



EIZO Introduces 8 Megapixel Monitor Solutions for Flexible Medical Imaging

Karlsruhe, Germany, November 27, 2008 – EIZO GmbH, Display Technologies today announced the release of two 8 megapixel color LCD monitor solutions for medical imaging, the RadiForce LS560W and the RadiForce LX560W.



The RadiForce LS560W is a large widescreen monitor with a 3840 × 2160 native resolution and 56-inch screen and is ideal suited for vascular applications. The RadiForce LX560W is a digital video distribution system which bundles the RadiForce LS560W with EIZO's new LMM 56800, a "Large Monitor Manager." The LMM 56800 collects input signals from up to 27 different video sources, arranges this information according to customer demands, and then transmits this new combined picture to the 8 MP monitor.

The RadiForce LS560W has a contrast ratio of 1200:1, brightness of 450 cd/m², and horizontal and vertical viewing angles of 176°. The large viewing area and resolution are approximately equal to that of six 1.3 megapixel (1280 × 1024) monitors without the distracting bezels.

The 8 MP monitor offers fully automated brightness stability through EIZO's ISS (Internal Stability System). A luminance uniformity correction function provides homogeneous brightness from one corner of the screen to the other. A smart integrated lookup and calibration feature saves time via five integrated and calibratable look-up tables which quickly and easily tailor the monitor to the application needs.

With the RadiForce LX560W, placement and size of the source windows on the monitor are easily arranged using the LMM 56800. Furthermore, the LMM 56800 facilitates creating different sets of window layouts according to special application needs. The flexibility in arranging and changing the size of the windows optimizes the workflow of surgeons. Important pictures can be scaled to the desired size and less important information can be moved out from visible area. Different workflow scenarios can be predefined and recalled on demand.

The RadiForce LX560W comes with a programmable software interface it can be controlled by customer applications. A service interface provides diagnostic and status information. Security features such as redundancy and cyclic life check of major system components, together with a fast signal processing speed of less than 16 ms per channel, are also included for further functionality.

For customer assurance, all components in patient vicinity comply with stringent medical, safety, and EMC emission standards. In addition, EIZO's quality management system for medical devices is ISO 13485 certified.

Optional Accessories

- The SDL 3502 dual DVI transmission link transmits data up to 36 meters between the LMM



56800 and the monitor without any signal degradation.

- Analog to digital converter box to connect to customer specific video timings.
- Various cables and adapters allow connecting to existing sources.

Availability

Mass production of the RadiForce LX560W and LS560W is scheduled for quarter two of 2009. Availability varies by country so please contact the EIZO subsidiary or distributor in your country for details.

About EIZO GmbH

Based in Karlsruhe, Germany, EIZO GmbH, Display Technologies is a leading manufacturer of monitor products for medical imaging applications. The company's lineup includes color and grayscale monitors from 1 to 5 megapixels, calibration tools, and graphics boards. EIZO GmbH is a subsidiary of Eizo Nanao Corporation, a leading global manufacturer of high-end display monitors for medical, graphics, financial, air traffic control and other markets.

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