VisuaStim Digital combines crystal clear, high resolution digital video with high-quality digital sound to deliver unsurpassed realism. Developed in consultation with world-renowned research and educational facilities, it meets the most stringent research requirements.

**A New World of Possibilities**

Dual-display stereoscopic video yields 3D images, which deliver visual paradigms that appear to emerge from the screen. With industry-leading 500,000 pixels per 0.25 square inch area, even small text delivered right from a PC is crystal clear.

See the future of patient comfort for the MRI environment with Resonance Technology today.

**VisuaStim Digital Features Include:**

- All digital dual-display video with 1.3 megapixel resolution in a 0.25 square area
- 30 degree horizontal field of view
- MRI LaserLink technology with all-digital audio and video relay from the console to the MRI headset
- Optional eyetrackers technology and recording software
- Dual video display 3D capability
- Rated for 0.2 to 4.7T field strength magnets
- Digital audio system with 30dB noise-attenuating headset with 500Hz to 10kHz frequency response
- Head mounted display operates perfectly inside all standard headcoils with no effect on S/N or interruption by the magnetic field

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VisuaStim

New Era in Brain Research!

Ultra-Sleek and Comfortable
VisuaStim’s audio headset and video visor fit comfortably in the coil and on the patient.

VisuaStim SXGA Visor
Presenting the next generation of fMRI technology. This latest innovation to the VisuaStim System Visor has the capability to put more visual controls into the technologist’s hand.

State-of-the-art Controller
A state-of-the-art interface for paradigm delivery, connecting to the eye-tracker module, and for event related experiments with two separate VGA signals and more.

Features and Specifications:
- Digital brightness control
- Resolution 1280 x 1024
- Refresh rates up to 85Hz
- SXGA image with gamma and temperature compensation
- Display Contrast ratio: 10,000:1
- Gray level: 256 per primary color
- Video pattern generator
- Solid color generator
- 40 degrees field of view
- 3D Compatible

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