

### Overview

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

The CueServer 2 Mini (CS-920) is the smallest of the CueServer 2 models and is housed in a rugged anodized aluminum enclosure suitable for desktop use or panel, DIN, or truss mounting using optional bracket kits.

The CueServer 2 Mini can output shows utilizing up to 16,384 channels and features two built-in modular DMX slots that are user-configurable with any of seven available port modules. These interchangeable modules allow CueServer 2 Mini to be customized for different installation environments eliminating the need for external adapters.

CueServer 2 Mini also features two user-definable function buttons with RGB indicators, two contact closure inputs, two low-voltage digital outputs, a serial port, and stereo audio output.



CS-920  
CueServer 2 Mini



Front Side  
(w/Optional 5-Pin XLR Male Module)



Rear Side  
(w/Optional 5-Pin XLR Female Module)



Optional DMX Modules

### 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 timelines
- Dynamic patching of up to 16,384 channels to 128 separate sACN, Art-Net, or KiNET universes
- Flexible module-based bi-directional DMX ports for custom jack configurations
- 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
- Small anodized aluminum enclosure with optional brackets

### 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.**

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**Catalog #:**

**Prepared by:**

**Project:**

**Date:**

## Specifications

Feature	Detail	Description	
Installable Options	DMX Channels	512 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	2.1mm DC Power Input Jack	
	Network	RJ45 10/100 Base-T Ethernet	
	DMX	(2x) Bi-directional DMX module slots for custom configuration of preferred jack type	
	I/O	8-Position Pluggable Terminal Block for 2 Contact Closure Inputs, 2 Low-Voltage Digital Outputs, RS-232 Serial Port and Auxiliary 5VDC Output (200mA Max)	
	Audio	3.5mm (1/8") Audio Jack for stereo audio output	
	USB	(1x) Type-A USB Host Port (1x) Micro-B USB Device Port	
User Interface	Function Buttons	(2x) User-Defined Function Buttons with RGB LEDs	
Power	Input	12-24VDC, 7 Watts	
Memory	Removable Card	Micro SD (FAT32 formatted cards up to 2TB)	
Real Time Clock	Type	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	4.27" (109 mm) without mounting brackets 4.81" (122 mm) with vertical mounting bracket 5.13" (130 mm) with vertical DIN mounting bracket 6.15" (156 mm) with horizontal mounting brackets	
	Length	3.43" (87 mm)	
	Height	1.77" (45 mm)	
	Weight	0.7 lbs. (0.32 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 channel universes times the number of playbacks must be 32 or less.

## Ordering

### CueServer 2

#### **CS-920**

#### **CueServer 2 Mini**

*Includes CueServer 2 Mini with power supply, two empty DMX module slots, terminal block, and 512 channel license*

#### **CS-920-AUST**

*Same as above w/Australian PSU*

#### **CS-920-EURO**

*Same as above w/UK-Euro PSU*

#### **CS-UNIV**

#### **CueServer 2 Additional Universe License**

*Adds one additional universe of channels (maximum 32)*

### Optional DMX Modules

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

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

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

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

#### **CS-MOD-RJ45 Ethercon RJ45 Module**

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

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

#### **CS-MOD-BLANK Blank Module Cover**

### Optional Mounting Bracket Kits

#### **AX-BR-HMK Horizontal Mounting Kit**

#### **AX-BR-HDK Horizontal DIN Rail Kit**

#### **AX-BR-VMK Vertical Mounting Kit**

#### **AX-BR-VDK Vertical DIN Rail Kit**

### 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](http://www.interactive-online.com)

