# Lighting Control Engine 4 mx



**PRE-ORDER NOW**

**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..
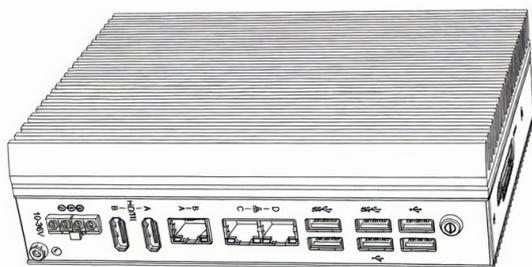
**e:cue Lighting Control Engine 4 mx**

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.

**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 (DIN rail not included) 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 support
- 5 years warranty

## Delivery scope

| | Identcode |
|---|---|
| • e:cue Lighting Control Engine 4 mx | |
|     with CE only | CL26100016155 |
|     with UL | see product LCE3MX 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 | |
| • Welcome card, Safety instructions | |

## Optional Accessories

| | Identcode |
|---|---|
| • Ethernet Data Cable (RJ45) | AA556130055 |
| • SYMPL Switch | 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 |

e:cue

## Dimension

All measures in mm



160

47.5

20

6.7

20

200

140

COM5

COM6

AUDIO

COM2/1

COM4/3

SW

e:cue  **Lighting Control Engine 4 mx**

DC 10 ... 36 V INPUT

POWER
BUTTON

GND

HDMI B  HDMI A  LAN A  LAN B  LAN C  LAN D  USB  USB  USB

55.7

189

46

CE  FC

TRAXON | e:cue