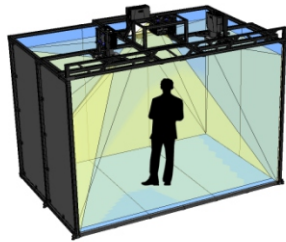


# VisCube M4™

## CAVE Immersive 3D Display



The **VisCube M4™** is a **low cost, high performance** front projected CAVE immersive virtual reality system. The VisCube M4 is a turn-key immersive virtual reality system, complete with a tracking system and graphics workstation.

The **VisCube M4** is **ultra compact**. It can be installed in very small spaces.

The **VisCube M4** makes use of high quality ultra-short throw optics. The result is excellent image quality. Users do not cast a shadow until they are within an arm's length from the screen. Getting any closer is not very useful, the system provides the same experience as a rear projected CAVE.

## VisCube M4 Datasheet



### System Specifications

- Resolution: 1920x1200 front wall, floor  
1280x1200 side walls
- Screen size: 140" x 87.5" front wall, floor (3.56m x 2.22m)  
94" x 87.5" side walls (2.39m x 2.22m)
- Footprint: 12.5'w x 8.3'd x 9.7'h (3.81m x 2.55m x 2.97m)

### Includes:

- 4 active stereo projectors (1920x1200)
- Laser light source: stable color, no lamp changes
- Free-standing structure
- Projection 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" 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

- Surround speakers: 5 satellite and subwoofer (5.1)
- Surround system processor/amplifier



### Option: MiddleVR for Unity

- Run Unity applications in the VisCube

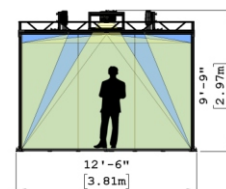
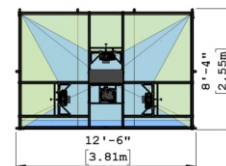
## Key Features:

- **High performance** front projected **CAVE** VR system
- **Ultra compact footprint:** fits into very small spaces
- Free-standing: can be placed anywhere in a room
- Multi-screen Immersion: 3 walls and a floor
- Extra large **12' wide** front wall allows more viewers
- **1920x1200 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 C1, C2, 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](http://www.visbox.com)

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