12th Street City Center
Oakland, CA

Control Solutions

www.ecue.com

ecue

e:cue

Providing powerful, dynamic lighting control solutions and design support for any project, big or small.

WORLDWIDE PARTNER NETWORK

Together with our global distribution and partner network we can support any lighting control project.

SCALABLE AND RELIABLE

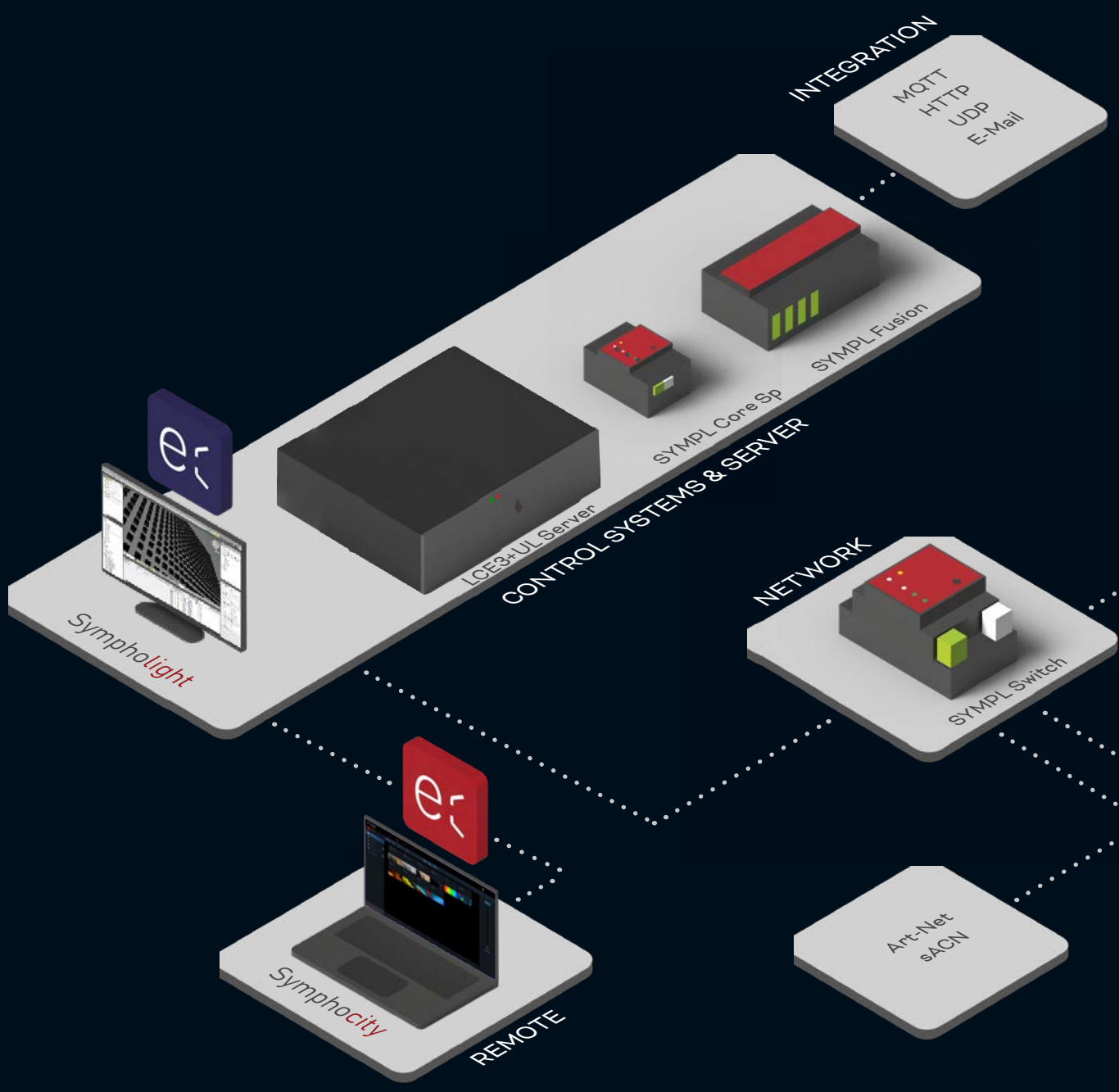
From a single room installation to citywide lighting, e:cue controls can meet your project needs.

EXPERIENCE

For more than 20 years,e:cue has been building a brand based on trust, experience, and loyalty- making us a well established leader in the lighting industry.

The Mill at Mississippi State University
Starksville, MS
ecue

One Platform.



Total Control.

e:cue

*Not to scale

Servers

Working hand-in-hand with our custom built configuration software, our servers guarantee the perfect mix of performance and reliability.

High-quality components

Reliability for 24/7/365 operation

5 year product warranty

Powerful server solutions—no matter the size of your project

POWERFUL SERVERS

Powerful processors are the backbone of every project. Our Lighting Control Engines are high performance servers with our Sympholight software pre-installed, and designed to control small to large and complex projects 24 hours a day, 365 days a year without interruption. The servers coordinate all devices and interfaces within a project to ensure all project requirements are met.

NEW

SYMPL CORE SP

Reliable, cost-effective stand-alone engine for e:cue Sympholight

Max. Pixel[1]
5000

Max. DALI Devices[1]
256 Ballasts
64 DALI groups (virtual)
42 DALI buttons
42 PIR motion sensors
42 Light sensors

FUSION

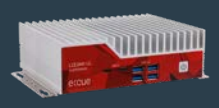
Stand-alone control engine, with integrated outputs for several fixture control protocols

Max. Pixel[1]
15,000

Max. DALI Devices[1]
350 Ballasts[1]
70 DALI groups (virtual)[1]
55 DALI buttons[1]
55 PIR motion sensors[1]
55 Light sensors[1]

LCE 3 MX

Robust, fanless solution for medium-sized projects



Max. Pixel[1]
50.000

Max. DALI Devices[1]
512 Ballasts
64 DALI groups (virtual)
84 DALI buttons
84 PIR motion sensors
84 Light sensors

LCE 3+ UL

High-performance server for large projects

Max. Pixel[1]
3.000.000

Max. DALI Devices[1]
3072 Ballasts
128 DALI groups (virtual)
168 DALI buttons
168 PIR motion sensors
168 Light sensors

LCE 3fx+ UL

High-performance server optimized with video capture functionality

Max. Pixel[1]
3.000.000

All features of LCE 3+ UL plus
Built-in video capture card
e:cue Emotion FX software

