



## EIZO to Unveil ColorEdge® CG301W 30" Widescreen Monitor with Hardware Calibration at IGAS 2007

Hakusan, Ishikawa, September 18, 2007 – Eizo Nanao Corporation (TSE: 6737) today announced it will unveil the ColorEdge CG301W, a 30-inch monitor for its ColorEdge series of



color calibration LCD monitors, at IGAS (International Graphic Arts Show) 2007 to be held in Tokyo, Japan from September 21-27. With several high-end features such as a wide color gamut, 12-bit hardware calibration, and picture-by-picture, the ColorEdge CG301W is ideal for a wide range of professional graphics applications such as digital photography and soft proofing.

The ColorEdge CG301W employs a wide gamut LCD panel that is 100% vs. NTSC and reproduces 97% of the Adobe RGB color space. This wide gamut is essential for soft proofing because Adobe RGB encompasses color spaces used in printing such as ISO-coated and US Web-coated.

EIZO calibrates each unit of the ColorEdge CG301W at its factory in Japan by measuring every tone from 0 – 255 to produce a gamma curve of 2.2. Furthermore, for reliable color output on the customer side, the CG301W offers hardware calibration. Thus, the monitor itself is calibrated rather than the computer's graphics board as is the case with software calibration. This ensures no color tones are lost in the calibration process.

EIZO's ColorNavigator calibration software is bundled with the CG301W and allows for setting the values for brightness, white point, and gamma. ColorNavigator works with a measurement device to directly utilize the monitor's 12-bit look-up table for hardware calibration in less than five minutes. When calibration is complete the settings can be saved as an ICC profile. Supported calibration devices are Eye-One, DTP94, DTP94B, and MonacoOPTIX, all from X-Rite.

ColorNavigator can also be used to emulate a color space or color characteristics of another monitor. This means the CG301W can accurately reproduce how color is displayed in the narrower sRGB color space which is often used for taking photographs or color matching with other devices whereas other wide gamut monitors usually cannot.

The native resolution is 2560 × 1600 (16:10 aspect ratio). Dual DVI-D inputs are included for connecting to two PCs. A picture-by-picture function divides the screen into two equal halves, essentially offering two 1200 × 1600 monitors with no center bezel. Input from two different computers such as a Windows and a Macintosh can be displayed which makes it possible to work on two tasks simultaneously without having to toggle back and forth. One input supports dual link for displaying images up to the monitor's native resolution of 2560 × 1600, and the other input is single link for images up to 1920 × 1200. The single link input supports high bandwidth digital content protection (HDCP) for viewing of content from HDCP-equipped devices.



The ColorEdge CG301W comes equipped with EIZO's latest ASIC (Application Specific Integrated Circuit). The ASIC has a 12-bit look-up table with a total color palette of 68.1 billion colors from which the most appropriate 16.7 million are selected. It also features 16-bit internal processing for smooth display of grayscale tones, which brings out details, especially in dark areas of an image. Furthermore, the ASIC includes a Digital Uniformity Equalizer function that corrects the brightness and chroma uniformity errors that are characteristic of LCD panels and cause an object to appear brighter and more saturated in the center of the screen than along the edges.

#### **Additional Features**

- 250 cd/m<sup>2</sup> brightness, 850:1<sup>1</sup> contrast ratio, 178° horizontal/vertical viewing angles.
- 6 ms midtone response for smooth playback of moving images.
- 118 mm height adjustment, 40° tilt, 70° swivel, and 90° pivot for portrait mode.
- Scaling function for viewing resolutions less than the native resolution in full screen mode. The image can then be smoothed or sharpened in five increments.
- Backlight sensor to stabilize brightness fluctuations within minutes of startup or coming out of power save mode.
- USB 2.0 hub with one upstream and two downstream ports.
- Five-year warranty<sup>2</sup>.

#### **Availability**

Mass production is scheduled for December of this year. Please contact the EIZO subsidiary or distributor in your country for information about availability and pricing. Visitors to the International Graphic Arts Show (IGAS) 2007 to be held in Tokyo, Japan from September 21-27 can have a first look at the ColorEdge CG301W. EIZO will be located in booth E536.

#### **About EIZO**

Eizo Nanao Corporation is a leading global manufacturer of high-end visual display products with a wide range of LCD monitors. 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 over fifty countries by a network of exclusive distributors.

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<sup>1</sup> The figures for brightness and contrast ratio are subject to change before mass production.

<sup>2</sup> The usage time is limited to 30,000 hours or less, and the warranty period of the LCD panel and backlight is limited to three years from the date of purchase

*Specifications are temporary and subject to change before mass production.*

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