

controlCUE-dali-d

Ethernet IP-enabled controller with DALI, Serial and Versatile ports

Product code: **CS0454**

Main Features



- Wired 10/100 BaseT LAN
- 1x IP control port
- 1x DALI port
- 1x Bi-directional RS-232/485 port
- 4x Versatile port
- ARM® processor platform
- Internal RAM LPDDR 64 MB, flash 256 MB
- Onboard real-time clock
- IR code capture sensor
- Front panel indicators
- Power over Ethernet or 24 VDC power supply
- DIN rail plastic enclosure, width 4 modules
- Web server and Admin Web pages for setup



Description

The controlCUE-dali-d is a fully functional IP controller with DALI (Digital Addressable Lighting Interface) port, one bi-directional RS-232/485 port, and four versatile ports. Fully compatible with CUE touch panels, this controller provides a connection between Cue System and the DALI bus and it can work as a standalone device.

This controller comes with a web server and allows set up through a standard web browser. Unit programming is based on CUE's standard programming tool Cue Visual Composer. A single cable Ethernet connection provides easy network integration. The controller is equipped with Power over Ethernet (PoE) technology enabling an Ethernet network cable to deliver both data and power. The controller installs easily on a DIN rail or a wall.

Specifications

Control ports

- 1x IP control port
- 1x DALI port
- 1x Bi-directional RS-232/485 port
- 4x Versatile port

LED indicators

- Blue Power - indicates power is presented and the unit is ready.
- Green Link - indicates network link and activity.
- Yellow CPU - confirms the system default function is performed.
- Green / Red DALI - indicates DALI port status and activity.
- Green Serial - indicates serial data is being transmitted.
- Red Serial - indicates serial data is being received.
- Green Versatile - indicates the output is closed.
- Yellow Versatile - indicates IR or serial data is being transmitted.

Internal IR sensor

- IR code capture

Button

- System Default sets the default IP address and password.

Real-time and date

- RTC with battery backup

Memory

- Internal RAM LPDDR 64 MB
- Internal non-volatile flash 256 MB

Software technologies

- Admin Web
- XPL² Inside

System communication

- 10/100 BaseT Ethernet, RJ-45 connector

Power supply

- 24 VDC (+/-20%), 3 W, 2-pin 3.5 mm connector
- Power over Ethernet (PoE), IEEE 802.3af compatible

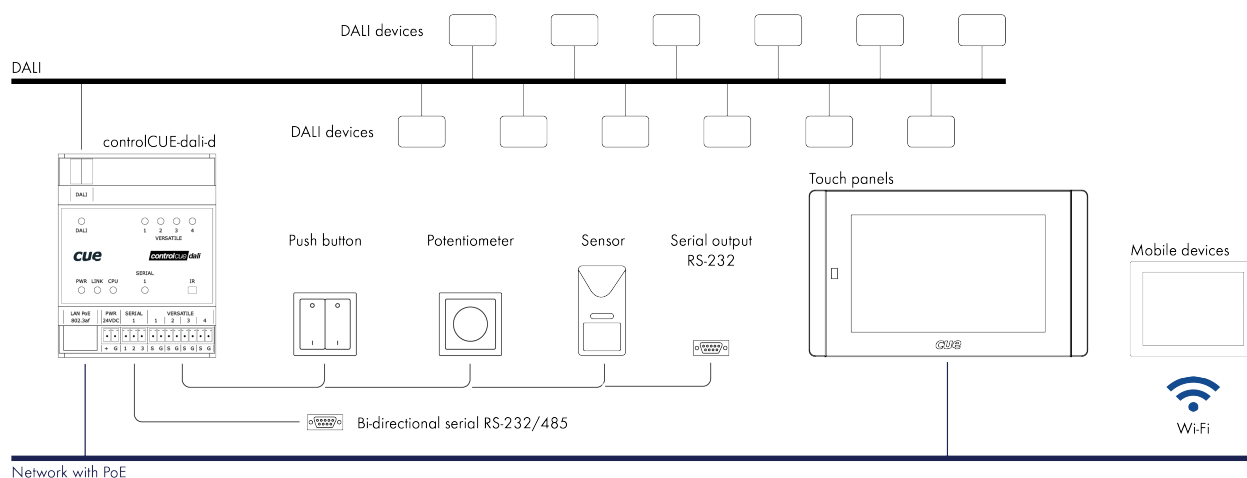
Physical

- DIN rail plastic enclosure compatible with DIN EN 50022
- Width 4 modules
- Dimensions 70 x 90 x 58 mm / 2.8" x 3.5" x 2.3"
- Weight 0.2 kg / 0.5 lb

