



## Christie CAVE

The Christie® CAVE is a compact, standard room-sized advanced visualization solution that combines our renowned 3-chip DLP® high-resolution stereoscopic projection with motion tracking, interaction capabilities and real-time 3D computer graphics.

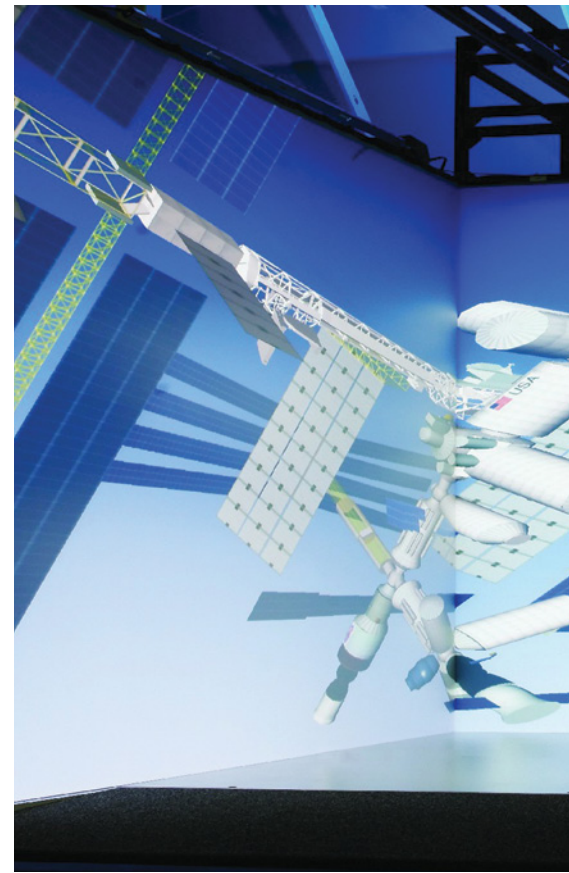
Powerful, easy to use and offering active stereo projection for advanced 3D performance with reduced overall operational costs, the Christie CAVE delivers high efficiency, high-performance 3D visualization with low maintenance and a low cost of ownership.

**CHRISTIE®**

With Christie's 3D/visualization solutions, you can transform understanding through immersion (scale), stereoscopy (depth perception) and interactivity (tracking, touch, gesture) for a broad range of commercial and research interests. With a variety of computing and image generator options, and improvements in translational software, integrated spatially immersive displays provide a giant leap in understanding and communication value.

### Why a CAVE?

- Creates a large field of view
- Realistic, life-size immersive environment
- Provides perspective not possible with traditional 2D software and tools
- Enables faster, more intuitive interaction with data
- Enables quick, accurate decision making



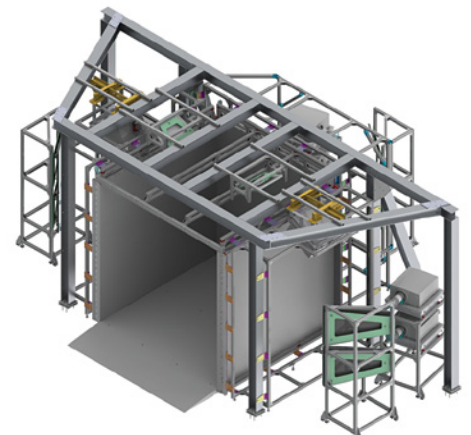
### Standard, 4-sided turnkey design

Available as a standard (4-channel) four-sided 8' x 10'8" configuration with a 4:3 aspect ratio or a high resolution (8-channel) 8' x 8' configuration, both Christie CAVEs offer a complete visualization system.

The compact footprint allows our visualization technology to be deployed in constrained environments and the optimized solutions make implementation rapid. Lightweight for quick installation yet rigid for structural integrity, the design incorporates projection displays, screens, tracking and interaction technology in one all-inclusive package.

The native 120Hz refresh rate along with brightness, versatility and reliability lets you focus on your data. The 8-channel CAVE design offers high-performance visualization with resolution up to 1920 x 1920 per facet and a 1:1 aspect ratio for even greater fidelity – data sets can be experienced life-size.

With support for active or passive computer sources, your data display is crisp and detailed, with excellent color and brightness uniformity and the ultimate control capability.