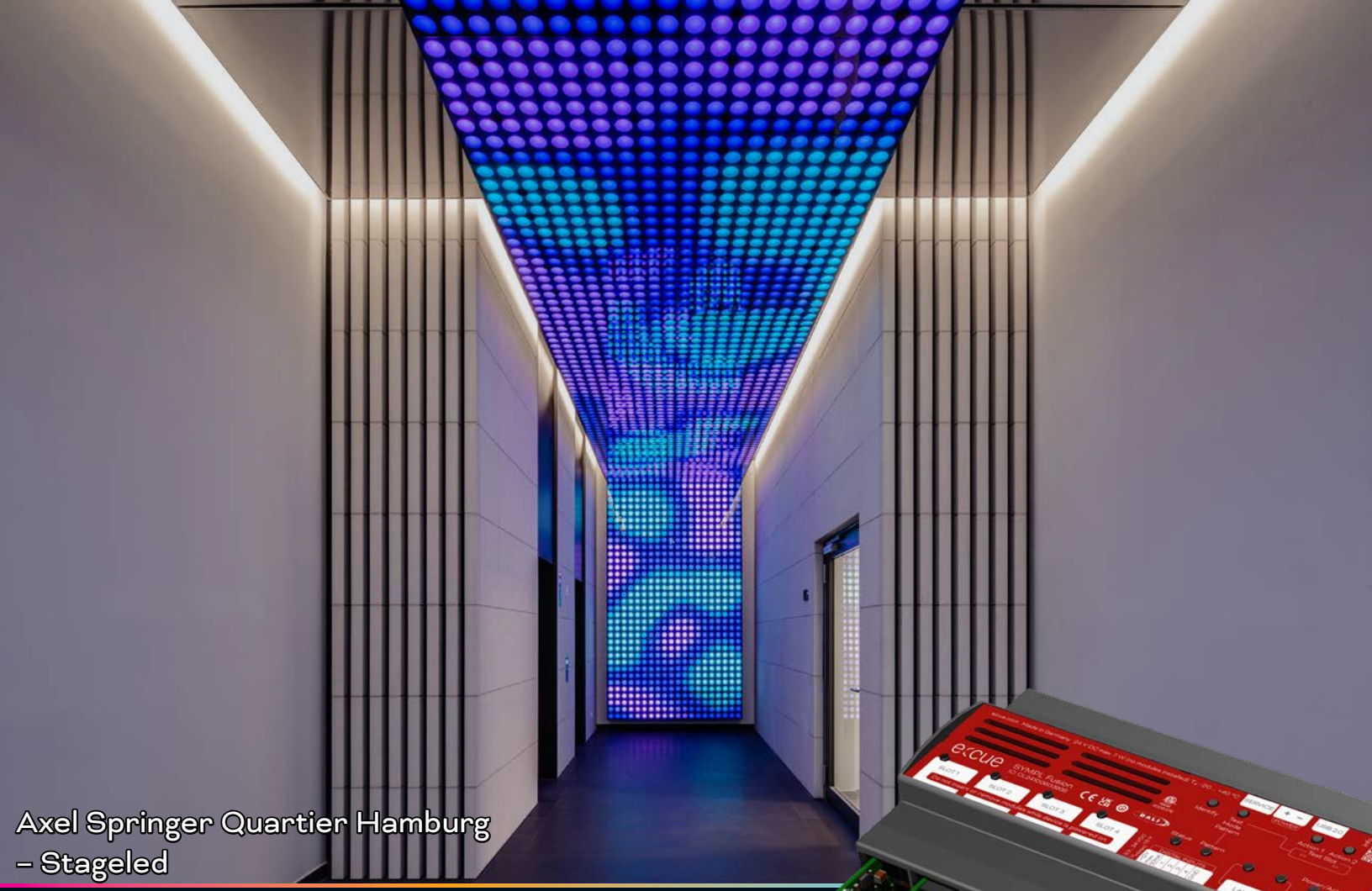
ART NET ETHERNET

sACN

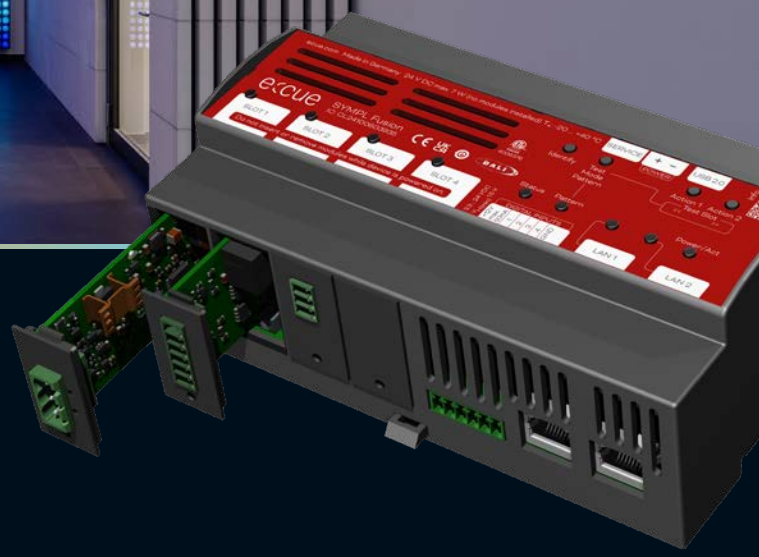
Our systems come complete with a full Sympholight license. Art-Net & sACN universes can be added for an additional cost. Additional features like single Symphocity boards can be easily upgraded via feature licenses.

[1] Based on project measurements with either DALI or DMX fixtures, not mixed (e.g. 5000 RGB pixel OR 256 DALI ballast). A medium complex Sympholight workflow layout with real time calculations (e.g. sensor measurement data) utilizing e:cue output devices. Max 2 running video sequences in parallel. Note: Highly complex project files with many parallel running sequences/cue lists and complex workflows, triggers, logic and scripting scenarios may reduce the quantity of output channel and devices. Please contact your e:cue partner for more details and additional server configurations.

e:cue



Axel Springer Quartier Hamburg
– Stageled



SYMPL

FUSION

NEW

Huge Potential.
Compact size.

FUSION is capable of managing dynamic and functional lighting within one powerful device. Designed for flexibility, scalability, and simplicity.

One controller. Many possibilities.
With four modular slots, FUSION gives you the freedom to configure your system to match the needs of your project. Mix and match DMX, DALI and 0-10v* modules to provide control for dynamic lighting, general lighting, or a hybrid system.

One System. Total Control. Functional and Dynamic Lighting, All in One.

Sleek. Smart. Space-saving. FUSION's modular design allows for a single lighting control engine to accommodate a wide variety of projects while taking up minimal wall space.

The FUSION guarantees flexibility by allowing you to quickly and easily expand or upgrade your personalized control system.

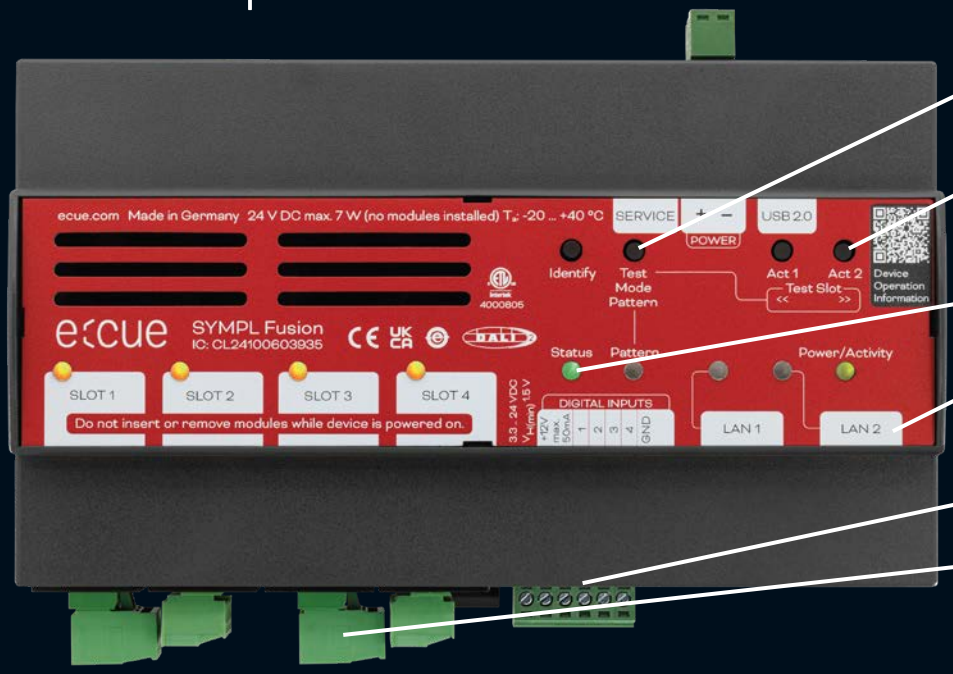
Only pay for what you use: the modular platform lets you invest only in what your project truly needs.

