



SD – Stereoscopic LCD Monitors

Introducing the Next Generation of Stereoscopic Displays

- Excellent Stereo Image Quality
- Comfortable Stereo Viewing
- Elegantly Simple

Planar's SD product line, featuring innovative StereoMirror™ technology, provides the highest-quality stereoscopic image available in a desktop monitor. These displays have the exemplary resolution and brightness you've come to expect from Planar.

Planar's SD line is available in three sizes: 17" with SXGA resolution (1280x1024), 20" with UXGA resolution (1600x1200) and 23" wide-format with WUXGA (1920x1200) resolution. Only Planar StereoMirror monitors deliver the full resolution to both eyes for stunning stereo imaging.

FEATURES and BENEFITS:

- Multiple resolutions and sizes
- Full-resolution stereo viewing
- Flicker-free, high-contrast imaging
- Viewable in typical office lighting
- Multi-user, wide-angle viewing
- Compatible with several off-the-shelf graphics cards
- Plug-and-play with OpenGL and DirectX applications that support stereo
- Uses simple polarizing glasses
- 1-Year Customer First™ Warranty

APPLICATIONS:

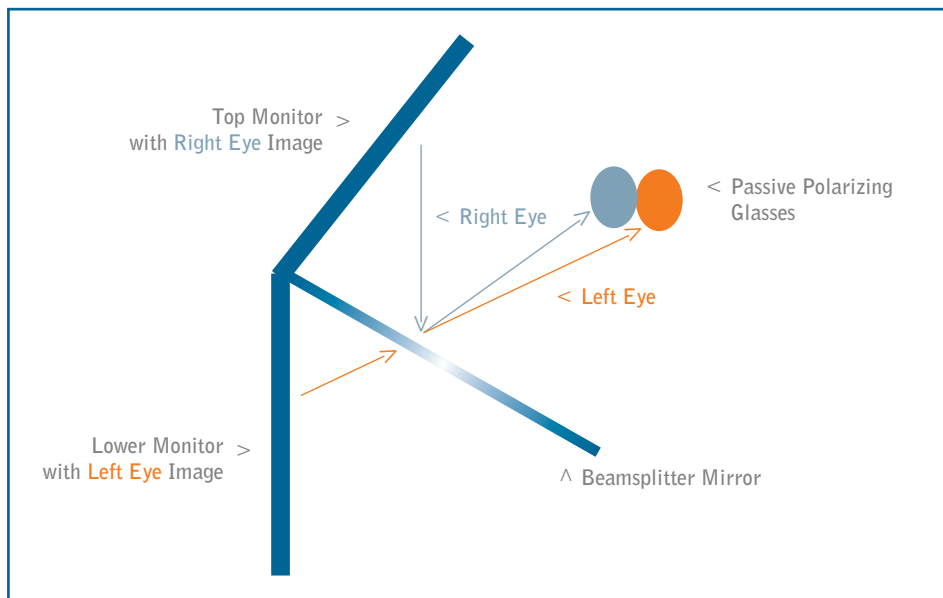
- Geospatial & photogrammetry
- Medical imaging
- Geowall
- Molecular modeling
- Data visualization
- Oil & gas exploration

www.planar.com/StereoMirror



SPECIFICATIONS	SD1710	SD2020	SD2320W
Planar Part Number	997-2881-01	997-3004-01	997-3191-01
Pixel Format	SXGA	UXGA	WUXGA
Resolution	1280x1024	1600x1200	1920x1200
Megapixel Count	1.3	1.9	2.3
Pixel Pitch	0.264 mm (96 LPI)	0.256 mm (100 LPI)	0.258 mm (99 LPI)
Screen Diagonal	17.0 in	20.1 in	23.1 in
Colors	16 M	16 M	16 M
Stereo Luminance	70 cd/m ² (through glasses)	150 cd/m ² (through glasses)	150 cd/m ² (through glasses)
Response Time	8 ms (2 ms rise, 6 ms fall)	16 ms (11 ms rise, 5 ms fall)	12 ms (3 ms rise, 9 ms fall)
Refresh Rate, Hz	56 to 75	49 to 75	60
Interface	24-pin DVI	24-pin DVI	24-pin DVI, S-Video, Composite
Dimensions (WxHxD)	18.7" x 19.5" x 23.3" (475 mm x 495 mm x 592 mm)	23.1" x 20.4" x 25.5" (588 mm x 519 mm x 648 mm)	23.1" x 21.2" x 26.9" (588 mm x 538 mm x 682 mm)
System Weight	33 lbs. (15 kg)	47 lbs. (21 kg)	54 lbs. (24 kg)

How does the StereoMirror work?



The left eye polarized lens of the glasses blocks light from the top monitor while light from the lower monitor is blocked by the right eye lens.