

# REALD



## Avoid the Competitive Gridlock



### MAP OUT THE FAST TRACK TO SUCCESS

Take graphical visualization to new heights with the *Monitor ZScreen® 2000 Series*. Designed for engineers, scientists, cartographers and medical professionals for viewing complex 3D computer graphics models, Monitor ZScreen 2000 and 2000*i* use Stereo3D™ technology to provide the most realistic representation possible. The Monitor ZScreen 2000 Series is ideal for GIS/mapping, molecular modeling and medical applications, particularly for dual monitor systems and small group visualization. Lighter, faster, and with a large viewing area, the Monitor ZScreen 2000 Series is the most versatile Stereo 3D imaging solution available.

### Product Overview

Monitor ZScreen 2000/2000*i* is a stereoscopic visualization system comprising a stereoscopic viewing panel and polarized eyewear. The panel is affixed to a standard computer monitor to deliver Stereo3D visualization capabilities. In conjunction with stereo-ready software on a stereo-ready workstation, Monitor ZScreen 2000 Series circularly polarizes the left and right eye images in opposing directions. Viewers wearing the polarized eyewear see a Stereo3D image on the display.

The Monitor ZScreen 2000 Series offers cost-effective S3D visualization solutions for GIS/mapping, molecular modeling and medical applications. Both models have a larger viewing area and improved anti-reflective coating while providing significantly faster start-up time.

- Monitor ZScreen 2000*i* is the most advanced model in the series and comes with a 3-year warranty. It offers the most streamlined design by featuring a modulator controller that is integrated into the shroud for reduced cabling and a smaller footprint.
- Monitor ZScreen 2000 incorporates all the technological advances of the 2000*i*, yet uses a separate modulator controller.

MONITOR

SCREEN®  
2000 Series



STEREOGRAPHICS



Monitor ZScreen

## Key Benefits

- Offers high-resolution Stereo3D visualization enabling productivity and improved accuracy
- Employs lightweight, polarized eyewear which can be worn for extended periods without fatigue
- This passive eyewear eliminates interference from florescent lighting and allows for viewing of non-stereo monitors without scrolling
- Provides cost-effective stereoscopic viewing for small-group collaboration

## Features

**Bezel-Mounted Shroud** – The new Monitor ZScreen 2000 Series incorporates a light-weight bezel-mounted shroud that wraps around workstation displays

**Wider Field of View** – The new Monitor ZScreen 2000 Series offers larger viewing area without an increase in overall size

**Improved Speed and Efficiency** – The new Monitor ZScreen 2000 Series offers faster start-up and instant response to stereo signals

**No Visible Screen Segmentation** – Yields a clean, artifact-free view

**Excellent Separation of Stereo Images** – Yield crisp, high-definition stereoscopic images with no unwanted artifacts, delivering a typical dynamic range in excess of 25:1

**Ideal for Multiple Display Environments** – Because the Monitor ZScreen 2000 Series utilizes passive eyewear, the negative effects normally experiences utilizing multiple displays and eliminated

**Employs Lightweight Polarized Eyewear** – Includes three pairs of polarized eyewear – two regular and one clip-on

**Extensive System Compatibility** – The Monitor ZScreen 2000 Series is compatible with all UNIX including those from SGI and Sun Microsystems) and Windows NT workstations as well as LINUX systems\*. Compatible with most 19", 20" and 21" CRT monitors at 120hz

**Compatible with All Stereo3D Applications** – Gives universal stereo-ready application compatibility and supports over 60 profession software applications for GIS/mapping, molecular modeling, medical imaging, mechanical CAD, product simulation, industrial VR and more

**Stereo3D** is the use of technology to recreate the way we naturally see depth: stereoscopically. Stereoscopic viewing describes how we use both eyes – each with a slightly different perspective – to perceive depth in a physical environment

\*Requires stereo-ready graphics card and driver

*Specifications subject to change without notice. Stereo3D is a trademark and Monitor ZScreen, StereoGraphics logo are registered trademarks of StereoGraphics Corporation. All other brand and product names are registered trademarks of their respective owners. ©Copyright 2000 StereoGraphics Corporation. All rights reserved.*

## Specifications

Light transmission 29% (including eyewear)  
 Field Rate 40Hz to 200Hz  
 Viewing Area 15 3/4" W x 12" H

### Dimensions

Monitor ZScreen 2000i: 20 1/8" W x 18" H x 4 1/4" D  
 Monitor ZScreen 2000: 20 1/8" W x 17 1/4" H x 4 1/4" D

### Weight

Monitor ZScreen 2000i: 4.2 lbs. (without cables)  
 Monitor ZScreen 2000: 4.0 lbs (without controller)

### Frame Material

Extruded box section aluminum  
 in plastic bezel

Operating Temperature 0°C + 70°C

Storage Temperature -50°C to + 125°C

Power Supply 18 VAC, 2VA, external



**STEREOGRAPHICS**

A RealD Scientific Company  
 5335 Sterling Drive  
 Boulder, CO 80301  
 P: (800) 783-2660  
 Fax: (303) 448-9573

Email: [stereographics-sales@reald.com](mailto:stereographics-sales@reald.com)

[www.reald-corporate.com/scientific](http://www.reald-corporate.com/scientific)

MONITOR

SCREEN®

2000 Series