SeeFront
3D GETTING REAL

SF3D-230CQ
23" Autostereoscopic open frame 3D Display

View 3D content without special glasses: The autostereoscopic 3D display SF3D-230CQ is designed to deliver a true 3D experience at the utmost freedom of movement for a single user.

The patented SeeFront 3D® Technology delivers impressive optical quality. Designed for demanding professional applications the SeeFront SF3D-230CQ combines superior 3D image quality with "plug & play" functionality.

- Freedom of movement: The SeeFront SF3D-230CQ allows the user to move naturally in all directions in front of the 3D display. The image on the display is optimized for the user's position in real-time by using a camera-based tracking system with auxiliary IR illumination.

- Brilliant 3D image quality: SeeFront 3D® Technology offers high resolution, color fidelity, high brightness and true 3D depth.

- Various 3D content input sources: 3D photos, animations and videos, 3D movies and 3D live video streams all appear on the SeeFront SF3D-230CQ the way they are meant to be seen. The SeeFront 3D® Media Viewer displays images and videos in the most common file formats. Furthermore, the SeeFront SF3D-230CQ will work with all 3D enabled applications supporting 1080p side-by-side half-size and 720p frame-packed according to HDMI 1.4a.

- The SeeFront SF3D-230CQ is a "plug & play" 3D open frame display with DVI-D input. It will be available in Q3/2013 for integration into OEM products. A 3M multitouch panel is optional.

- The SeeFront SF3D-230CQ will also be available as part of a developer kit. Please inquire for more information.

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Specifications

Panel size	23"/58 cm (584,2 mm diagonal)
Active display size (w x h)	509,2 x 286,4 mm
Native resolution (of base display)	1920 dots x 1080 lines Aspect ratio 16:9
Pixel pitch	0.2652 x 0.2652 mm
Display colors	16.7 million
Tracking system	Camera-based eye tracking with auxiliary IR illumination
Head box at 750 mm distance	790 x 670 mm (w x h)
Viewing distance 3D (min./opt./max.)	600 / 750 / 920 mm
Brightness Luminance (typ.)	250 cd/m²
Contrast (typ.)	1000:1
LCD technology	IPS, LED backlight
Typ. response time rise/fall	14/256 ms (gray to gray: typ./max.)
Color adjustment	Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain reset (optional switch panel)
Video input terminals	DVI-D
Plug & play	VESA DDC 2B
Stereo input (according to HDMI 1.4a)	1080p side-by-side compressed @ 60 Hz 720p frame packed @ 60 Hz
Power consumption	Max. 90 Watt
Dimensions	563 x 360 x 110 mm (w x h x d)
Certifications and standards	CE, TÜV GS, TÜV/Ergonomics ISO 13406-2, TCO03, Energy Star
USB-Ports/Standard	USB 2.0 control port
Supplied accessories	Setup guide, AC power cord, signal cable (DVI-D), PDF User's manual
Weight	ca. 9 kg
Main board	ITX board with 2nd Generation Intel® Core i3 Processor (optional i5/i7)