



## EIZO Introduces ColorEdge CG19 LCD Monitor for Graphic Arts and Printing

Matto, Japan, July 20, 2004 – Eizo Nanao Corporation (“EIZO”) today announced the release of the ColorEdge CG19 to its ColorEdge series of LCD monitors for professionals in DTP, pre-press, digital photography, and graphics. Featuring hardware calibration for accurate and consistent color



rendition, the 19-inch ColorEdge CG19 offers a space-saving alternative to CRT monitors for color critical work. EIZO is also pleased to announce the release of the ColorEdge CX1 calibration sensor, which delivers accurate and reliable calibration and is compatible with all models in the ColorEdge series.

“The ColorEdge CG19 provides a complete combination of software and hardware performance to give graphics and printing professionals a highly reliable monitor for color management,” said Kunihiro Arata, general manager of Eizo Nanao Corporation’s Overseas Sales & Marketing Department. “Many other desirable features such as a thin bezel design and a five year warranty make it very appealing to make the switch from CRT monitors.”

To ensure consistent color display for each ColorEdge CG19 unit, EIZO adjusts the gamma level at the factory for every ColorEdge CG19 unit to a value of 2.2. This is done by using the monitor’s 10-bit look-up table (LUT) with its palette of 1,021 tones, to select the 256 most appropriate tones for red, green, and blue. Gamma is also user-adjustable from 1.8 up to 2.6.

EIZO’s ColorNavigator software comes bundled with the ColorEdge CG19 and is compatible with Macintosh® (9.2.2 and OS X) and Windows® (98SE/Me/2000/XP) operating systems. The interface is intuitive and simple to use; just set the values for brightness, color temperature, and gamma then calibrate with the ColorEdge CX1 calibrator or a GretagMacbeth® Eye-One™ measuring device (sold separately). ColorNavigator offers hardware calibration by controlling the monitor’s 10-bit LUT, a process that ensures no color gradations are sacrificed in the calibration process. The result is highly accurate colors with a delta-E difference of less than 0.5 for the monitor’s color temperature. Calibration results can be saved as a ColorSync or ICC profile.

A constant brightness level is critical for the proper display of color and the ColorEdge CG19 contains a patented brightness stabilization circuit developed in-house that stabilizes the brightness level within minutes after startup or coming out of power save mode. This circuit also detects and automatically compensates for brightness fluctuations due to ambient temperature. Most CRT and LCD monitors require a 1-2 hour warm-up period to achieve stable brightness, and the brightness level of these monitors is easily affected by changes in the surrounding temperature.

Incorporating the latest LCD technology, the ColorEdge CG19 employs a dual-domain IPS (in-plane switching) panel, which features wide 170° viewing angles and minimal color shift when the screen is viewed from off-center. The native resolution is 1280 × 1024, brightness 250 cd/m<sup>2</sup> and contrast ratio 450:1. Dual DVI-I inputs support analog and digital signals from up to two computers.



The ColorEdge CG19's ergonomic design produces a number of practical benefits. Thin bezels save space on the desktop and minimize the distance between screens in a multi-panel configuration. 100 mm height adjustment, 40° tilt, and 70° swivel allow for positioning the screen to the most comfortable position. The panel also pivots 90° for viewing in portrait mode<sup>1</sup> and can be removed from the stand for mounting according to VESA standards.

Compliance with the leading industry standards concerning safety, energy savings, and ergonomics include TCO<sup>03</sup> (gray cabinet), TÜV/Ergonomics, and the EPA Energy Star<sup>®</sup> program. EIZO's own Eco Products 2002 in-house label signifies conformance to a varied range of eco-friendly criteria such as partial use of lead-free solder and chrome-free steel plates, and consumption of less than one watt of power when the monitor is turned off.

EIZO offers an industry-leading warranty for the ColorEdge CG19 that guarantees the product shall be free from defects in material and workmanship for five years.<sup>2</sup>

#### Optional Accessories

EIZO has prepared several accessories that ensure greater functionality.

- CH1-A Monitor Hood – Shields the screen from light reflection to ensure color consistency.
- ColorEdge CX1 Color Calibrator – Connects to the monitor through a USB cable and provides accurate calibration when used with EIZO's ColorNavigator software.
- LS-HM1-D Dual Height Adjustable Stand – Holds two monitors and provides height adjustment over a range of 75 mm.
- FP-701 Panel Protectors – Fits over the screen surface and prevents dust and scratches.

#### Availability

The ColorEdge CG19 goes on sale in September and will be available in a choice of gray or black. The ColorEdge CX1 is currently on sale worldwide.

#### About EIZO

Eizo Nanao Corporation, the specialist in the development and production of state-of-the-art display systems, is based in Japan and represented in over thirty countries by a network of exclusive distributors.

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<sup>1</sup>Specialty software (sold separately) is necessary for viewing in portrait mode.

<sup>2</sup>The usage time is subject to 30,000 hours or less and the warranty period for the LCD panel and backlight are limited to three years.

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