Overview

CueServer is a unique lighting control solution featuring the most comprehensive combination of stand-alone show playback, architectural lighting control, show control, and system integration functions in one easy-to-use package.

The CueServer 2 Pro (CS-900) is housed in a sturdy 1U rack-mount enclosure with removable brackets.

CueServer 2 Pro features dual LAN ports for splitting Ethernet-based lighting and management data onto separate networks if desired.

CueServer 2 Pro boasts an innovative modular DMX port system. Four bi-directional DMX ports on the back of the unit are user-configurable with any of seven available port modules. These interchangeable modules allow CueServer 2 Pro to be customized for different installation environments eliminating the need for external adaptors.

The front-panel of CueServer 2 Pro has eight customizable function buttons. Each button has fully controllable RGB backlighting and field-replaceable legends for project personalization. A navigation keypad is used to operate the onboard LCD menu for basic system settings, show selection, and macro execution.

CS-900
CueServer 2 Pro

Rear Panel

Optional DMX Modules

Customized Button Legends

Features

- Completely self-contained lighting playback, architectural processor, and DMX fade engine
- Seamlessly handles Cue Lists, Presets, and Streams
- Controls up to 32 universes of DMX or 32 independent playback timelines
- Dual Ethernet ports for separate configurable lighting data and management networks
- Flexible module-based bi-directional DMX ports for custom jack configurations
- Front-panel configurable function buttons with RGB backlighting and field-replaceable legends
- Create lighting scenes directly or capture external sources
- Powerful CueScript scripting language
- Real-Time clock with astronomical and calendar events
- Built-in web server for hosting custom interactive web pages
- Multi-show storage on removable microSD memory card
- Button stations and LCD touchscreens
- System integration via Ethernet, Serial, Digital I/O, and Audio
- Easily interfaces with Crestron, AMX, Vantage, Control 4, Medialon, Savant and other automation systems
- 1U rack-mounted enclosure with removable brackets
- Native programming environment for both Mac and Windows

Applications

- Commercial
- Residential
- Architectural Lighting
- Entertainment Lighting
- Trade Shows
- Themed Entertainment
- Museum
- Broadcast Studio
- Building Management

Awards

CueServer 2 has received the following awards:

- LDI 2014 Lighting Control Product of the Year
- PLASA 2014 Member's Choice Product of the Year

Catalog #:		Project:
Prepared by:		Date:

Specifications

Feature	Detail	Description	
Capacity (per Show)	DMX Universes	2 Universes for base configuration Up to 32 Universes, available as add-on options	
	Playbacks	Up to 32, depending on number of Universes †	
	Cues	1,000,000 per Cue Stack*	* Note: These parameters are only limited by available SD Card storage space
	Cue Stacks	Unlimited*	
	Groups	100,000*	
	Macros	100,000*	
	Global Rules	1,000*	
	Timer Events	1,000*	
	External Button Stations	1,000*	
	Audio Clips	Unlimited*	
	Web Content	Unlimited*	
Protocols	Ethernet	UDP, TCP, HTTP, TELNET, SNTP, Streaming ACN (sACN), KiNet v1/v2, CueScript, CueStation	
	RS-232, RS-485	User-Defined ASCII, CueScript	
Connections	Power	2.1mm DC Power Input Jack	
	Network	(2x) RJ45 10/100 Base-T Ethernet (Dual-LAN)	
	DMX	(4x) Bi-directional DMX module slots for custom configuration of preferred jack type	
	I/O	(2x) 5-position pluggable terminal blocks for RS-232 and RS-485 serial ports (2x) 10-position pluggable terminal blocks for 8 contact closure inputs and 8 low-voltage digital outputs and auxiliary 5VDC output	
	USB	(1x) Type-A USB Host Port (1x) Micro-B USB Device Port	
	Audio	(2x) 1/4" Audio Jacks for stereo audio input/output	
User Interface	LCD	40 Character x 2 Line (Black on White)	
	Menu Buttons	5-Way Navigation Switch	
	Function Buttons	(8x) User-Defined Function Buttons with RGB back-lighting and field-replaceable legends	
Power	Input	12-24V DC, 12 Watts	
Memory	Removable Card	Micro SD (supporting cards up to 128GB)	
Real Time Clock	Standard	Battery-backed, 1 second resolution	
	Event Triggers	Time of day, day of week, day of month, week of month, year, date range, astronomical time (relative to sunrise or sunset +/- specified offset)	
Physical	Width	17.1" (435 mm), without mounting brackets 19.0" (483 mm), with mounting brackets	
	Depth	6.0" (153 mm)	
	Height	1.73" (44 mm)	
	Weight	3.2 lbs. (1.43 Kg)	
Environmental	Operating Temperature	-13° to 158° F (-25° to 70° C)	
	Storage Temperature	-40° to 176° F (-40° to 80°C)	
	Humidity	5 to 95%, non-condensing	
	Altitude	10,000 feet maximum	

† The number of universes times the number of playbacks must be 32 or less.

Ordering

CueServer 2

CS-900   **CueServer 2 Pro**
Includes rack-mounted CueServer 2 with power supply, four empty DMX module slots, rack mounting brackets, terminal blocks, and 2 universe license

CS-UNIV   **CueServer 2 Additional Universe License**
Adds one additional universe (maximum 32)

Optional DMX Modules

MOD-X5F   **5-Pin XLR Female Module**

MOD-X5M   **5-Pin XLR Male Module**

MOD-X3F   **3-Pin XLR Female Module**

MOD-X3M   **3-Pin XLR Male Module**

MOD-RJ45   **Ethercon RJ45 Module**

MOD-TB-ST   **Terminal Block Module w/Screw Terminals**

MOD-TB-IDC   **Terminal Block Module w/IDC Terminals**

Software

CueServer Studio 2
Programming software for CueServer 2 for both Mac OS X and Windows may be downloaded for free from www.interactive-online.com

CueServer 2 can be used to meet California Title 24 requirements.

CueServer 2 is proudly designed, engineered, and manufactured in the USA.