*Coming soon

SYMPL

FUSION

Technical Specifications



Dimensions	6.3 x 3.54 x 2.36 in / 160 x 90 x 60 mm (without fastening clip)
Weight	0.55 lb / 250 g
Power Supply Input	24 V DC on terminal plug, wire gauge: 24AWG - 16AWG
Power Consumption	Max. 30 W @ 4 x DALI-2 modules @ full load 7 W @ no modules
Certification	CE, UKCA, ETL (Conforms to ANSI/UL Std. 62368-1; Certified to CSA Std. C22.2 NO. 62368-1)
Output Interfaces	4x Modular card slots, types: DMX512 / RDM Module, DALI-2 Module, 0-10 V Module*, SPI Pixel Module*RS232 / RS485 Serial Module*
Input Interfaces	4x Digital input, common ground connector, terminal plug, wire gauge: 28AWG - 16AWG, max. input voltage 24 V DC

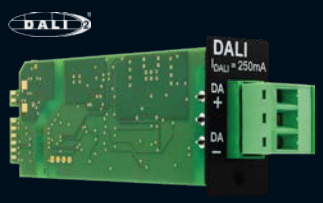
*Coming soon

Connectivity

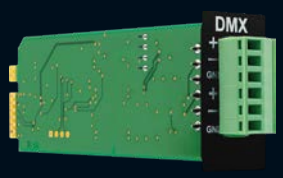
DALI

DMX 512

0-10V



DALI2 Module
1-Port
CL24100604035



DMX512
2-Port
CL24100604235

Coming in 2026
0-10v Module
SPI Pixel Module
RS232 / RS485 Serial Module

ecue

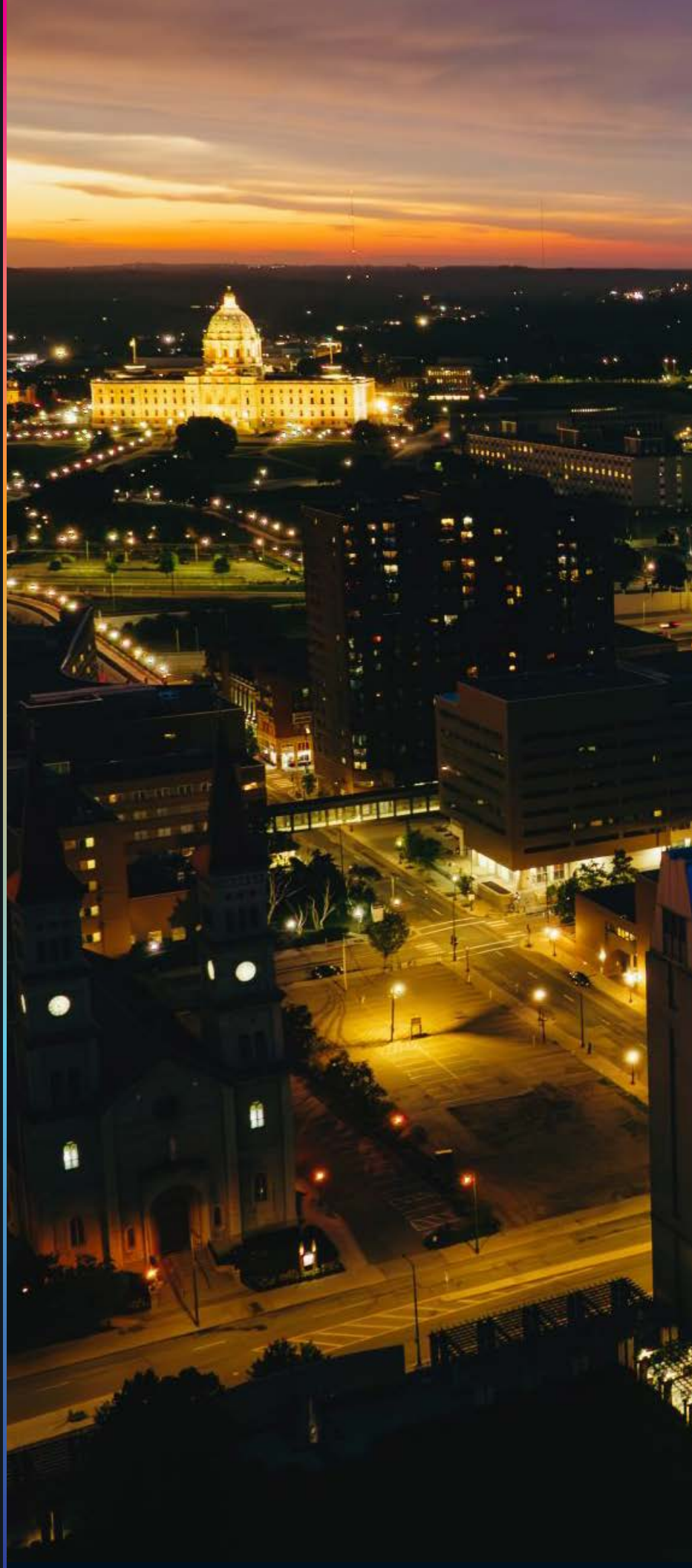
Project Showcase

Ecolab
St. Paul, MN

e:cue lighting control systems offer lighting designers the perfect balance between functionality and creativity. With its intuitive interface, Sympholight enables the seamless integration of dynamic and functional lighting. This flexibility allows for the creation of immersive, responsive environments tailored to specific needs. e:cue provides comprehensive, unified control systems for any lighting design project.

Ecolab, a global sustainability leader offering water, hygiene and infection protection solutions and services, recently unveiled their updated headquarters following their rebranding efforts. The dynamic lighting and control system was brought to life through a combination of Traxon luminaires and e:cue control solutions.

Together with Hunt Electric and Traxon e:cue, Ecolab made a bold statement in their downtown space, unveiling a striking new lighting installation on the building's crown and roofline. With the addition of high-tech, color changing LEDs, the Ecolab Headquarters has been transformed, presenting a vibrant display in the St. Paul, MN skyline. Additionally, the modern, energy-efficient lighting installation showcases Ecolab's commitment to innovation and sustainability, while maintaining the building's original integrity.

