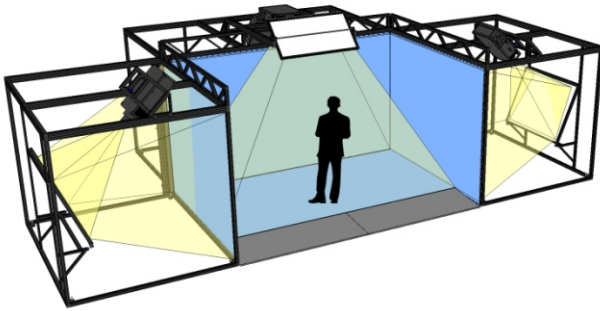


VisCube C4-4K™

CAVE Immersive 3D Display



The **VisCube C4-4K™** is a high resolution CAVE immersive virtual reality system. It features rear-projection walls and a front projected floor. The 14.1' wide front wall and floor allow more viewers in the space than a standard 10' wide CAVE configuration. The VisCube C4-4K is configured as a turn-key immersive virtual reality system, complete with a tracking system and graphics workstation. See datasheet below.

The VisCube C4-4K features a **laser light source**, providing stable color and eliminating lamp changes. The VisCube C4-4K is similar in layout to the popular VisCube C4-WU except with almost 4 times the resolution.

VisCube C4-4K Datasheet



System Specifications

- Resolution: 4096x2160 front wall, floor
2860x2160 side walls
- Screens: 3 walls + 1 floor
- Screen size: 172" w x 91" h front wall, floor
120" w x 91" h side walls
- Footprint: 30.6' w x 18.5' d x 10.3' h (approx)
- Includes:
 - 4 active stereo 4K projectors (4096x2160)
 - 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 shutter 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



Image Generator

- Graphics workstation 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 (4.1)



Option: Surround Sound System

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

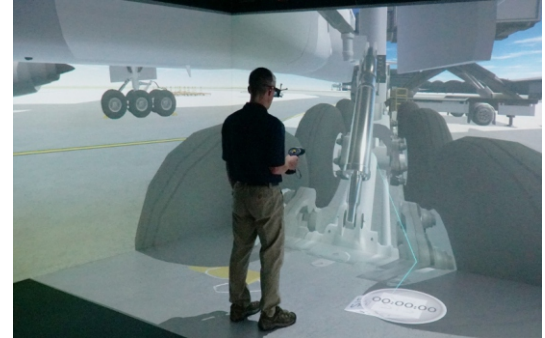


Option: MiddleVR for Unity

- Run Unity applications in the VisCube

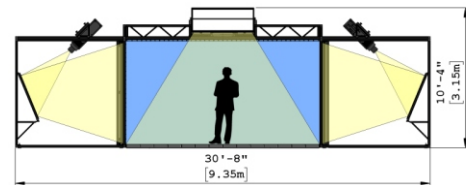
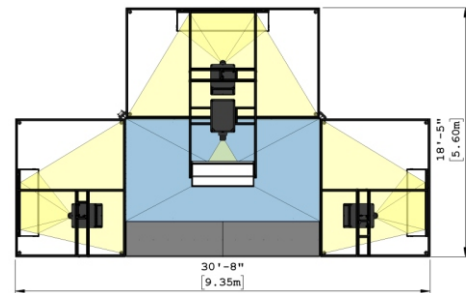
Key Features:

- High resolution CAVE VR system
- Multi-screen Immersion: 3 walls and a floor
- Extra large **14.3' wide** front wall allows more viewers
- **4K (4096x2160) resolution**
- **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: 12' wide, 1920x1200 or 2560x1600
- VisCube C4: 12' wide, 1920x1200 or 2560x1600
- VisCube C4-T2: 10' wide, 2840x2560
- VisCube C4-T3: 12' wide, **4096x2560**
- VisCube C4-T3X: 13' wide, **6000x4096**

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:

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