REALD

Stereo3D™ Visualization

GENERAL DESCRIPTION

Bring hidden obstacles to the surface with this poweful solution for engineers, scientists, cartographers and GIS professionals who develop, view and manipulate complex 3D computer graphics models. *CrystalEyes®3* utilizes Stereo3D™ technology to provide superior visulization capabilities. The advantages are crystal clear - *CrystalEyes 3* saves time and money through imporved accuracy, enhanced designe review, reduced design cycles and faster time -to-market. Why settle for limited visibility?

Product Overview

CrystalEyes 3 is a lightweight, wireless set of liquid crystal shutter eyewear, designed for Stereo3D imaging in engineering and scientific applications. The product delivers high- definition, stereoscopic 3D images on all major PC and workstation platforms in conjunction with stereo-enabled software and graphics subsystems. *CrystalEyes 3* is activated by infrared signals transmitted by an emitter connected to the user's workstation.

Principal Improvements

- New battery Indicator
- Enhanced Sync Circuitry
- Extended Warranty Period
- Increased Battery Life
- Improved Durability
- Better Fit

Key Benefits

- Enables earlier detection of design errors by allowing more accurate visualization of complex 3D images
- Enhances design review and reduces project design cycles
- Accelerates time-to-market

STEREOGRAPHICS®

Performance

- Highest quality with best contrast ratio in the industry = Best image quality
- EXXR = Most powerful in the industry
- Longest warranty in the industry

Features

Battery Indicator Light - Alerts user to replace batteries

Comfort - Multiple fit options provide greater comfort and accommodate a wide array of users. 3.3 oz. (93 grams): as comfortable as a pair of eyeglasses!

Increased Warranty Term - CrystalEyes 3 now carries a 3-year warranty

*Easy Installation - Emitter installation requires a simple cable connection

Image Quality - CrystalEyes 3 delivers a typical contrast ration of 1500:1 ensuring a realistic, high-resolution, ghost-free color image

Multi-User Capability - An infrared emitter synchronizes CrystalEyes 3 eyewear with the stereoscopic image supports any number of users with complete freedom of movement!

Video Compatibility - View stereo video images on stereo-ready color displays in real-time such as the REAL D PRO DLP® System!

Extensive System Compatibility - CrystalEyes 3 is compatible with all Power Mac G5 and UNIX workstations including those from Silicon Graphics Inc., Sun Microsystems and PC workstations

**Broad Software Support - Nearly every major solid modeling/prototyping, molecular modeling, industrial VR and GIS software application supports CrystalEyes 3

Stereo 3D is the use of technology to re-create 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.

Specifications

CrystalEyes3

Weight	3.3 oz (93 grams)
Shutters	Liquid Crystal
Field Rate	From 80 to 160 fields per second
Transmittance	32% typical
Contrast Ratio	1500:1 typical
Batterly Life	>500 hours (continuous usuage)
Battery Type	Two 3V lithium/manganese dioxide

Emitters

Select one of the following (purchased separately)

E2 Standard Emitter
Range	12 feet

ELR 2 Long Range Emitter
Range	20 feet

EXXR Large Venue Emitter
Range	70 feet

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*Requires stereo-ready graphics card and driver. View list of supported hardware on our web site.
**Windows Vista is not supported at this time.