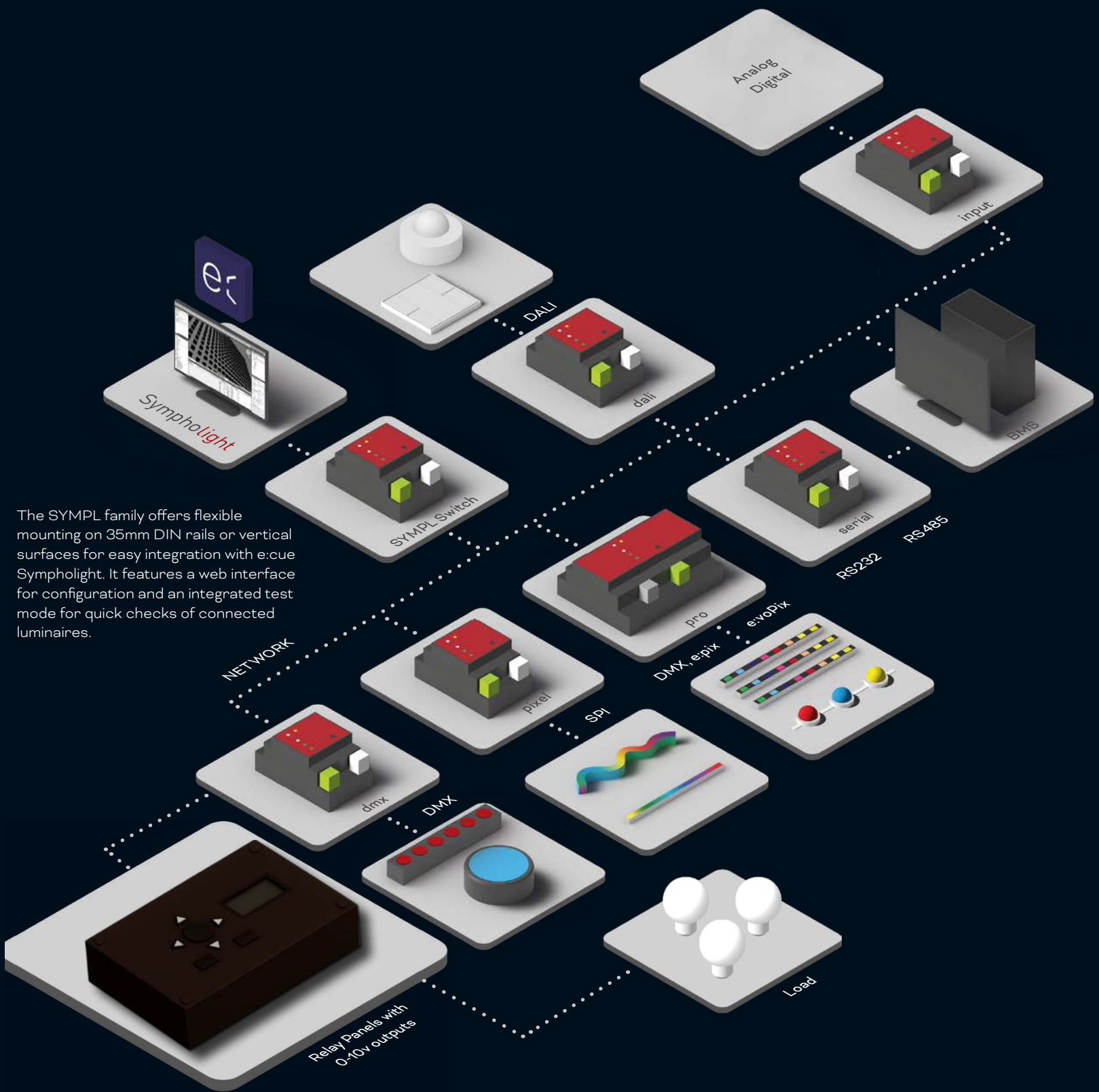


Ecolab
St. Paul, MN
©Hunt Electric

ecue

SYMPL Protocol Interfaces

Our interfaces are designed to operate reliably and smoothly, suitable for all common engineering and project requirements.



The SYMPL family offers flexible mounting on 35mm DIN rails or vertical surfaces for easy integration with e:cue Sympholight. It features a web interface for configuration and an integrated test mode for quick checks of connected luminaires.

Node	Protocol	Ports	Channels	Applications
SYMPL dmx	DMX/RDM	2	1024	Control any type of DMX512 or RDM based luminaire
SYMPL e:pix	e:pix	2	4096	Control all Traxon e:pix based luminaires
SYMPL pixel	asynchronous & synchronous	2	4096	Control multi- pixel (SPI) products,
SYMPL dali	DALI	1	64	Control and interact with DALI Devices
SYMPL input	analog & digital	8		Interfacing with analogue inputs or digital I/O's
SYMPL serial	RS232 & RS485	1		Communicate with 3rd party systems
SYMPL relay		3		Load switching; up to 5A/250v AC or 3A /30v DC
SYMPL Switch	Ethernet	**5**		Supports e:net and other network based protocols. Provides 5 ports of PoE.
SYMPL pro	DMX512/RDM or e:pix	**8**	4096 / 16384	For a high quantity of DMX Universes in a small package, with added surge protection & isolated outputs
SYMPL bridge	DMX or e:pix	**8**	4096 / 16384	Converts e:net, Art-Net, sACN to DMX512 or e:pix
Bridge 8	Art-Net / sACN to DMX	**8**	4096 DMX ch. 32 Art-Net/sACN Univ.	Converts Art-Net, sACN to DMX512

24/7 in tough environments

5 year warranty

Easy startup

e:cue

e:cue Control Protocols

e:pix

Our proprietary lighting control protocol with up to 4x more control channels and delivered at up to 35fps.

Control up to 2048 pixels in a single run

RGB

Achieve up to 8-bit color depth for smooth dimming.

Delivers smooth, lifelike motion with up to 35 fps performance.

e:voPix

A revolutionary video protocol for professional media applications that redefines the boundaries of control.

More than 4,000 channels per line
Experience vivid colors, smooth motion, and immersive visuals with advanced pixel control, rich color depth, and real-time responsiveness. Extended cable capabilities simplify installation and reduce costs.

Control up to 4096 pixels in a single run, achieving higher resolutions with fewer controllers.

RGB

Achieve up to 16-bit color depth for rich colors and ultra-smooth dimming.

A 60 fps frame rate paired with 4 Mbit/s communication ensures seamless image rendering and fluid motion.

Bidirectional communication enables real-time monitoring for alerts and faster maintenance.

Extended run lengths reduce cabling and installation costs

Assembly Atlanta
Doraville, Georgia

e:cue lighting control systems offer significant advantages in installation, robustness, and longevity. By supporting more fixtures per line, our **e:cue** control systems reduce cabling and material costs, making installations more cost-effective. **e:cue** components are made of high-quality, certified components and ensure smooth project start up and long-lasting performance. Integrated test modes enable immediate luminaire verification during installation, saving time on software, resources, and content creation. This efficient setup process ensures faster project completion, fewer issues, and a reliable, future-proof solution with minimal maintenance needs.

