

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.

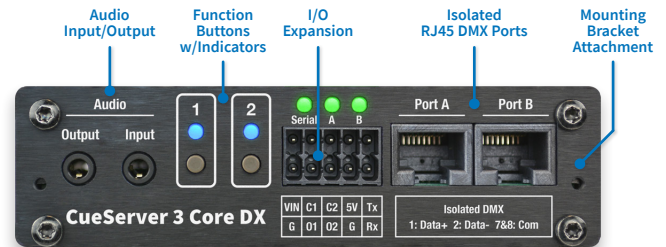
CueServer 3 Core is the smallest and most cost-effective of the CueServer 3 models and is housed in a rugged anodized aluminum enclosure suitable for desktop use or panel, DIN, or truss mounting using optional bracket kits.

All CueServer 3 Core processors are built around a high-performance quad-core CPU, custom I/O coprocessor, and Gigabit-capable Ethernet to run the most demanding projects up to 16,384 channels, generate beautiful effects, and to host your custom designed layouts to touchscreens and mobile devices with ease.

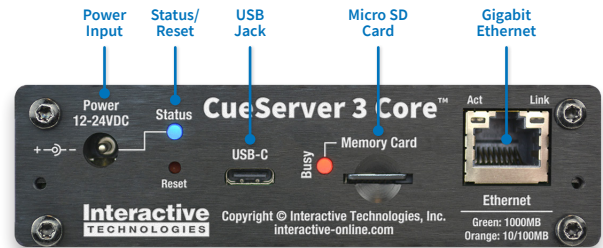
The **CueServer 3 Core DX** variant (CS-3150) additionally features two built-in isolated RJ45 DMX ports that can be configured as either DMX Inputs or Outputs. The DX model includes expanded I/O features including contact closure inputs, digital outputs, RS-232 serial, user-definable function buttons with RGB indicators, and stereo audio input/output for playing sound effects or music, or SMPTE timecode input.



CS-3150
CueServer 3 Core DX



Front Panel



Rear Panel

Features

- Completely self-contained lighting playback, architectural processor, and DMX fade engine with effects generator
- 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
- Built-in isolated RJ45 DMX ports configurable as inputs or outputs
- 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 Insite 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

Interactive Technologies, Inc.

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1-678-455-9019
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Catalog #:

Project:

Prepared by:

Date:

Specifications

| Feature | Detail | Description | |
|---------------------|--------------------------|--|--|
| Installable Options | DMX Channels | 1,024 Channels (Standard) 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, sACN, Art-Net, KiNet v1/v2, CueScript, CueStation | |
| | Serial | User-Defined ASCII, CueScript, CueStation | |
| Connections | Power | 2.1mm DC Power Input Jack | |
| | Network | RJ45 10/100/1000 Base-T Ethernet | |
| | DMX | (2x) Bi-directional RJ45 DMX ports | |
| | I/O | 10-Position Pluggable Terminal Block for 2 Contact Closure Inputs, 2 Low-Voltage Digital Outputs (500mA each), RS-232 Serial Port, Auxiliary 5VDC Output (200mA Max), and DC Power In/Out (VIN) | |
| | Audio | (2x) 3.5mm (1/8") audio jacks for stereo audio input and output | |
| | USB | USB-C Host Port | |
| User Interface | Function Buttons | (2x) User-Defined Function Buttons with RGB LEDs | |
| Power | Input | 12-24VDC, 4.7 Watts Max | |
| 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) | |
| Compliance | Standards | CE, FCC, RoHS | |
| 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 | 1.18" (30 mm) | |
| | Weight | 0.55 lbs. (0.25 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 3

CS-3150

CueServer 3 Core DX

Includes CueServer 3 Core DX with power supply, pluggable terminal block, and 1,024 channel license

CS-3150-AUST

Same as above w/Australian PSU

CS-3150-EURO

Same as above w/UK-Euro PSU

CS-UNIV

Additional Universe License

Adds one additional universe of channels (maximum 32)

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

Programming software for CueServer for both MacOS and Windows may be downloaded for free from interactive-online.com.



CueServer can be used to meet California Title 24 requirements.



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