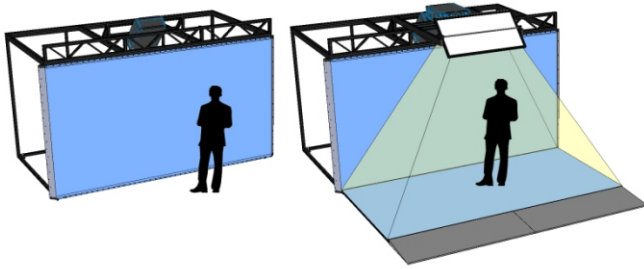# VisCube C1-4K™, C2-4K™

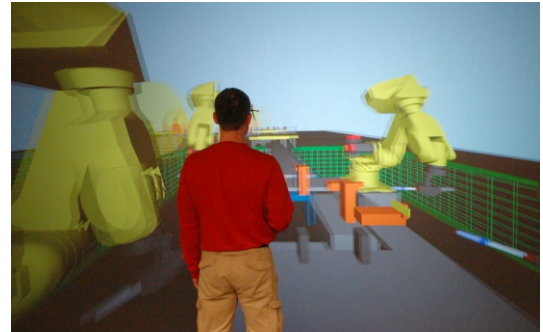## CAVE Immersive 3D Display

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Key Features:
- Subsystems of VisCube C4-4K high resolution CAVE
- One wall or one wall with 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

The **VisCube C1-4K™** and **VisCube C2-4K™** are subsystems of the high resolution VisCube C4-4K CAVE immersive virtual reality system. The VisCube C1-4K features a large rear-projection wall. The VisCube C2-4K features a large rear-projection wall and a floor projection. These systems are configured as a turn-key immersive virtual reality systems, complete with a tracking system and graphics workstation.

The VisCube C1-4K and VisCube C2-4K feature projectors with a **laser light source**, providing stable color and eliminating lamp changes. The VisCube C1-4K and VisCube C2-4K are similar in layout to the popular VisCube C1 and C2 except with almost 4 times the resolution.

VisCube C1-4K, C2-4K Datasheet

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System Specifications
- Resolution: 4096x2160 per surface
- Screens: wall (C1-4K) or wall and floor (C2-4K)
- Screen size: 171"w x 90"h per surface
- Footprint:
    C1-4K: 14.3'w x 8.5'd x 9.5'h (approx)
    C2-4K: 14.3'w x 18.5'd x 10.3'h (approx)
Includes:
- 1 or 2 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 (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
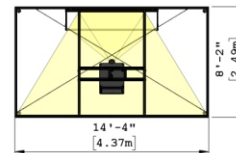
Sound System
- Soundbar and subwoofer

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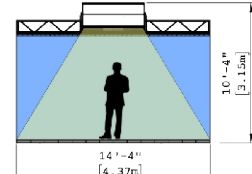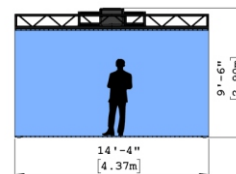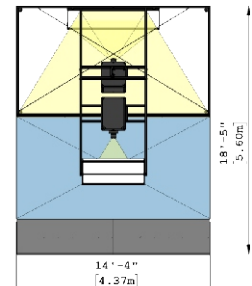- Run Unity applications in the VisCube

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.

C1-4K   **C2-4K**

Other VisCube Models
VisCube M4, M5: 12' wide, 2560x1600
VisCube C1, C2, C4: 12' wide, 2560x1600
VisCube C4-4K: 14.25' wide, **4096x2160**
VisCube C4-T2: 10' wide, 2840x2560
VisCube C4-T3: 12' wide, **4096x2560**
VisCube C4-T3X: 12' 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:

www.visbox.com