SF3D-156MP

15.6" 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-156MP delivers a truly stunning 3D experience for a single user.

The SeeFront SF3D-156MP is pre-series and will be on offer as a SeeFront technology evaluation kit from Q3/2018. This model has been designed to showcase the capabilities of SeeFront 3D® for a wide range of applications. The detached image processing unit allows for a variety of testing situations. The 3D monitor combines superior 3D image quality with "plug & play" functionality.

- Freedom of movement: The SeeFront SF3D-156MP 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.

- Exceptional 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-156MP the way they are meant to be seen. The SeeFront SF3D-156MP 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-156MP
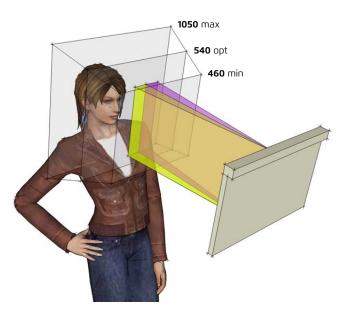
15.6" Autostereoscopic 3D Monitor

Specifications

LCD panel	UHD 3840 x 2160 pixels
- Panel size	15.6"/396.24 mm diagonal
- Active display size (w x h)	345.1 x 194.4 mm
- Native resolution	3840 dots x 2160 lines Aspect ratio 16:9
- Pixel pitch	0.09 x 0.09 mm
- Display colors	16.7 million
- Brightness luminance (typ.)	340cd/m^2
- Contrast (typ.)	1000:1
- Backlight unit	bottom edge side, 1-LED lighting bar type
- Response time typ./max.	30/35 ms (gray to gray)
Tracking system	Dual-camera based eye tracking with auxiliary IR illumination
Head box[1] at 890 mm distance	1170 x 750 mm (w x h)
Viewing distance 3D (min./opt./max.)	460 / 540 / 1050 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	12 V, typ. 37 Watt
Dimensions	376 x 269 x 38 mm (w x h x t) monitor without stand
Certifications and standards	Tba (engineering sample)
USB-Ports/Standard	USB 2.0 control port
Supplied accessories	AC power cord, 12 V power supply Monitor stand PDF User's Manual
Weight	approx. 3.0 kg
Main board	ITX board with 6th Generation Intel® Core i3 Processor Embedded Linux

1050 max
540 opt
460 min

[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.

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