NEW

e:touch 8" & 10"

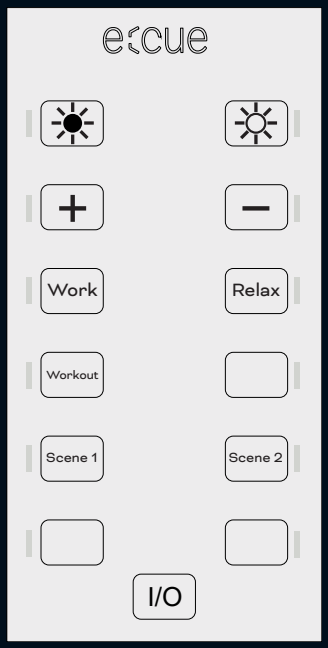
Our new 8" and 10" touch panels offer versatile installation options, with both horizontal and vertical mounting capabilities to fit any environment. Through the Symphotouch app, these ActionPad displays integrate seamlessly with our central lighting control software, Symphotouch. e:touch Panels are network-ready and powered conveniently via Power-over-Ethernet (PoE) or 12v DC. Their compact design ensures they fit perfectly on any standard 4-inch junction box.

Symphotouch

Access and control any lighting installation over wifi created with Symphotouch with ease. Symphotouch provides hassle-free connection to your installation, giving you constant, convenient control from any supported handheld device.

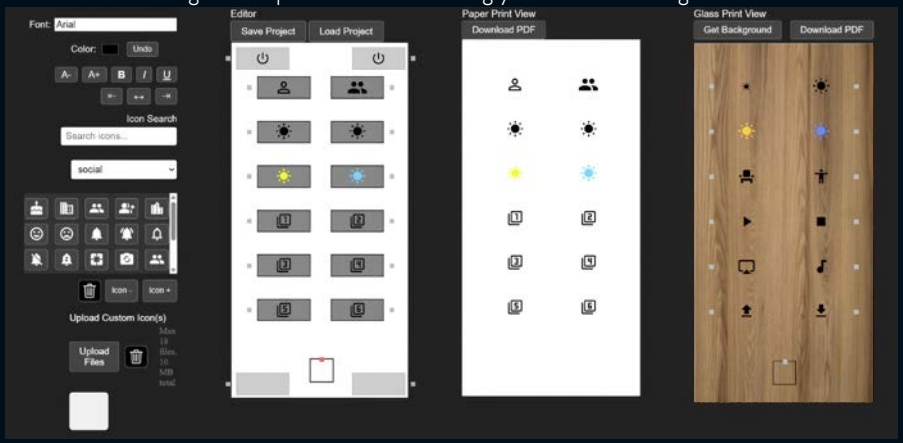
Glass Touch GT12X

NEW



Combining functionality with a clean aesthetic, the Glass Touch GT12X is a DALI-2 button station featuring a modern design with a glass surface and touch-sensitive keys for intuitive operation. Using Symphol light, each button can be set to specific scenes, effects, or sequences programmed during project startup. The Glass Touch GT12X is wall-mountable on a single gang junction box.

With the Glass Touch Designer, design your own personalized insert which easily slides in place—or export your layout and connect with your regional representative to bring your custom design to life.



Dimensions (W x H x D)	3.15 x 6.3 x 0.51 in
Weight	**7 oz. (incl. mounting plate)**
Power supply	**via DALI-2 bus**
Power consumption	**0.15 W**
Operating temperature	32° - 113 °F
Storage temperature	-4° - 167 °F
Op. / Stor. humidity	0 ... 80% Rh, non-condensing
Protection class	IP40
Housing	Glass (surface) Aluminium (mounting plate) ABS (Housing Body) UV, scratch and cleaning detergent resistant
Mounting	Surface mount, 1-gang junction box
Certificates	CE, UKCA, DALI-2, ETL pending
Protocols	DALI-2
DALI2 Power Consumption	4mA Typical
User interfaces	13 x capacitive touch sensor 13 x feedback LED (monochrome red, protocol controlled) Rotary DIP switch (protocol selection)
Wire Size	24AWG - 16AWG

e:cue

Traxon e:cue Americas
Customer Experience and Training Center
Charlotte, North Carolina, USA

Traxon e:cue North America is proud to unveil our newly renovated headquarters, warehouse, and office space in Charlotte, North Carolina. Our upgraded facility showcases the full power and reliability of e:cue's advanced control solutions, which manage lighting and automation across the entire site.

At the heart of our Customer Experience and Training Center, DALI-2 controlled luminaires and occupancy sensors deliver intelligent, responsive lighting control. Visitors can interact with wall-mounted touchscreens, which provide intuitive control over Traxon luminaires on display—demonstrating real-time scene changes and dynamic lighting effects.

From ambient lighting to system-wide automation, every aspect of the facility is managed through e:cue hardware and our powerful Symphlight software platform.

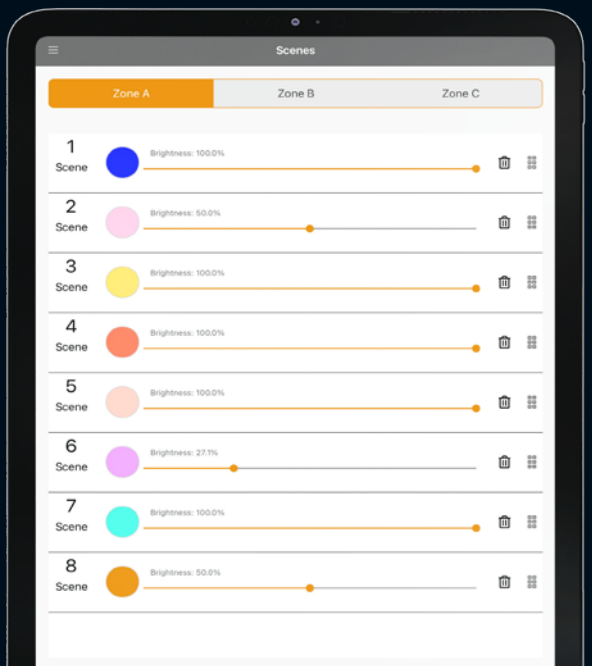
300 Capitol Mall
Sacramento, CA
ecue

LIGHTDRIVE+ WiFi

The LIGHTDRIVE+ WiFi standalone DMX controller, with its integrated wireless connectivity and app management, is the perfect controller for small projects

The LIGHTDRIVE+ combines many control features in a single device. With a few clicks, users can create static or dynamic content for RGB, RGBW, dynamic white, or static white DMX fixtures. Scenes can easily be assigned to one of the 8 scene buttons for each of the 3 zones. By using the "Jog Wheel" control knob, scenes, zones, effects, hue, saturation and intensity can be adjusted in a blink of an eye. The integrated timeclock makes the LIGHTDRIVE+ WiFi an attractive solution for interior and exterior lighting.

Easy startup is achieved through our free app, while contact input/output and network integration support capabilities allow integration with third-party systems.



