

HOLOVIZIO™



A BREAKTHROUGH
IN 3D
DISPLAYING



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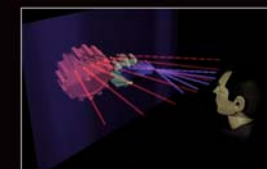
HOLOVIZIO™

The technology that works

HoloVizio is the first 3D displaying system that complements your current CG 3D software environment and enables you to watch the image in „true“ 3D, in a wide FOV with continuous motion parallax. The proprietary holographic displaying technology patented by Holografika provides a perfect 3D visualisation experience i.e. different views from different directions, even look behind the objects from various angles.

Technology:

HoloVizio is not a simple stereoscopic device. Each image visualized by HoloVizio contains equal amount of information to almost 100 conventional 2D images. Every single voxel of HoloVizio emits light beams at a different color and intensity to various directions. If these lights are controlled appropriately it appears as if they were emitted from behind or in front of the screen. In such a case viewers perceive the points of an image behind or in front of the screen floating in the space.



Using HoloVizio you are able to utilise the following advantages:

- "True" 3D image visible to naked eye
- Natural, "window-like" view, continuous motion parallax, no optical contradiction
- Collaborative use, no positioning required
- Third party software compatibility through Holografika's software package incl. the OpenGL wrapper.



Products:

- Monitors: HoloVizio 128 WD, 32", 10 Mpixel, 16:9,50° FOV
 HoloVizio 96 ND, 26", 7,4Mpixel, 4:3, 50° FOV
- Large-scale system: HoloVizio 640 RC, 72", 50 Mpixel, 16:9,50°-70° FOV
- For technical specification see www.holografika.com.

Markets:

- Medical • CAD design (automotive, architectural, molecular, etc.) • Geological exploration (gas-oil, etc.) • Security (3D luggage scanning, etc.) • Air traffic control • Video communication, telepresence • Entertainment, gaming • 3DTV



In the framework of European R&D cooperations like COHERENT, HOLOINICS and HOLOVISION under IST-FP6 Holografika is developing the next generation 3D displaying solutions based on the latest microdisplay, laser & LED technologies, 3D interaction tools along with the related software environment and novel 3D applications.

For more information visit www.holografika.com