



EIZO to Introduce ColorEdge CG221 LCD Monitor at IPEX 2006

22.2-inch widescreen monitor has color gamut approximately equal to Adobe RGB color space and offers brightness and color uniformity across the screen

Hakusan, Japan, March 27, 2006 – Eizo Nanao Corporation (“EIZO”) today announced that it will introduce the ColorEdge CG221, the new flagship model of its ColorEdge series of LCD monitors for graphic arts, printing, digital photography, and other color-critical applications at IPEX 2006 to be held in Birmingham, England from April 4 – 11. The ColorEdge CG221



features a wide color gamut approximately equal to the Adobe RGB color space and a new color and brightness uniformity compensation function.

The ColorEdge CG221 succeeds the ColorEdge CG220 which was the first LCD monitor in the industry with a color gamut that could reproduce nearly 100% of the Adobe RGB color space. In

addition to having the same wide color gamut, the ColorEdge CG221 is equipped with EIZO’s latest application specific integrated circuit (ASIC) which now provides uniform color and brightness across the entire screen. The ASIC includes a 12-bit look-up table that has a palette of 4,096 grayscales and outputs the most appropriate 256 grayscale tones (8-bits) for each red, green, and blue, and 16-bit internal color processing. By achieving uniform display of brightness and color from corner to corner, the CG221 overcomes a problem characteristic of LCD monitors.

The 16-bit internal processing gives the CG221 a remarkably accurate color emulation function. Simply by obtaining the ICC profile of another monitor and using EIZO’s ColorNavigator software the CG221 can emulate its color characteristics. This is particularly useful when another monitor is the standard monitor in a workflow or for a remote proofing environment where all parties need to be sure their monitors display colors in the same way.

The wide color gamut produces substantially more colors than are available with most CRT and LCD monitors on the market. It covers not only the sRGB color space supported by many monitors and digital cameras, but also the ISO-coated, Euroscale coated, and US Web coated color spaces used in printing. This allows for a common color space to be employed in all steps of the color management workflow from photography to printing, which shortens production time and reduces costs.

The 22.2-inch screen has a 1920 × 1200 native resolution and 16:10 aspect ratio. This wide screen enables the full display of two A4 pages of an application like Adobe Photoshop and its tool palette without any overlap.

The 12-bit look-up table of the ColorEdge CG221 can be calibrated using the bundled ColorNavigator software and a GretagMacbeth Eye-One, X-Rite MonacoOPTIX, or ColorVision Spyder2 calibration devices¹ (sold separately) ColorNavigator has a user-friendly interface simple and calibration takes less than five minutes. It includes the following features:



- Setting of brightness, white point (color temperature), and gamma values. White point is adjustable in 100K increments from 4,000K to 10,000K and gamma in increments of 0.1 from 1.0 to 2.6.
- Black level adjustment to reproduce the light black used in the text for newspapers. The setting range is from 0.5 to 3.5 cd/m².
- Post-calibration adjustment of white balance, brightness, black level, and gamma for further fine-tuning of color.
- Delta-E indicator for white point that shows changes over time between the target point and the monitor's current point.

A monitor hood comes bundled with the CG221 to help shield the screen from ambient light. The convenient sliding top cover allows a calibration device to be placed on the screen without having to remove the hood.

As with all ColorEdge monitors the CG221 is backed by a five-year warranty².

Availability

The CG221 will be available through EIZO's network of distributors beginning in July. Visitors to IPEX 2006 can have a first look at the ColorEdge CG221 in EIZO's booth at IPEX 2006 from April 4 – 11. EIZO will be located in Hall 1 Booth 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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¹ For optimum calibration results a GretagMacbeth Eye-One spectrophotometer is recommended.

²The usage time is limited to 30,000 hours or less, and the warranty period of the LCD panel is limited to three years from the date of purchase. The warranty period of the backlight is limited to three years from the date of purchase or 10,000 hours at a brightness of 100 cd/m² or less and a color temperature of 5,000 K – 6,500 K, whichever comes first.

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

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