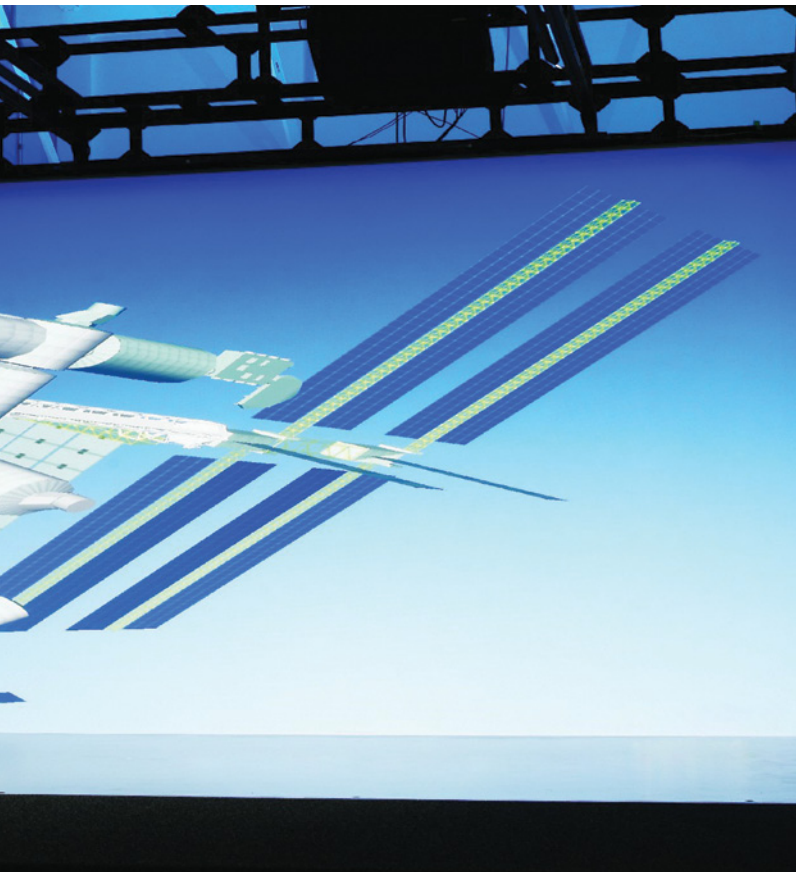


▲ Christie CAVE Configuration

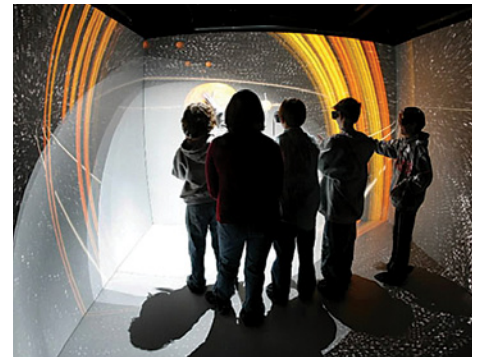
#### Benefits

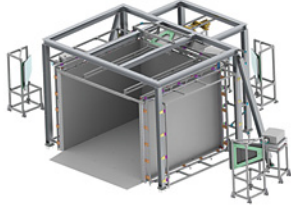
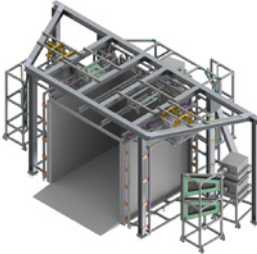
- Lightweight, yet rigid for quicker installation
- Ultra-high resolution in an extremely compact footprint
- Realistic life-size immersive environment with 1:1 or 4:3 aspect ratio
- High-performance dual image processing and full DVI-D bandwidth
- Lower maintenance costs, maintains contrast and is quieter to operate





- ▲ LITE - Totally Immersive Space (TIS)
- ◀ NASA CAVE
- ▶ Discovery World



	Christie CAVE	Christie CAVE
		
Aspect ratio	• 4:3	• High resolution, compact 1:1
Screen size and type	• Four 8' x 10'8" soft flat screens	• Four 8' x 8' soft flat screens
Display technology	• 3D stereoscopic/advanced visualization solutions designed and developed based on the world's most installed 3D display technology – Christie Mirage M Series DLP projection featuring the Christie Mirage WU7K-M	
Resolution per facet	• 1600 x 1200 per facet (7.7mpx total)	• 1920 x 1920 per facet (14.75mpx total) <sup>1</sup>
Footprint dimension (WxDxH)	• 35'10" x 25'4" x 12'2"	• 24'2" x 18'0" x 10'11"
Recommended room size (WxDxH)	• 35'10" x 25'4" x 13'2" space required for installation • 35'10" x 25'4" x 12'2" space required for service	• 30'2" x 18'0" x 11'1" space required for installation • 30'2" x 18'0" x 10'11" space required for service
Supported computer platforms	• Linux or Windows-based	
Video	• High-performance cabling to maintain proper signal quality	
Tracking	• Included with standard optical wireless user tracking	
Options	• Optional wireless tracking accessories • 5.1 surround audio	

<sup>1</sup> Two projectors per facet  
Contact your Christie sales representative for pricing.

- Three modes of 3D
- Native frame rate up to 120Hz over Dual Link DVI-D
- Frame-doubled content for maximum source compatibility and high-performance, flicker-free operation
- Dual input 3D



- ▲ Both standard Christie CAVE configurations each feature Christie Mirage M Series projectors that come standard with two high performance, full bandwidth 330 MHz dual link DVI-D inputs per projector. This feature enables the display of a frame-locked passive stereo source for high-performance active stereo at 120Hz without the need of a passive-to-active converter.

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ISO 9001  
ISO 14001

Kitchener, Ontario



For the most current specification information, please visit [www.christiedigital.com](http://www.christiedigital.com)



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