



EIZO to Introduce ColorEdge® CE Line at IPEX 2006

New models offer hardware calibration in widescreen format

Hakusan, Ishikawa, March 27, 2006 – Eizo Nanao Corporation (“EIZO”) today announced that it will unveil the CE (Creator Edition) line, a new addition to its ColorEdge series of color calibration LCD monitors, at IPEX 2006 to be held in Birmingham, England from April 4 - 11.



The first two models in the CE line will be the 24.1-inch ColorEdge CE240W and the 21.1-inch ColorEdge CE210W.

The CE line joins the current CG (Color Graphics) line in EIZO’s ColorEdge series. The CG line is targeted at professionals requiring the optimum color accuracy and extensive calibration control while the CE line is targeted at professionals looking for basic 10-bit hardware calibration capabilities in the widescreen format. The CE line will offer an 8 ms midtone response time so it will also be ideal for with moving image applications such as video editing and 3D CAD.

The availability of 10-bit hardware calibration in the increasingly popular widescreen format gives creative professionals in graphic arts, printing, video editing, digital photography, and other fields a long-awaited alternative to the software calibration products on the market. With the ColorEdge CE line, the monitors themselves are 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 and results in more accurate on-screen color.

To ensure optimum colors straight out of the box, EIZO calibrates each unit of the ColorEdge CE240W and CE210W at its factory in Japan. EIZO measures every color tone from 0 – 255 to produce a gamma curve of 2.2 and includes an adjustment certificate in the packaging to verify the results.

For simple and accurate calibration, EIZO developed its own software for these models – ColorNavigator CE. The user need only set the target values for brightness, white point, and gamma. ColorNavigator CE works with a measurement device to directly utilize the monitor’s 10-bit look-up table for accurate calibration in less than five minutes. When calibration is complete the settings can be saved as an ICC profile. The software also offers black level settings (digital signal only) and measurement of ambient light. Supported calibration devices include GretagMacbeth Eye-One, X-Rite MonacoOPTIX, and ColorVision Spyder 2.

The widescreen format produces a 1920 × 1200 native resolution for the CE240W and 1680 × 1050 for the CE210W. This 16:10 aspect ratio provides significantly more horizontal space than the 4:3 aspect ratios of conventional monitors. The screen is wide enough so that two pages can be opened and tool palettes placed on the perimeter of the screen with no resulting overlap.

A powerful EIZO-developed ASIC (application specific integrated circuit) with 14-bit color



processing capability is incorporated for smooth grayscale rendering. The result is a greater degree of detail, especially in dark areas of an image.

The design incorporates several features for convenience and ease of use. EIZO's ArcSwing 2 stand offers curved range of movement to allow the screen to be positioned up high near eye level or lowered at an angle akin to reading a book for a more natural viewing posture. The base swivels 172° so the screen can be shown to anyone sitting nearby, or for convenient access to the various hubs and ports located on the side or backside of the monitor without having to stand or lean over to reach them. Electrostatic control switches make for a smooth front panel and are touch sensitive for reliable operation. Connectivity options include dual DVI-I inputs which support both digital and analog signals from Windows and Macintosh PCs and a USB 2.0 hub.

Additional Features

- Compliance with TCO'03 (white/silver cabinet only; black cabinet is TCO'99 compliant).
- LCD TV-equivalent brightness of 450 cd/m² and contrast ratio of 1000:1.
- 178° horizontal and vertical viewing angles.
- Industry-leading five-year warranty¹.

Availability

The ColorEdge CE240W and CE210W are now shipping and will be available beginning in May. The cabinet is available in a white/silver combination or black. Visitors to IPEX 2006 at the NEC in Birmingham, UK from April 4 – 11 can get a first look at both models in hall 1 stand D15.

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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* 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. This warranty is valid in every country and territory where EIZO authorized distributors are located.

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