

Lighting Control Engine 4 mx



e:cue Lighting Control Engine 4 mx

The e:cue Lighting Control Engine 4 mx (LCE4MX) is a high-performance lighting control server designed for medium-sized and complex projects. Equipped with two preinstalled e:cue software applications, it serves as a powerful and versatile central control unit for sophisticated lighting installations.

As the core of a lighting system, the LCE4MX controls and manages all connected devices and fixtures within a project. It supports e:net, Art-Net, sACN, and DALI-2, ensuring seamless integration into any lighting network. In addition, it enables the integration of external engines, triggers, third-party devices, and multimedia content.

This flexibility makes it an ideal solution for demanding applications — from automation systems and DALI-2 projects to medium-scale architectural illumination.

The LCE4MX can be mounted on DIN rails using a generic DIN rail mounting kit or installed directly on walls.

e:cue Server

Designed to control large and complex lighting projects, the e:cue Server range consists of high-performance lighting engines with pre-installed SYMPHOLIGHT and the Lighting Application Suite (LAS).

Serving as the central control unit, this versatile server ensures reliable and uninterrupted operation by centrally controlling and managing all connected devices and fixtures within a project.

The e:cue Server range is fully scalable, enabling it to adapt to a wide variety of project sizes and system requirements — from demanding architectural installations to extensive, multi-area lighting environments..

Highlights

- Pre-installed with e:cue SYMPHOLIGHT and the e:cue Lighting Application Suite (LAS)
- Industrial-grade components for reliable, uninterrupted operation
- Fanless design with SSD storage — no moving or rotating parts
- Support for multiple lighting control protocols
- Flexible installation: suitable for DIN rail mounting or wall mounting
- Supports headless operation (no keyboard or monitor required)
- Designed, tested, and optimized for maximum system reliability
- Power supply unit included
- Windows 11 LTSC, 10 years security updates
- 5 years warranty

Delivery scope

- e:cue Lighting Control Engine 4 mx
 - with CE only
 - with UL
- Microsoft® Windows 11™
- e:cue SYMPHOLIGHT & License dongle
- e:cue Lighting Application Suite License dongle
- Power supply unit
- Power cords with Schuko and UK plugs
- DIN rail mounting kit
- Welcome card, Safety instructions

Identcode

CL26100016155
see product LCE3MX UL

Optional Accessories

- Ethernet Data Cable (RJ45)
- SYMPL Switch

Identcode

AA556130055
AM313830035

Product specification

Dimensions (W x H x D)	200 x 140 x 55.7 mm / 7.87 x 5.51 x 2.19 in
Weight	1.8 kg / 3.97 lb
Power supply input	External 10 ... 36 V DC, 2.5 ... 9 A
Power consumption	90 W
Operating temperature	-20 ... 60 °C / -4 ... 140 °F
Storage temperature	-40 ... 85 °C / -40 ... 185 °F
Operating / storage humidity	10 ... 95% @ 40 °C, non-condensing
Housing	Metal
Mounting	DIN rail and wall mounting
Battery	Yes (1)
Certifications	CE, FCC

Engine

Operating system	Microsoft® Windows 11™
LAN chipset	1 x Gigabit Ethernet 3 x 2.5 Gigabit Ethernet
System connection ports	4 x e:net (RJ45 Ethernet for GbE) 4 x RS-232/422/485 2 x RS-232 3 x USB 3.2 and 3 x USB 2.0 2 x HDMI (max resolution: 4096 x 2304 @ 60 Hz) 1 x audio (Line-out & Mic-in)
Data storage	256 GByte SSD
User interfaces	Power button & LED Remote On/Off switch

Dimension

All measures in mm

