

## INTRODUCING THE NEXT GENERATION OF STEREOSCOPIC DISPLAYS

### Planar's SD Stereo Display Line of Stereo Monitors



StereoMirror™ monitors use the latest high resolution LCD monitor technology.

#### FEATURES:

- 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

Find out everything that can be  
accomplished with a truly  
versatile stereoscopic display.

- 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. StereoMirror technology delivers stunning images for use in applications such as: satellite/aerial photogrammetry; medical imaging<sup>1</sup>; computational chemistry; complex modeling visualization and computer gaming.

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.

StereoMirror technology enables an unprecedented level of stereo viewing comfort. Flicker-free operation allows extended stereo use with no discomfort. There is no restrictive "sweet spot" for viewing stereo images and there is no need to work in a dimly-lit environment. The monitor provides sufficient brightness to be used in any office's ambient light.

Planar's SD monitors are addressed using several existing stereo modes in Windows, DirectX or OpenGL applications and with a number of commercially available graphics cards. Left eye/ right eye information is presented to the correct monitor directly via a DVI interface with no user-supplied hardware or processing. Using the output from the appropriate graphics card, the Planar SD line of monitors includes all the hardware you need to view stereo.



# PLANAR STEREOSCOPIC DISPLAYS



	<b>SD1710</b>	<b>SD2020</b>	<b>SD2320W</b>
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, mm (LPI)	0.264 (96)	0.256 (100)	0.258 (99)
Screen Diagonal, inches	17.0	20.1	23.1
Colors	16M	16M	16M
Stereo Luminance	70 cd/m <sup>2</sup> (through glasses)	150 cd/m <sup>2</sup> (through glasses)	150 cd/m <sup>2</sup> (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 (W x H x D)	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)

<sup>1</sup> Monitors are not currently 510(k) approved.

## CORPORATE HEADQUARTERS

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