



SF3D-320MP

32" Autostereoscopic 3D Monitor with 3840 x 2160 pixels UHD panel

View 3D content without special glasses: Based on the patented SeeFront 3D® Technology the autostereoscopic 3D monitor SF3D-320MP delivers a true 3D experience at the utmost freedom of movement for a single user.

Designed to showcase the capabilities of SeeFront 3D® for demanding professional applications the SeeFront SF3D-320MP combines superior 3D image quality with "plug & play" functionality.

- Freedom of movement: The SeeFront SF3D-320MP 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 combined with an Ultra HD (UHD) display panel with 3840 x 2160 pixels offer color fidelity, high brightness and true 3D depth at the highest possible resolution.
- Various 3D content input sources: 3D photos, animations and videos, 3D movies and 3D live video streams all appear on the SeeFront SF3D-320MP the way they are meant to be seen. The SeeFront SF3D-320MP works with all 3D enabled applications and supports 1080p side-by-side (half), 1080p frame packing and several other stereo 3D formats. Furthermore, the optional SeeFront 3D® Media Viewer displays images and videos in the most common file formats.

SeeFront SF3D-320MP

32" Autostereoscopic 3D Monitor

Specifications

LCD panel	UHD 3840 x 2160 pixels
- Panel size	32"/812.8 mm diagonal
- Active display size (w x h)	708.48 x 398.52 mm
- Native resolution	3840 dots x 2160 lines Aspect ratio 16:9
- Pixel pitch	0.1845 x 0.1845 mm
- Display colors	1.07 billion
- Brightness luminance (typ.)	350 cd/m ²
- Contrast (typ.)	1000:1
- Backlight unit	2 LED edge backlights
- Response time typ./max.	12 ms (gray to gray)
Tracking system	Dual-camera based eye tracking with auxiliary IR illumination
Head box ¹ at 700 mm distance	860 x 610 mm (w x h)
Viewing distance 3D (min./opt./max.)	600 / 700 / 1500 mm
Stereo input	1080p frame-packing @ 60 Hz 720p frame packing @ 60 Hz 1080p side-by-side (half) @ 60 Hz 1080p top-bottom (half) @ 60 Hz 1080p interleaved @ 60 Hz
Latency	< 35ms
HDCP protected content	Supported upon request
Power consumption	24 V, typ. 100 Watt
Dimensions	760 x 490 x 85 mm (w x h x t) monitor without stand
Certifications and standards	CE (class A) ²
USB-Ports/Standard	USB 2.0 control port
Supplied accessories	AC power cord, 24 V power supply Monitor stand PDF User's Manual
Weight	approx. 14.6 kg (excluding stand)
Main board	ITX board with 6 th Generation Intel® Core i3 Processor Embedded Linux

¹ The head box is the volume with optimal 3D image quality. Outside the head box the viewer may still have a good 3D effect.

² For commercial, business and industrial use

Version 1.01 /2018-04

Data and images provided for informational purposes. Design and specs of actual product may differ slightly.

