

Planar's SD Stereoscopic LCD Monitors



The Next Generation of Stereoscopic Displays

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. Only Planar StereoMirror monitors deliver the full resolution to both eyes for stunning stereo imaging.

Planar's SD line is available in four sizes:

- 17" with SXGA (1280x1024) resolution
- 20" with UXGA (1600x1200) resolution
- 24" wide-format with WUXGA (1920x1200) resolution
- 26" wide-format with WUXGA (1920x1200) resolution

FEATURES and BENEFITS:

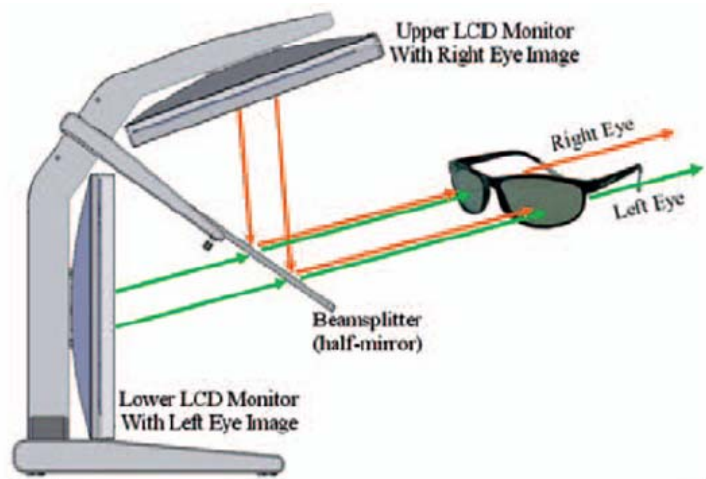
- Multiple resolutions and sizes
- Full-resolution stereo viewing
- Flicker-free, high-contrast imaging
- Viewable in typical office lighting
- Multi-user, wide-angle viewing
- Compatible with several off-the-shelf graphics cards
- Plug-and-play with OpenGL and DirectX applications that support stereo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

APPLICATIONS:

- Geospatial & photogrammetry
- Medical imaging
- Geowall
- Molecular modeling
- Data visualization
- Oil & gas exploration
- Mechanical design
- PC video gaming
- Simulation training

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.





STEREOSCOPIC DISPLAYS



SPECIFICATIONS	SD1710	SD2020	SD2420W	SD2620W
Planar Part Number	997-2881-02	997-3004-01	997-4253-00LF	977-4220-00LF
Pixel Format	SXGA	UXGA	WUXGA	WUXGA
Resolution	1280x1024	1600x1200	1920x1200	1920x1200
Megapixel Count	1.3	1.9	2.3	2.3
Pixel Pitch	0.264 mm (96 LPI)	0.255 mm (100 LPI)	0.280 mm (94 LPI)	0.2865 mm (89 LPI)
Screen Diagonal	17.0 in	20.1 in	24.1 in	25.5 in
Colors	16 M	16 M	16 M	16 M
Stereo Luminance	70 cd/m2 (through glasses)	150 cd/m2 (through glasses)	220 cd/m2 (through glasses)	240 cd/m2 (through glasses)
Response Time	8 ms (2 ms rise, 6 ms fall)	25 ms (15 ms rise, 10 ms fall)	16 ms (4 ms rise, 12 ms fall)	12 ms (5.5 ms rise, 6.5 ms fall)
Refresh Rate, Hz	56 to 75	49 to 75	60	60
Interface	24-pin DVI, Analog VGA	24-pin DVI, Analog VGA	24-pin DVI, Analog VGA	24-pin DVI, Analog VGA
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 23.3" x 28.4" (588 mm x 593 mm x 722 mm)	23.5" x 24.7" x 29.7" (596 mm x 628 mm x 754 mm)
System Weight	33 lbs. (15 kg)	47 lbs. (21 kg)	55 lbs. (25 kg)	60 lbs. (27 kg)