

CueServer 3 is the third generation of CueServer lighting control processors from Interactive Technologies. CueServer 3 has been redesigned from the ground up to be more powerful, offer more capabilities, be easier to use, faster to install, and be more cost-effective, all while maintaining 100% compatibility with the CueServer 2 family of processors.

The following table outlines the technical differences between CueServer 2 and CueServer 3.

Feature	CueServer 2	CueServer 3	Improvement
LCD Display	80 Character Monochrome LCD with Navigation Buttons	480x128 Full Color Graphic LCD with Capacitive Touchscreen <sup>1</sup>	Easier to use and more capable front-panel menu system
Power Requirements	7 Watts (CS-920) 9 Watts (CS-900)	4.5 Watts (CS-31xx) 5.5 Watts (CS-3900)	~35% Reduced Power Consumption
CPU	Single-Core 800 MHz	Quad-Core 1.4 GHz plus 212 MHz I/O Coprocessor	700%+ Increase in Computing Power
Startup Time	32 Seconds to Show Running and DMX Output	8 Seconds to Show Running and DMX Output	4x Faster Startup
Ethernet Ports	100 Megabit (10/100 Base-T)	Gigabit Ethernet (10/100/1000 Base-T)	10x Speed Improvement
USB	Type-A and Type-B	Type-C	More Modern USB Standard
DMX Ports	TVS and Polyfuse Protection	Full Galvanic Isolation with TVS Protection	Higher protection level and immunity from ground loops
Module Capabilities	DMX-512 Protocol Only	Smart modules supporting multiple protocols and expansion options including DMX-512, I/O, Relays and more <sup>2</sup>	Superior system expansion capabilities
I/O Channels	Fixed Threshold Digital Inputs	Analog Inputs with Bi-directional output Capability <sup>3</sup>	Ability to receive 0-10V inputs, other analog sources (from 0 to VIN), and software configuration flexibility
Audio	Stereo Audio Input/Output	Stereo Audio Input/Output with Enhanced Filtering, Isolation, and EMF Network	Upgraded Sound Quality
Size	26 cu. in. (CS-920) 177 cu. in. (CS-900)	17 cu. in. (CS-31xx) 177 cu. in. (CS-3900)	33% size reduction (CS-31xx)
Weight	0.7 lbs. (CS-920) 3.2 lbs. (CS-900)	0.5 lbs. (CS-31xx) 2.6 lbs. (CS-3900)	~25% Lighter and ~25% Reduction in Materials

<sup>1</sup> LCD touchscreen not present on the CS-31xx family.

<sup>2</sup> Smart module slots not available on the CS-31xx family.

<sup>3</sup> Bi-directional I/O Channels not available on CS-31xx family.