Features

- Fully featured, standalone control system
- Easy and fast system startup with free APP
- 8 scenes in each zone
- Integrated timeclock for scene activation
- Pre-defined dynamic effects
- Integrated proximity sensor
- 2 low-side switches and 2 dry inputs for integration with other control systems

Standalone wall mount DMX Controller

Parent-Child-Mode (Device sync over Ethernet)

White

Built-in timeclock

2x Dry contacts
2x Low-side switches

Dynamic White

Configuration via built-in WiFi

2x DMX512 ports (2nd universe divided into 2 zones)

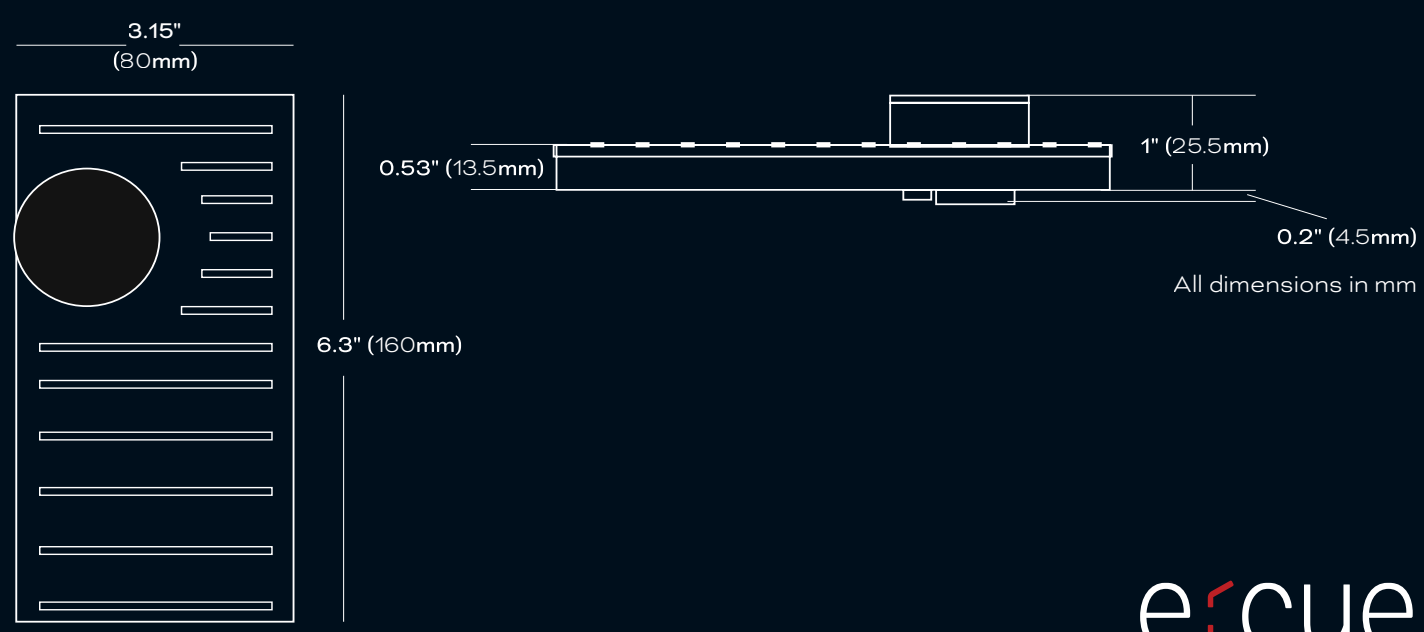
DMX 512

RGB

Device setup via tablet app

3 Different built-in dynamic effects

RGBW



All dimensions in mm

e:cue

e:cue Access

Introducing e:cue Access —a cutting-edge solution for seamless, secure, and efficient remote management of your lighting control systems. Whether you're using a wired, wireless, or cellular internet connection, e:cue Access ensures uninterrupted oversight from any location via your phone or PC.

e:cue Access is available in three service tiers to meet any operational needs:

	Access Pro*	Access Plus+	Access Go→
Hardware included?	**Yes**	Yes	Yes
User licenses	**2**	1	1
Priority access to Traxon e:cue technical services for your site	**Yes**	Yes	Yes
Active system monitoring with status alerts	**Yes**	Yes	n/a
Remote system health checkup by Traxon e:cue	**Quarterly**	Bi-annual	**n/a**
In-person site visits	(2) 1-day site visits **OR** 20 hours of remote programming updates (per year)*	Annual*	n/a

Unmatched Convenience

With e:cue Access, you gain remote control over your lighting system via a secure, browser-based interface. Whether you're in the building or halfway across the world, you can monitor, adjust, and troubleshoot your system in real-time from your PC or mobile device.

Enhanced Reliability & Security

Built with firewall-friendly communication protocols, e:cue Access prioritizes security while maintaining effortless accessibility. Automatic event logging and cloud-based data storage keep your system history intact for easy analysis and troubleshooting.

Scalable Solutions for Every Need

Whether you need basic access, enhanced monitoring, or full-service support, e:cue Access offers three flexible service tiers and is designed to match your project's complexity and maintenance requirements.

Proactive System Health Monitoring

When system downtime isn't an option, customizable alerts, automated health checkups, and service plans tailored to your needs ensure that your lighting controls remain operational and optimized. - without the hassle of manual intervention.

Who benefits from e:cue Access?

Building owners and maintenance crews who want visibility to the status of their installation from anywhere.

How do I benefit from e:cue Access??

You've invested time and resources to make your project shine—why not keep it that way? With e:cue Access, you get priority access to our expert technicians for questions and troubleshooting. Plus, you'll receive dedicated support to ensure your installation remains a standout in your community for years to come.

Can I control and adjust my building lighting from e:cue Access?

e:cue Access allows users full, remote access to their lighting system.

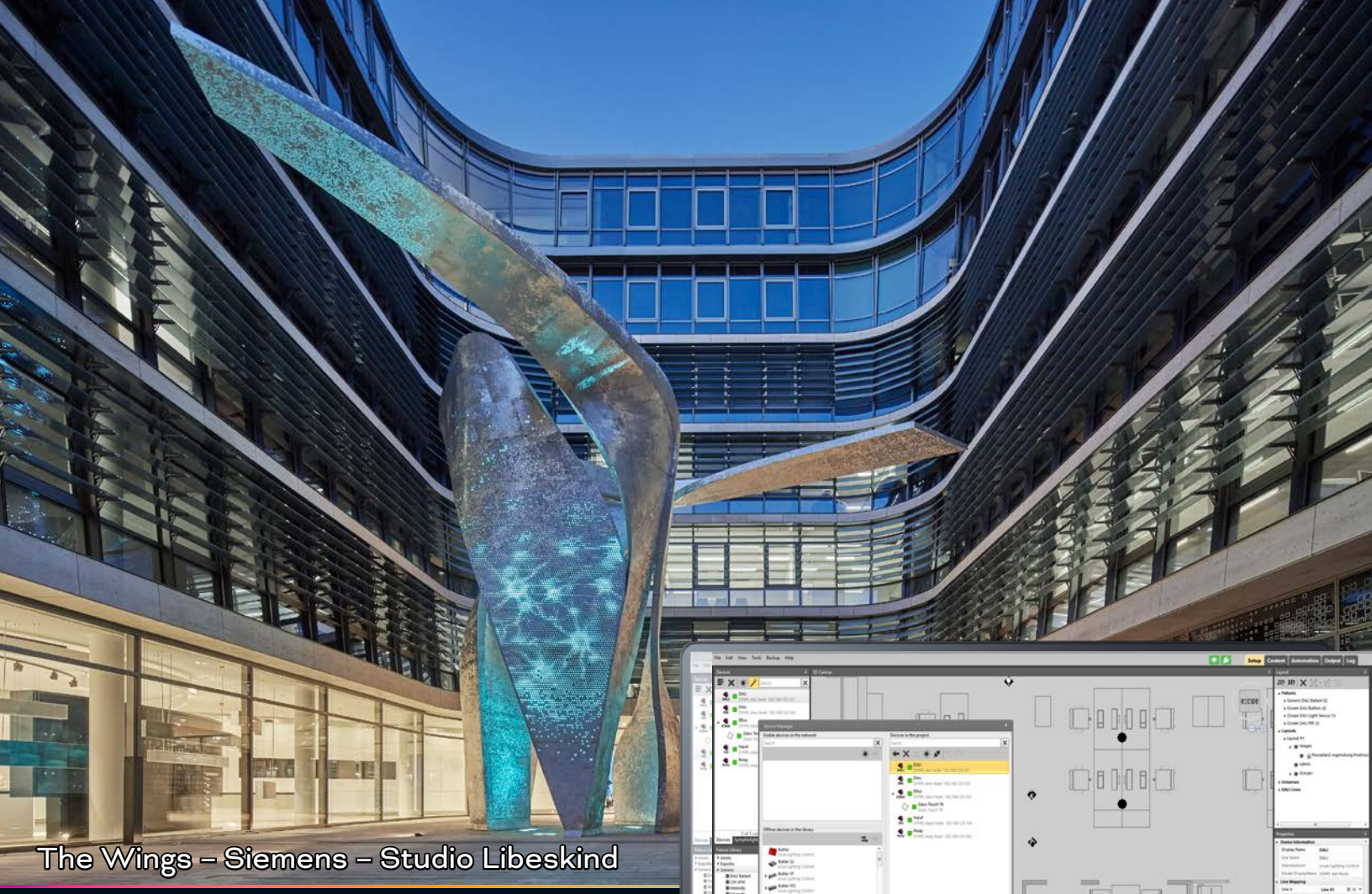
What is the contract schedule?

