VisCube C1, C2™
## CAVE Immersive 3D Display

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Key Features:
- **Low cost** subsystems of the VisCube C4 (CAVE)
- **Small footprint:** fits into existing spaces
- One wall or one wall with floor
- Extra large **12' wide** front wall
- **1920x1200 resolution**
- **Laser light source:** stable color, no lamp changes
- Multi-use: mono, stereo 3D, tracked stereo 3D (VR)
- Custom configurations available
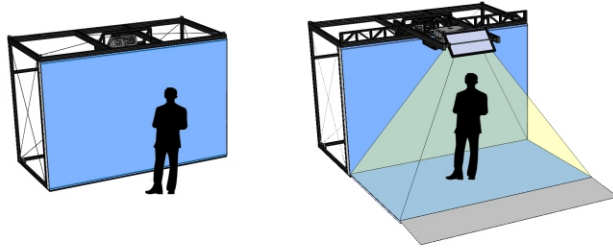
The **VisCube C1™** and **VisCube C2™** are **low cost** subsystems of the VisCube C4 CAVE immersive virtual reality system. The VisCube C1 features a large rear-projection wall. The VisCube C2 features a large rear-projection wall and a front projected floor. These systems are configured as turn-key immersive virtual reality systems, complete with a tracking system and graphics workstation. See options below.

The VisCube C1 and VisCube C2 can be installed in existing spaces. **The systems fit within standard office 9' ceiling heights.** This eliminates time-consuming and costly room modifications.

VisCube C1, C2 Datasheet

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System Specifications
- Resolution: 1920x1200 per surface
- Screens: wall (C1) or wall and floor (C2)
- Screen size: 144"w x 90"h per surface   (3.66m x 2.29m)
- Footprint:
   C1: 12'w x 6'd x 9'h   (3.57m x 1.82m x 2.68m)
   C2: 12'w x 16'd x 9'h   (3.57m x 4.91m x 2.71m)
Includes:
- 1 or 2 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.

ART▶ A.R.T. Optical Tracking
- TrackPack4 system (4 cameras)
- Tracked head, tracked wand (controller)

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

Sound System
- Soundbar and subwoofer

Option: MiddleVR for Unity
- Run Unity applications in the VisCube

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.

C1   C2
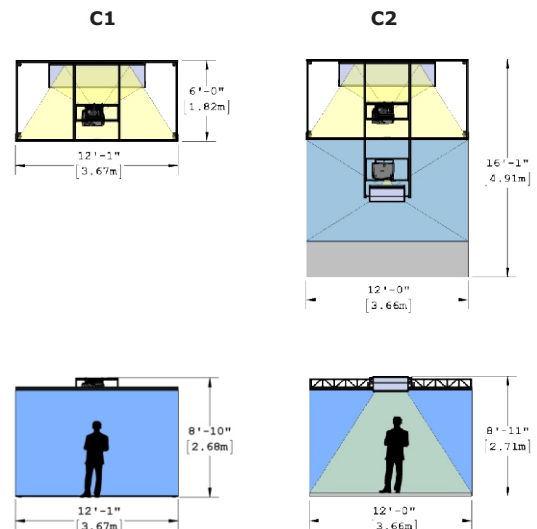
Other VisCube Models
VisCube M4, M5: 12' wide, 1920x1200
VisCube C4: 12' wide, 1920x1200
VisCube C4-4KU: 12' wide, **3840x2400**
VisCube C4-T2: 10' wide, **4096x4096**
VisCube C4-T3X: 13' wide, **6000x4096**
VisCube LED: **bright, seamless, scalable**

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

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