

CS-940

# **CueServer 2 DIN**

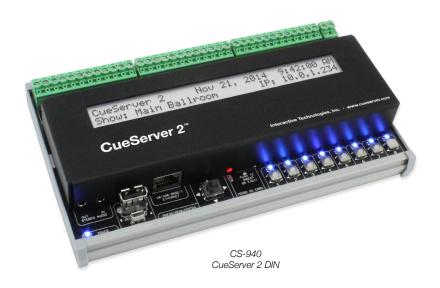
### Overview

CueServers are powerful lighting control and show playback processors designed to be completely selfcontained and extremely cost effective. Available in a series of models, these powerhouse controllers provide limitless solutions to the lighting professional.

The CueServer 2 DIN (CS-940) is housed in an enclosure suitable for DIN rail, surface, or panel mounting. The DIN rail brackets accomodate standard 35mm rail. Mounting flanges are included for surface or panel mounting.

Connections for power, DMX, contact closures, and digital outputs are made using removable terminal blocks across the top edge of the unit. Ethernet, USB, and stereo audio are connected along the bottom edge.

CueServer 2 DIN's front panel has eight customizable function buttons. Each button has a fully controllable RGB indicator. A navigation joystick is used to operate the onboard LCD menu for basic system settings, show selection, and macro execution.



#### **Features**

- Completely self-contained lighting playback, architectural processor, and DMX fade engine
- Seamless handling of Cue Lists, Presets, and Streams
- Control of up to 32 universes of DMX or 32 independent playback
- Dynamic patching of up to 16,384 channels to 128 separate sACN, Art-Net, or KiNET universes
- Front-panel configurable function buttons with RGB indicator LEDs
- Creation of lighting scenes directly or capture from 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
- System integration via Ethernet, Serial, Digital I/O, and Audio
- Compatible with CueStation buttons and CueTouch touchscreens
- Easy interfacing with Crestron, AMX, Vantage, Control 4, Medialon, Savant and other automation systems
- Native programming environment for both Mac and Windows
- Standard DIN-Rail mounting or surface/panel mounting

# **Applications**

- Commercial or Residential
- Architectural or Entertainment Lighting
- Themed Entertainment Venues
- Cruise Ships
- Museums
- **Broadcast Studios**
- Water Fountains
- Trade Shows
- **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

Interactive Technologies, Inc.	Catalog #:	Project:	
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## **Specifications**

Feature	Detail	Description	Description	
Installable Options	DMX Channels	1,024 Channels Up to 16,384 Channels may be licensed		
Capacity (per Show)	Universe Patching	128 sACN, Art-Net, or KiNET universes		
	Playbacks	Up to 32, depending on number of Channels †		
	Cues	1,000,000 per Cue Stack*	* Note: These parameters may be 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, NTP, Streaming ACN (sACN), Art-Net, KiNet v1/v2, CueScript, CueStation		
	Serial	User-Defined ASCII, CueScript, CueStation		
Connections	Power	2-Position Terminal Block	2-Position Terminal Block	
	Network	RJ45, 10/100 Base-T Ethernet		
	I/O	(3x) 12-Position Pluggable Terminal Blocks providing signals for 2 DMX Inputs, 2 DMX Outputs, RS-232, RS-485, 8 Contact Closure Inputs, 8 Low-Voltage Digital Outputs, and Auxiliary 5VDC Output (200mA Max)		
	Audio	(2x) 3.5mm (1/8") Audio Jacks for stereo audio I/O		
	USB	(1x) Type-A USB Host Port (1x) Micro-B USB Device Port		
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 LEDs		
Power	Input	12-24VDC, 8 Watts		
Memory	Removable Card	Micro SD (FAT32 formatted cards up to 2TB)		
Real Time Clock	Туре	Battery-backed, 1 second resolution, less than +/-5ppm drift		
	Synchronization	Automatic using Network Time Protocol (NTP)		
	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	4.8" (123 mm)	4.8" (123 mm)	
	Length	8.0" (204 mm) without mounting flanges 8.9" (227 mm) with mounting flanges		
	Height	1.6" (40 mm) without DIN brackets 2.6" (60 mm) with DIN brackets		
	Weight	0.9 lbs. (0.41 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		

<sup>†</sup> The number of channel universes times the number of playbacks must be 32 or less.

## **Ordering**

### CueServer 2

CS-940 CueServer 2 DIN
Includes DIN-Rail mounted
CueServer 2 with panel mounting
flanges, and 1,024 channel license

(power supply not included)

CS-UNIV CueServer 2 Additional Universe License

Adds one additional universe of channels (maximum 32)

#### **Accessories**

AC-12P 12VDC Power Supply

AC-12P-EURO 12VDC Power Supply (UK/Euro)

AC-12P-AUST 12VDC Power Supply (Australia)

AC-24-DIN-15W DIN Power Supply, 24VDC, 15W

AC-24-DIN-36W DIN Power Supply, 24VDC, 36W

### **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.