

HoloVizio 360P

Why HoloVizio is true 3D?

User benefits of Holografika technology in 3D display solutions:

- Continuous motion parallax, which provides "look-behind" capability
- Large field of view supports more viewers, and collaborative use
- No fixed viewer positioning required, viewer can freely move in front of the screen
- No optical contradictions, no side effects, discomfort, disorientation in longer, everyday use
- Stable 3D image which doesn't "jump" between views in the horizontal perspective
- Reference points do not move if the viewer is moving and are exactly there where they seem to be (the 3D object position does not depend on the viewers' position)
- No head tracking necessary (no latency or accuracy problems)
- The 3D view can be seen in the entire field of view, no invalid zones
- Any kind of objects or 3D views can be visualized with correct occlusion, vs. wire frame, translucent images only, offered by certain technologies
- Ability to display any type of 3D information and to use different OpenGL based 3D software solutions
- 2D compatibility. No need to switch between 2D and 3D view
- Full frame rate motion and real-time interactivity
- Proper brightness, good visibility under normal lighting conditions

3D display for promotion



HoloVizio shines in a trade-show (GITEX, Dubai) with its stunning 3D picture quality and brightness

"Historically, 3D displays have typically featured some sort of trade off in image quality so that they were never as good as their 2D counterparts. Recent developments in 3D displaying have demonstrated this not only possible but reasonably cost effective."

Insight Media, 3D Technology and Markets, A Study of All Aspects of Electronic 3D Systems, Applications and Markets



Best Exhibit Award at ICT Lyon

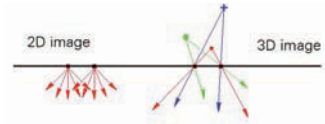
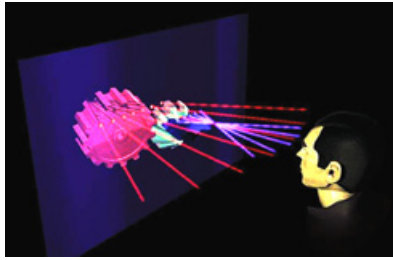


Alternative layouts for different trade show environments



The 3D displaying technology that works

The holographic 3D display system developed by Holografika overcomes the limitations of the current 3D displays, reconstructing natural 3D images to a number of viewers in a reasonable field of view, with walk-around possibility without any restrictions.



This is a high-end solution compared to other technologies and fulfils all the requirements of real 3D displaying simultaneously.

Stunning 3D images for your customers

- ▶ Complete self-contained system incorporating cluster control
- ▶ Easy interfacing existing software environments*
- ▶ Easy to adopt to various installations
- ▶ HoloVizio kiosk for digital signage
- ▶ 44" vertical screen format
- ▶ Custom designs
- ▶ Vivid LED colours
- ▶ Years long cycle
- ▶ Light-weight mechanics
- ▶ 24/7 operation



Tested software with HoloVizio systems:

*HoloVizio is compatible with applications based on the following common OpenGL-based visualization libraries:

OpenInventor, Inventor, Coin3D, OpenSceneGraph, AVS/Express, jMonkey, WorldWind, Unity.

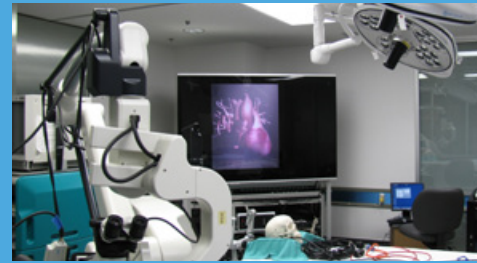
CAD models ArchiCAD, AutoCAD, Autodesk Inventor, Alias StudioTools, CATIA, CoCreate OneSpace, DesignCAD, Pro Engineer, Rhino, Siemens NX, SolidWorks, SolidEdge, Unigraphics, VR4MAX

Models from modeling software 3ds Max, Blender, Bryce, Cinema4D, LightWave 3D, Maya, Softimage XSI

Scientific / Simulation models 3D Slicer, Ansys, Abacus, Comsol Multiphysics, Mathematica, Matlab, Mercury, Visual Molecular Dynamics

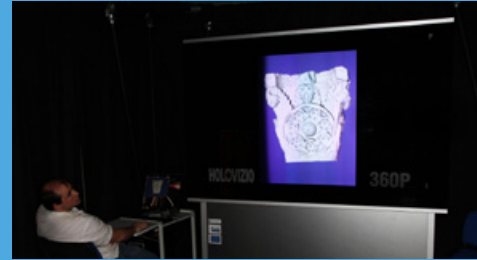
3D model viewers IVTuneViewer, DeepView, EON Viewer, Milkshape 3D

Customer applications



University Calgary

Health Research Innovation Centre
Project neuroArm and iMRI



ARTS et Métiers Paristech

Institut Chalon-sur-Salon
Laboratoire Electronique
Informatique et Image
Équipe Immersion Virtuelle



Product name

HoloVizio 360P

Aspect ratio

3:4 (portrait format)

Screen size

44"

675 mm × 890 mm

3D resolution

30 Mpixel

2D equivalent resolution

800 × 1060 pixel (or higher)

Input

Gigabit Ethernet

Signal cable

CAT6 Ethernet cable

Compatibility

PC & WorkStation

Viewing angle

45°

Colour

16 Million brilliant LED colour (24 bit RGB)

115% NTSC

Brightness

500 cd/m2

Power network compatibility

50 Hz ... 60 Hz

Nominal voltage level(s)

230/400 V, 115/200 V

Power Consumption

2.9 kW

Operating temperature

+0°C ... +25°C

Relative humidity

Max. 80% / 50%

Usage type

Indoor

Footprint requirement

1.8 × 0.9 × 2.2 m (W × D × H)

HOLOVIZIO™

HOLOGRAFIKA

Holografika Kft. Pf. 100. Budapest H1704, Hungary,
Tel: +36-1-2824921, Fax: +36-1-3581208, www.holografika.com