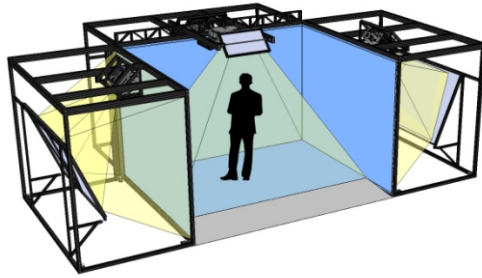


# VisCube C4™

## CAVE Immersive 3D Display



The **VisCube C4™** is an **affordable high performance CAVE** immersive virtual reality system. It features rear-projection walls and a front projected floor. The 12' wide front wall and floor allow more viewers in the space than a standard 10' wide CAVE configuration. The VisCube C4 is configured as a turn-key immersive virtual reality system, complete with a tracking system and graphics workstation. See datasheet below.

The VisCube C4 can be installed in existing spaces. **The system fits within standard office 9' ceiling heights.** This eliminates time-consuming and costly room modifications.

### VisCube C4 Datasheet



#### System Specifications

- Resolution: 1920x1200 front wall, floor  
1600x1200 side walls
  - Screens: 3 walls + 1 floor
  - Screen size: 144" w x 90" h front wall, floor (3.66m x 2.29m)  
120" w x 90" h side walls (3.05m x 2.29m)
  - Footprint: 24' w x 16.5' d x 9' h (7.29m x 4.93m x 2.71m)
- Includes:
- 4 active stereo projectors (1920x1200)
  - Laser light source: stable color, no lamp changes
  - 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

- TrackPack4 system (4 cameras)
- Tracked head, tracked wand (controller)



#### Image Generator

- Graphics workstation with NVIDIA Quadro graphics
- 19" APC rack and all cabling
- Control console stand 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

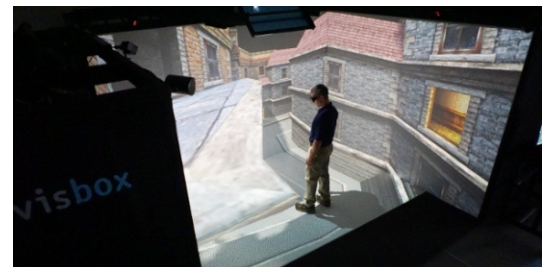


#### Option: MiddleVR for Unity

- Run Unity applications in the VisCube

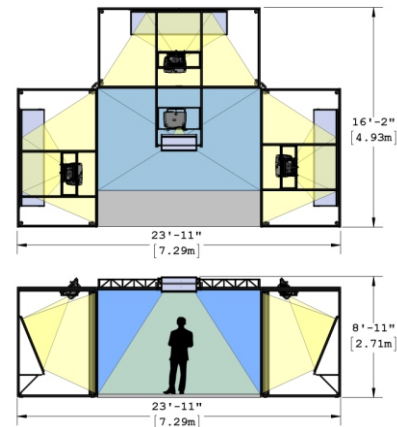
### Key Features:

- **Affordable high performance CAVE** VR system
- **Small footprint:** fits into existing spaces
- Multi-screen Immersion: 3 walls and a floor
- Extra large **12' wide** front wall allows more viewers
- **1920x1200 resolution** projectors
- **Laser light source:** stable color, no lamp changes
- Multi-use: mono, stereo 3D, tracked stereo 3D (VR)
- 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 C4-4KU: 12' wide, **3840x2400**
- VisCube C4-T2: 10' wide, **4096x4096**
- VisCube C4-T3X: 13' wide, **6000x4096**
- VisCube LED: **bright, seamless, scalable**

Information in this brochure is subject to change without any notice. For up-to-date information and to learn more about Visbox, Inc.'s various products and services, please visit our website at:

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

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