e:cue Access contracts are one (1) calendar year from the date of purchase. Longer contracts are available; please speak with a Traxon e:cue representative for more information.

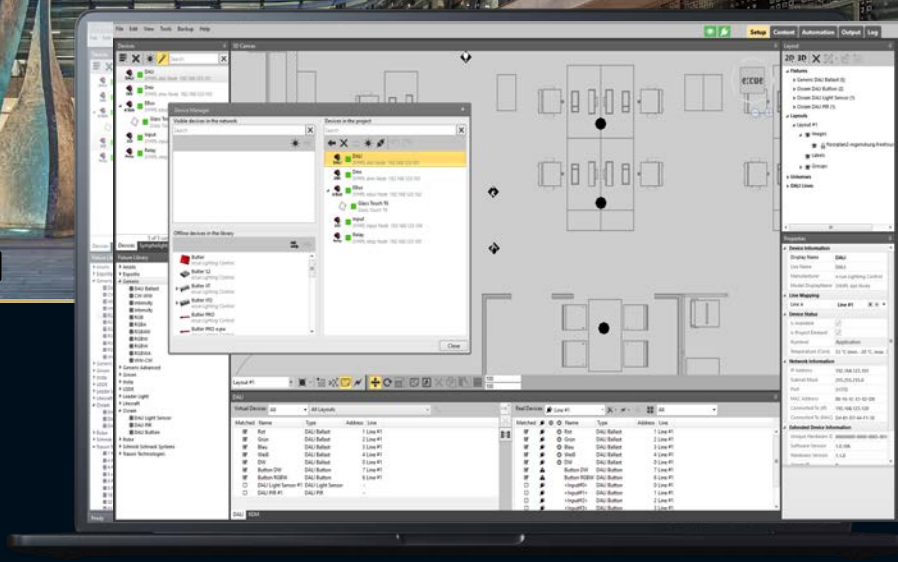
How Secure is e:cue Access?

e:cue Access meets the highest security standards, utilizing AES and x.509 certificates for and security certified in accordance with leading standards methodologies specified by NIST, ISA/IEC, BSI and ISECOM.

e:cue



The Wings – Siemens – Studio Libeskind



Symphol**ight**

The ultimate solution to manage and control any type of lighting project.

Our e:cue Symphol**ight** software creates dynamic, media-rich lighting experiences with an intuitive interface, advanced automation, and seamless integration across architectural and entertainment environments. Traxon e:cue combines years of experience in lighting control with the latest technology to create a capable and powerful lighting control solutions, simplifying the programming and handling of lighting applications for designers, system integrators and clients.

COLORFUL ILLUMINATION CONTROL

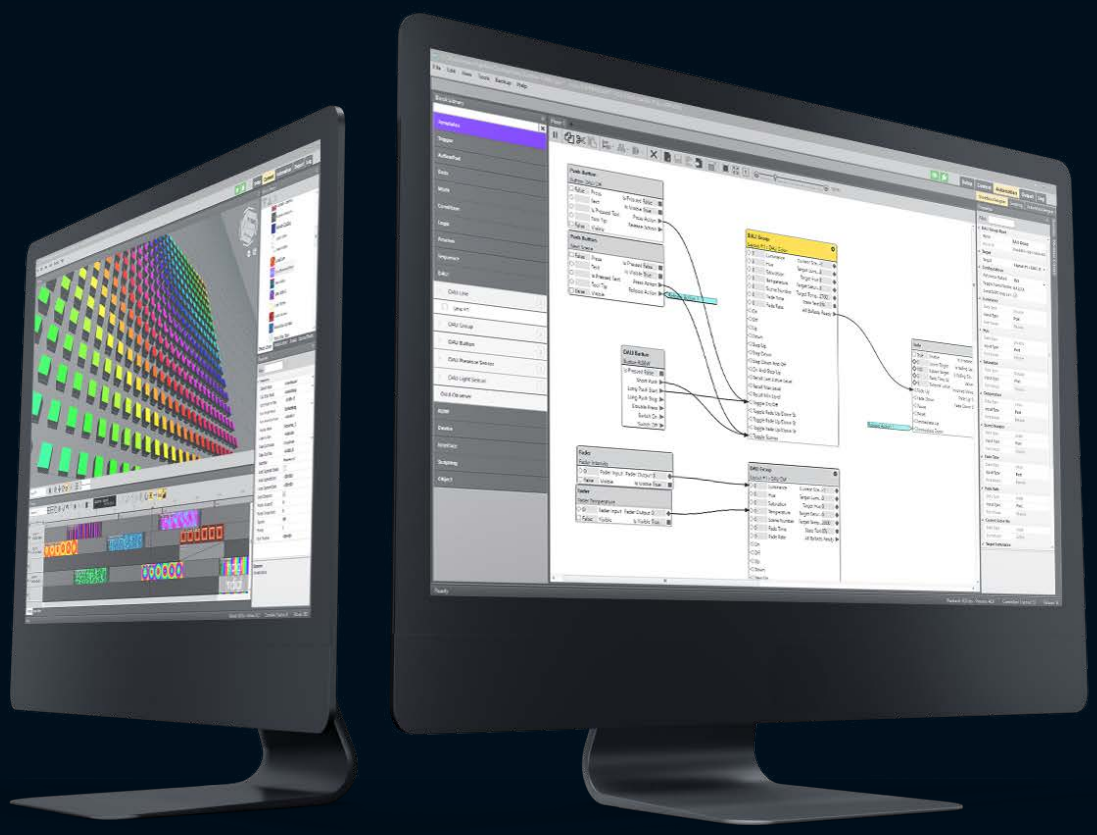
Select from the library or create your own powerful and dynamic effects. Elevate your design by layering content with multiple blend modes.

DYNAMIC MEDIA CONTROL

Drag & drop, fade in & out, create cues and jump within trigger points. Create and manage content on the timeline.

