3D INTERNATIONAL

21.5" Multi-Touch CLD 3D-Display

We are proud to introduce our new glasses-free 21.5" touch-screen display. The screen features the all new CLD 3D optics producing sharp, bright and crisp 3D images. On top of that, it is equipped with infrared based multitouch functionality.

The majority of previous glasses-free 3D screens had a designated viewing distance that is a multiple of human arm's length and hence was not useable for touch screen applications.

With our new 21.5" CLD, we were able to shorten the 3D viewing distance to arm's length while achieving an excellent 3D impression. The apparatus uses 5 new patents/patents pending for the various 3D technology components included.

"The screen can be perfectly used and incorporated into vending machines, kiosks and infotainment systems", said Stephan Otte, Head of Hardware Development in 3D International Europe. *"We are very pleased to offer one of the first glasses-free 3D multi-touch display products in the market at an affordable price."*

3D International supports all its 3D display products with a full range of useful tools for content creation and playback, real time drivers and other software modules.

VisuMotion Software included!

3D Movie Center Library
with ActiveX Control
A powerful playback Software for various 2D, Stereo and Multi-View 3D formats.

DeepOutside3D.Z
Realtime conversion tool for DirectX or OpenGL based games and applications, with a very high performance also on auto-stereoscopic screens!

Software Development Kit (SDK)
Create your own 3D programs and make use of our established developer libraries.

Technical Details

Display type:	Multi-Touch CLD 3D-Display
Screen size:	546 mm (21.5")
Active display area (W/H):	476,6 x 268,1 mm²
Native resolution:	1920 x 1080 Pixel (FullHD)
Pixel Pitch (RGB-Triplet):	0,248 mm
Response time:	5 ms
Dimensions (W/H/D):	513 x 419 x 263 mm³
without stand:	513 x 332 x 75 mm³
Number of views:	5
3D viewing distance:	Minimum: 0,80 m
	Optimum: 1,00 m
	Maximum: 1,80 m
Connectors:	D-Sub (Analog)
	DVI-D (Digital)
	3,5 mm Audio
Power supply:	AC 100–240V, 50/60Hz
Weight:	ca. 5,5 kg