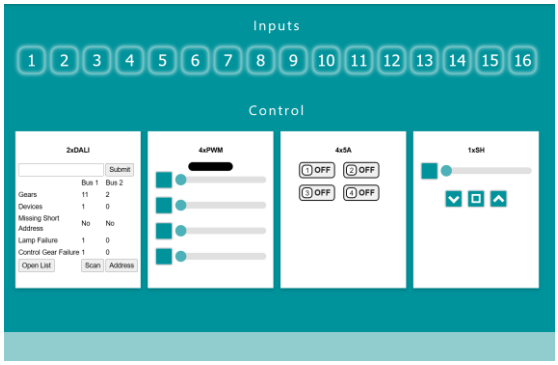
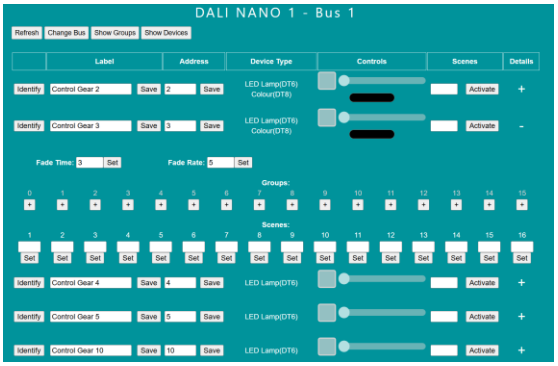
OPTILITE 2xDALI

2xDALI-2 OPTILITE output board for DALI control







OPTILITE 2xDALI-2 OUTPUT BOARD

The OPTILITE 2xDALI-2 output board enables DALI communication between OPTILITE and DALI devices through two independent DALI buses. It requires an OPTILITE device and uses one of the four available OPTILITE slots.

- 2 DALI-2 buses for 64 DALI devices per bus
- Simple web-based configuration and control (scanning, addressing, groups, scenes)
- Supports DT6 and DT8 (RGBW, Temperature Color, XY coordinates) devices
- Control of DALI-2 sensors and other input devices
- Integrated DALI bus power supply
- Bus short-circuit protection
- Retrieving error conditions
- TCP communication protocol (API) with simple ASCII commands
- Drivers/Software modules/Profiles for third party systems
- Firmware upgrade via LAN
- Mix and Match DALI and OPTILITE functions

Technical Specifications

OPTILITE 2xDALI-2 output board

Supported Device Types	
Device Types	DT6 and DT8 (RGBW, Temperature Color) DALI-2 sensors, pushbuttons and other input devices
Connectors: 2.5mm² screw terminals	
PWR IN+, PWR IN-	Standard DC power supply 12,5-22,5 V DC (15-16 V DC is recommended), 1A, input power for DALI output board
DA1+, DA1-	DALI-2 bus 1 (up to 64 DALI devices)
DA2+, DA2-	DALI-2 bus 2 (up to 64 DALI devices)

OPTILITE module

Power Requirements	
OPTILITE main power	12 – 24 V DC
Input parameters	
Contact closure inputs	16 inputs
Maximum resistance	< 10Ω
Output boards	
Number of output boards	Up to 4
Types of output boards	2xDALI-2, 2x16A, 2x16A.BI, 4x5A, 1xSH, 4xPWM, 4x0-10V, 1xFCC-TS (requires two slots), 1xFCC-NTC (requires two slots)
One phase per output board	
Connectors	
Input Terminals	1.5mm² screw terminals
Output Terminals	2.5mm² screw terminals
LAN (100Mb/s)	RJ45 Ethernet Connector
Environmental	
Operating Temperature	0 ^{0}C – 40 ^{0}C (32 ^{0}F – 104 ^{0}F)
Storage Temperature	-20 ^{0}C – 60 ^{0}C (-4 ^{0}F – 140 ^{0}F)
Humidity	Up to 93% (Non condensing)
Physical	
Dimensions (H x W x D)	157 mm x 86 mm x 57 mm (9 DIN unit width)
Weight	max 0.4 kg
Installation	Standard DIN Rail Mount

Approvals	Package Content	Warranty
CE	OPTILITE	2 years