e:cue
LIGHTING CONTROL

ETH2DALI

e:cue Interfaces

Lighting applications are heterogenous by nature. e:cue interfaces serve to integrate many networks, protocols and third party products into e:cue solutions. They also aid in applying special control functions for fixtures, they integrate analog or mechanical signaling into the digital world and offer bridging functions. e:cue interfaces are the links to bring together the many techniques and technologies of lighting control.

ETH2DALI

The e:cue ETH2DALI interface allows integration of DALI based ballast, couplers, sensors and switches in e:net environments. With its two outputs it controls single channel DALI devices for up to 128 ballasts. In online mode, the ETH2DALI is a DALI and DMX interface for the Lighting Application Suite (LAS). In standalone mode it runs up to eight pre-programmed shows in parallel for eight independent zones. Up to 99 shows can be stored on the internal SC Card. Additionally, it can be master for further Butler S2 devices to extend the number of DMX512 lines. The ETH2DALI is optimized for performance in building automation environments, while its compact form supports easy and intuitive setup in any lighting installation. The ETH2DALI combines functional and creative lighting control in one device.

Main features

- Two DALI interfaces for up to 128 DALI devices
- DMX output for up to 512 DMX channels
- Two SPST relay outputs, six digital dry inputs
- Ethernet/e:net interface for connection to LAS server
- RS-232 interface for remote control of the ETH2DALI
- Test function for DALI ballasts
- Configuration via 2 x 16 character LC display, cursor and test buttons, via LAS or via web browser
- microSD card for show/application storage
- Show control in standalone mode with Mobile Action Pad on iOS or Android, or with a web browser over LAN or WLAN

Delivery scope

	Ident Code
• e:cue ETH2DALI	AA752290035
Power supply	
Cable power supply to ETH2DALI, 0.25 m	
Setup Manual English/German	

Technical data

Certifications	EN 55022, EN 55024, EN 60950 C
Dimensions	142 x 91 x 63 mm/
(W x H x D)	5.6 x 3.6 x 2.5 in
Weight	280 g
Power	24 V DC, max. 630 mA (dep. on # of DALI devices)
Power consumption	max. 15 W
Operating/storage temp.	0 … 40 °C/32 … 104 °F
Operating/storage hum.	0 … 80%, non-condensing
Protection class	IP20, SELV (except DALI)
Housing	PC/ABS
Mounting	on 35 mm DIN rails or wall mount
Cooling	fanless, convection cooling
User interface	6 + 2 LED indicators LC display 2 x 16 characters 8 push buttons
System links	1 x e:net/Ethernet 1 x RS-232
DALI interfaces	2 x DALI, max. 64 devices/line
DMX interface	1 x DMX512, max. 512 channels
Relay outputs	2 x SPST
Digital inputs	6 channels
Data storage	on micro SDcard

(for detailed data see Setup Manual, downloadable from www.ecue.com or www.traxontechnologies.com)

CE

4000805
ETL LISTED
Conforms to ANSI/UL Std 60950-1
Certified to CAN/CSA STD C22.2 No. 60950-1

Intertek

Dimensions

All dimensions in mm

90.5

61.7

142.3

ETH2DALI   C€