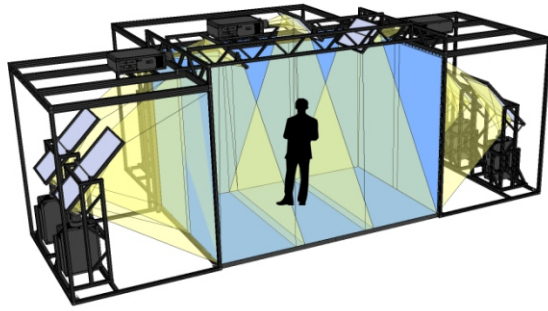


# VisCube C4-T3X™

## CAVE Immersive 3D Display



The **VisCube C4-T3X™** is a **extreme resolution CAVE** immersive virtual reality system. It features rear-projection walls and a front projected floor. The 13' wide front wall and floor allow more viewers in the space than a standard 10' wide CAVE configuration. The VisCube C4-T3X is configured as a turn-key immersive virtual reality system, complete with a tracking system and graphics workstation. See datasheet below.

The VisCube C4-T3X features projectors with a **laser light source**, providing stable color and eliminating lamp replacements.

## VisCube C4-T3X Datasheet



### System Specifications

- Resolution: 6000x4096 front wall  
4096x4096 side walls
- Screens: 3 walls + 1 floor
- Screen size: 158" w x 108" h front wall (4.01m x 2.74m)  
108" w x 108" h side walls (2.74m x 2.74m)
- Footprint: 28' w x 16.7' d x 11.7' h (8.54m x 5.07m x 3.73m)

Includes:

- 10 active stereo 4K projectors (4096x2160 each)
- Laser light source: stable color, no lamp changes
- Digital edge blending
- Free-standing aluminum structure with front-surface mirrors
- Raised floor surface
- Custom projector positioners
- Active stereo and 10 pairs of glasses
- Video, projector control, projector sync, and power cabling
- Installed and calibrated on-site by Visbox, Inc.



### A.R.T. Optical Tracking

- ARTTRACK5 system (4 high resolution cameras)
- Tracked head, tracked wand (controller)



### Image Generator

- Graphics workstation cluster with NVIDIA Quadro graphics
- 19" APC rack and all cabling
- Control console with monitor/keyboard/mouse
- Software demos, applications, and development libraries



### Sound System

- Soundbar and subwoofer



### Option: Surround Sound System

- 5.1 Surround speakers: 5 satellite, subwoofer
- 5.1 Surround system processor/amplifier



### Option: MiddleVR for Unity

- Run Unity applications in the VisCube



### Option: Dual-View

- Special 3D glasses (240hz) to allow for 2 separate 3D viewpoints

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[www.visbox.com](http://www.visbox.com)

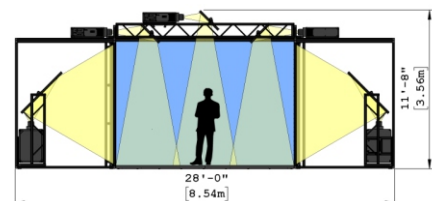
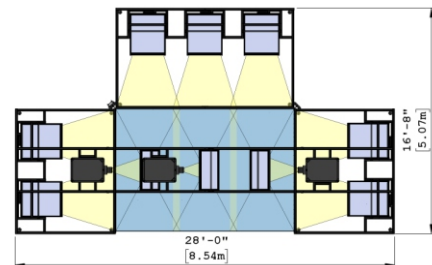
## Key Features:

- **Extreme resolution CAVE** VR system
- **Small footprint:** fits into existing spaces
- Multi-screen Immersion: 3 walls and a floor
- Extra large **13.2' wide** front wall allows more viewers
- **6000x4096 resolution** front wall and floor
- **Laser light source:** stable color, no lamp changes
- Multi-use: mono, stereo 3D, tracked stereo 3D (VR)
- High framerate (240hz) for dual-view (2 separate 3D views)
- Custom configurations available



## Multi-Screen Applications

The VisCube provides a high level of immersion using multiple life-size 3D display surfaces surrounding the user. With the addition of head tracking, virtual objects appear at human scale and users can manipulate their perspective with natural head movements. This ability to look in, out, and around virtual objects enhances the ability to visualize many types of data.



## Other VisCube Models

- VisCube M4, M5: 12' wide, 1920x1200
- VisCube C1, C2, C4: 12' wide, 1920x1200
- VisCube C4-4KU: 12' wide, **3840x2400**
- VisCube C4-T2: 10' wide, **4096x4096**
- VisCube LED: **bright, seamless, scalable**

## Contact Us:

Visbox, Inc.  
304 Northgate Drive  
St. Joseph, IL 61873 USA

[www.visbox.com](http://www.visbox.com)  
[sales@visbox.com](mailto:sales@visbox.com)  
1-217-469-2020