GENERAL LIGHTING CONTROL

Easy handling of DALI2, single color, Tunable White, RGB, and RGBW luminaires.



The visual programming in the Workflow Designer allows for intuitive programming of complex systems. API opens a standardized method of communication with third party systems. Networking via an API allows the 3rd party system to start, stop, monitor changes, display warnings, or make changes to the content.

Scalable from small to extra large projects

Intuitive programming for timeline effects and workflow

Endless interfacing options

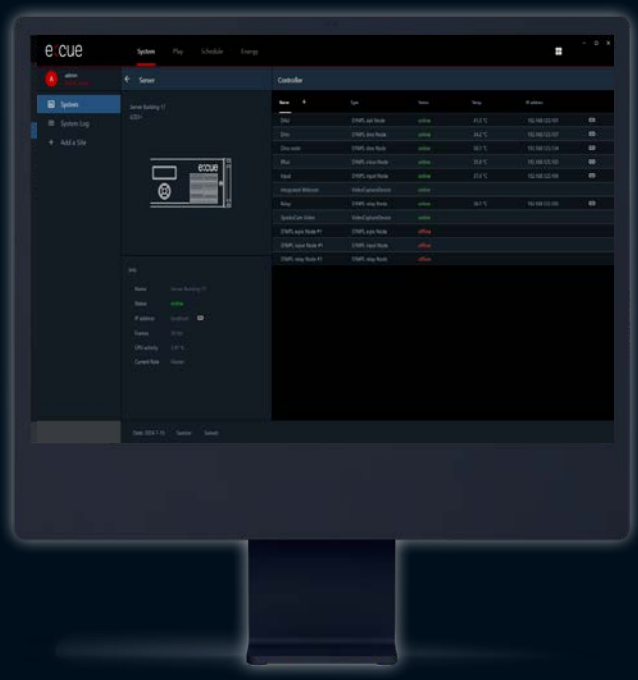
Supported protocols and interfaces: Analog/Digital, Art-Net, BACnet, DALI, DALI-2, DMX512, e:net, e:pix, HTTP(s), IR, KNX, Modbus, MQTT, PIXEL (SPI), RDM, RDMnet, REST, RS232, RS485, sACN, UDP.

e:cue

Symphocity

Symphocity is your main hub to control and monitor projects across multiple sites.

Symphocity provides a comprehensive platform, giving you control and monitoring capabilities across all your lighting systems and their lighting infrastructure. This grants facility managers access to an intuitive overview of the status and performance of their installations, allowing predictive maintenance before problems occur.



No Cloud usage. Secure in your IT infrastructure.

Customized interfaces for easy access, tailored for maintenance teams, building owners, and marketing departments.

Manage one or multiple sites with different access levels. No permanent connection required.

OBSERVE SYSTEM

Efficiently manage your Sympholight systems and monitor connected output devices. Gain direct access to various web-based user interfaces for seamless control.

SCHEDULE CONTENT

Set start and end dates for your content, with support for both single and multi-site projects. Manage one-time or recurring events with ease.

MONITOR FIXTURES

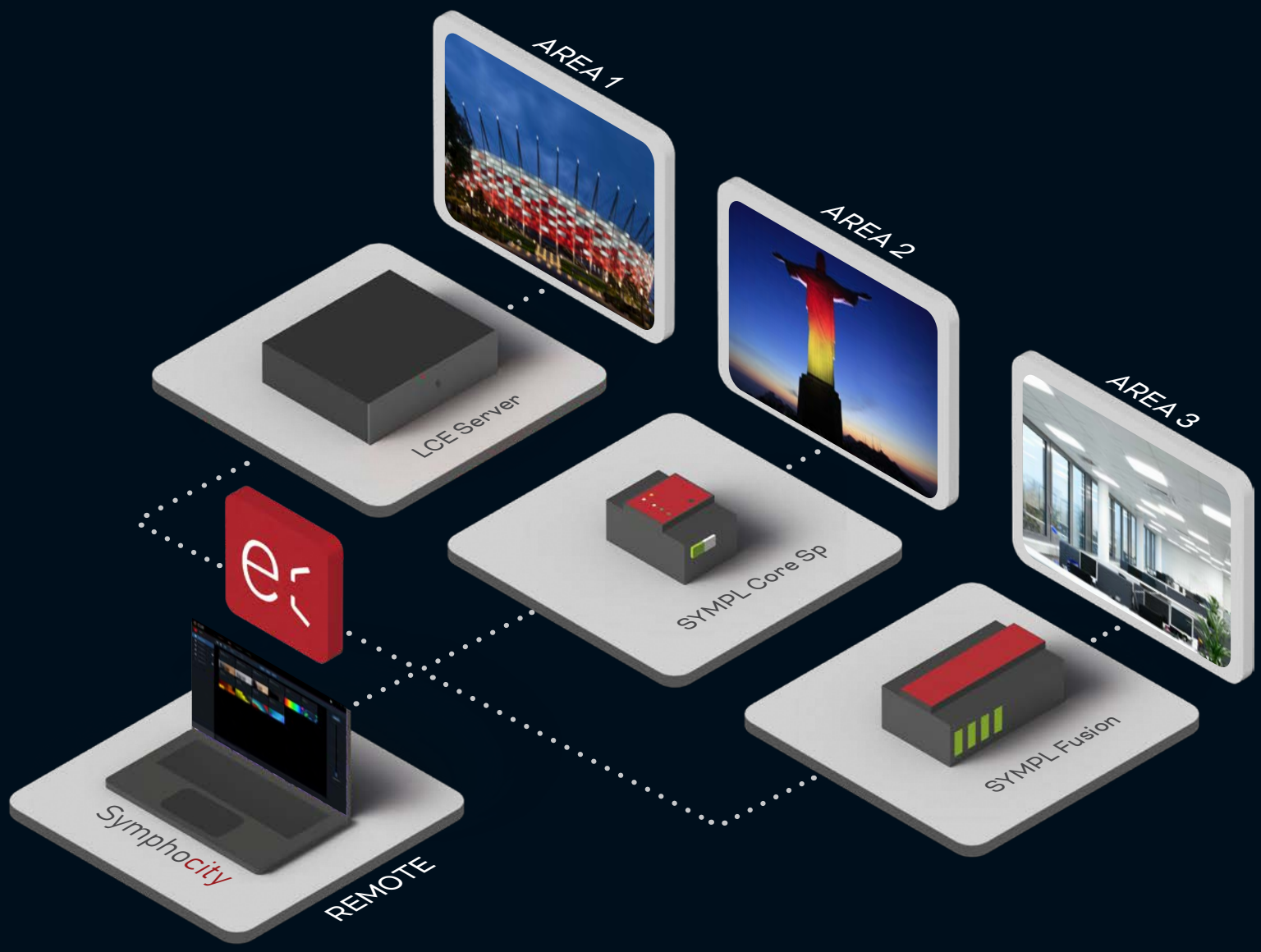
Monitor the status of RDM fixtures, detect damaged units, and identify irregularities efficiently.

MANAGE CONTENT

Gain direct access to all light sequences and colors. Utilize Stop All and Grandmaster functionality for central control of multiple Sympholight systems.

MANAGE ENERGY

Monitor live energy data or compare it with historical records. Measure electricity usage, manage consumption, and detect irregularities effectively.



e:cue

How can we help you?

Follow us on Social Media

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