

HoloVizio 80WLT

The new generation of HoloVizio desktop displays

3D VIVANT

The 3D VIVANT project investigates the possibility of using different technologies for capture and display of 3D content.

www.3dvivant.eu

EU FP7-ICT-248420

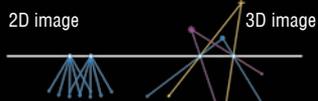
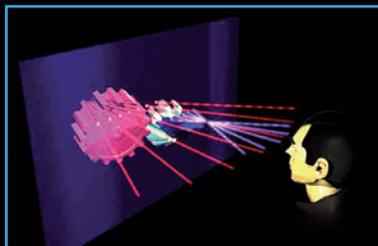
Full-angle 3D displaying

The world's first full-angle glasses-free 3D monitor

- ▶ 180 degrees FOV
- ▶ Continuous motion parallax, "look behind" capability
- ▶ No viewer positioning, total freedom in viewer experience
- ▶ No invalid zones, no periodically repeated views
- ▶ Highest native 3D resolution available
- ▶ Vivid LED colours
- ▶ 2D compatibility
- ▶ Easy interfacing to existing software environments
- ▶ Professional medical, security and CAD applications
- ▶ Full support of 3D light field format
- ▶ Multiple body-color options

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 fulfills all the requirements of real 3D displaying simultaneously

Light Field™

Product specification:

Product name

HoloVizio 80WLT

Aspect ratio

16:10

Screen size

30" - 630 mm × 390 mm

3D resolution

78 Million pixels

2D equivalent resolution

1280 × 768

Viewing angle

180° horizontal

Colour

16 Million brilliant LED colour (24 bit RGB)

115% NTSC

Brightness

300 cd/m²

Input

Gigabit Ethernet with preconfigured PC/cluster or 20x DVI (dual link)

Compatibility

PC

Dimensions

920mm x 568mm x 479mm (W x H x D)

Mass

68 kg

Power network compatibility

50 Hz ... 60 Hz

Nominal voltage level(s)

230/400 V, 115/200 V

Power Consumption

850 W

Operating temperature

+10°C ... +25°C

Relative humidity

Max. 80% / 50%

Usage type

Indoor