



## **EIZO Adds Four Monochrome Monitors to RadiForce Series** *2 and 3 megapixel monitors for diagnostic imaging backed by 5-year warranty*

Chicago, Illinois, USA, November 24, 2006 – Eizo Nanao Corporation (“EIZO”) introduced four new models to its RadiForce series of medical monitor solutions, the 3 megapixel GX320 and GS320 and the 2 megapixel GX220 and GS220. They are designed for diagnosis in medical imaging applications including PACS, chest radiology, CT (computed tomography), and MRI (magnetic resonance imaging).



These models will be the first in the RadiForce series to come with a five-year warranty<sup>1</sup>. With its own research and development and manufacturing facilities, EIZO is able to stand behind the quality and workmanship with this long term warranty. This should reduce total cost of operation and provide extra assurance to hospitals that they will get stable, consistent performance for years to come.

The typical brightness and contrast ratio of all models is 1000 cd/m<sup>2</sup> and 850:1 respectively. They offer smooth display of grayscale tones through simultaneous display of 10-bits (1,024 tones) from a 13-bit look-up table (8,161 tones).

All models come with the same performance features except for a built-in swing sensor<sup>2</sup> and an anti-reflective panel protector also built into the GX320 and GX220 only. This swing sensor appears from under the top bezel when remote quality control operations such as calibration are being performed. For the other two models, the same operations can be performed with EIZO’s optional Clip-On Swing Sensor G1. Use of either sensor with EIZO’s quality control software RadiNET™ Pro and RadiCS™ (sold separately) allows for remote calibration to the DICOM Part 14 standard and setting of precise values for gamma, brightness, and grayscale gradations.

To meet monitor quality control standards as established in AAPM, DIN, and JESRA, EIZO’s includes its Digital Uniformity Equalizer (DUE) function. Due to unique characteristics of the backlight and liquid crystals, the luminance of LCD monitors is uneven across the screen. To compensate, the luminance level of each monitor is measured at EIZO’s factories in Japan and then DUE adjusts the luminance according to the measured data.

A CAL Switch function with various calibration modes for different modalities such as CR, DSA, and MRI is also 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.

EIZO now offers ATI FireGL and FireMV series graphics boards for these and other RadiForce monitors. These PCI-Express boards contain twin DVI-D outputs.

Worldwide availability of all four models is scheduled for quarter one 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 these products. 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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<sup>1</sup> *The 5-year limited warranty covers the LCD panel and backlight, but the usage time is limited to 40,000 hours or less from the date of purchase.*

<sup>2</sup> *Compatible with RadiCS and RadiNE™ Pro 2.5.0 or later versions.*