



EIZO Unveils 4 Megapixel Widescreen Color Monitor for Medical Imaging

RadiForce® RS410 offers 30" screen size and high resolution display

Chicago, Illinois, USA, November 24, 2006 – Eizo Nanao Corporation (“EIZO”) today introduced the largest monitor yet in its RadiForce series, the 30-inch RadiForce RS410. The



screen size and native resolution of 4 megapixels (2560 × 1600) for a 16:10 widescreen format give this monitor the same amount of screen size and number of pixels as two 2 megapixel monitors in portrait mode but without the obtrusive bezels. This simplifies comparing images or allows for showing more information – for example 12 computed tomography slices with an information volume of 512 × 512 pixels each.

EIZO’s Digital Uniformity Equalizer (DUE) function offers stable, consistent brightness from corner to corner ensures that the image will look the same regardless of where it is shown on the screen. Brightness uniformity is necessary to meet monitor quality control standards as established in AAPM, DIN, and JESRA.

A dual link input function achieves a clock frequency of 60 Hz. This enables frame synchronization between the computer and the monitor, which reproduces a smooth moving picture without any dropping of frames. This is particularly important to achieve uninterrupted 3D image rendering. A picture-by-picture function splits the screen into two sides of 2 megapixels each and displays output from two separate PCs.

A CAL Switch function with various calibration modes for different modalities such as CR, CT, and endoscopy is included. Switching between modes can be done by pressing a button on the front bezel, or by using the bundled ScreenManager Pro for Medical software to assign a mode to a specific application so that when the application is opened, it automatically displays images in the assigned mode.

ScreenManager Pro for Medical includes additional functions such as Independent Image Setting (IIS) and backlight saver. IIS allows for any specific area of an image to be adjusted and pre-set to various grayscale gradations and luminance levels. The backlight saver function turns the monitor’s secondary power off when a screensaver is activated and then turns it back on again when the screen comes out of screensaver mode for reduced power consumption of the monitor during prolonged usage.

For customer assurance, all models comply with stringent medical, safety, and EMC emissions standards including TÜV/GM, the CE Medical Device Directive and cTÜVus. In addition, EIZO’s quality management system for medical devices is ISO 13485 certified.



The RadiForce RS410 is compatible with EIZO's Clip-On Swing Sensor¹ G1 for precise remote calibration and image consistency operations. Attaching to the upper bezel, the Clip-On Swing Sensor G1 does not interfere with the viewing area of the screen and conveniently appears only when remote quality control operations are being performed. With this sensor and EIZO's quality control software RadiNET™ Pro and RadiCS™ (sold separately), quality control technicians will be able to remotely calibrate to the DICOM Part 14 standard and set extremely precise values for gamma, brightness, and grayscale gradations.

For customer assurance, the RadiForce RS410 is backed by a three-year limited warranty.²

To ensure high performance and smooth 3D rendering on the RadiForce RS410, EIZO offers the ATI FireGL V7350. This PCI-Express graphics board has a frame buffer memory of one gigabyte and has dual DVI-D output terminals.

Worldwide availability of the RadiForce RS410 is scheduled for April of 2007. Visitors to the EIZO booth at RSNA (Radiological Society of North America) 2006 in Chicago, Illinois, USA can have a first look at the RS410. RSNA runs from November 26 – 30, and EIZO will be located in the North building, Hall B, Section 2, Booth 6747.

About EIZO

Eizo Nanao Corporation is a leading global manufacturer of high-end visual display products with a wide range of LCD monitor systems. The image quality, long-term reliability, and innovative features of EIZO monitors make them the products of choice in many financial trading rooms, hospitals, back offices, and design studios throughout the world. EIZO is based in Japan and represented in more than fifty countries by a network of exclusive distributors.

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¹ Compatible with RadiCS and RadiNET Pro version 2.5.0 or later.

² The product shall be free from defects in material and workmanship for a period of three (3) years, but subject to the usage time being 10,000 hours from the date of purchase.