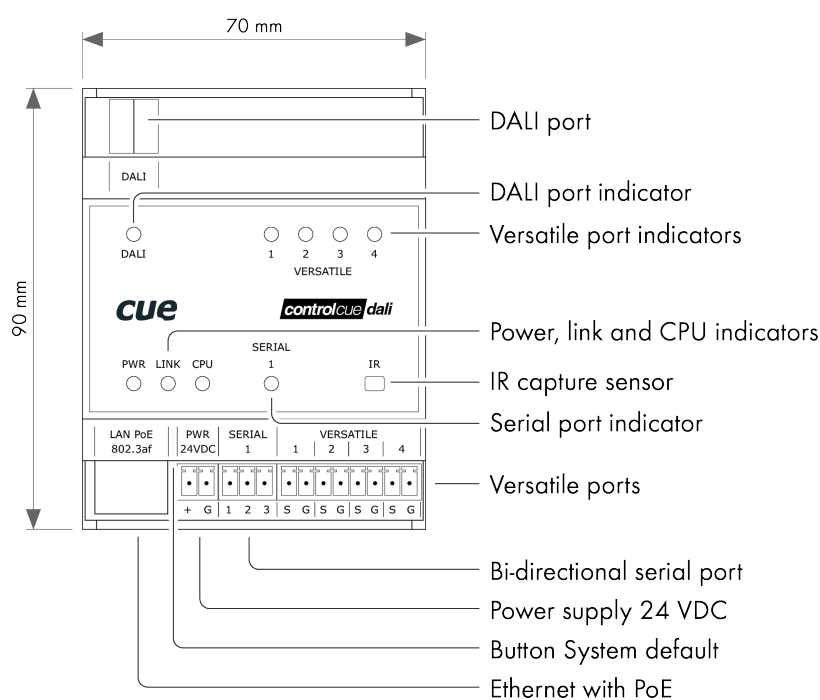
Environment conditions

- Operating temperature 10° to 40° C
- Storage temperature 0° to 60° C
- Relative humidity 10% to 90% non-condensing

Application diagram

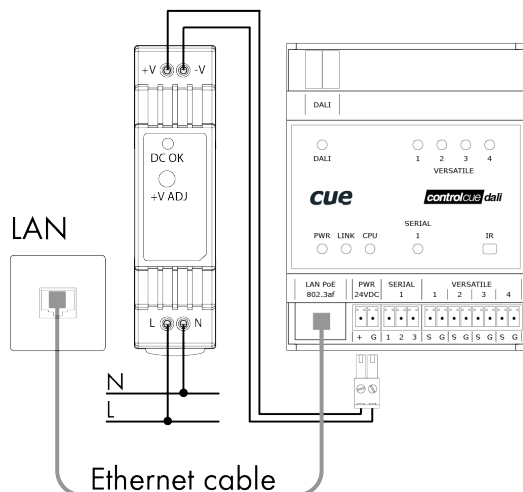


Mechanical description

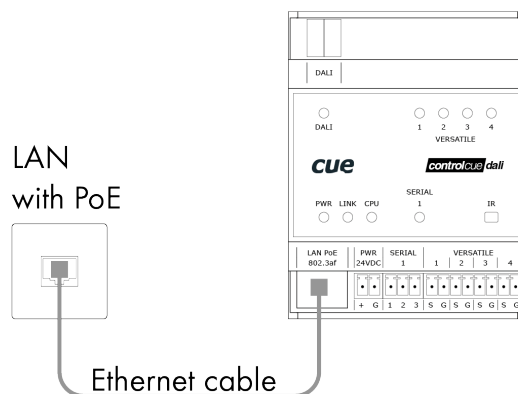


Power supply

Power Supply 24 VDC (delivered DIN rail power supply)



PoE Power Supply



Note: use only one of the power ways, do not connect the 24V power supply if you are using PoE.

Box contents

- Controller controlCUE-dali-d
- Connector set
- Ethernet cable
- DIN rail compatible power supply 24 VDC / 15 W
- Quick Start

Order information

- Product code CS0454

Documentation

More information can be found in CUE Documentation:

- Controllers Setup Guide
- controlCUE-dali-d Quick Start