



## EIZO Unveils ColorEdge® CG210 LCD Monitor at CeBIT 2005

*21.3" monitor for digital photography, graphic arts and printing includes hardware-based support for portrait mode*

Hannover, Germany, March 10, 2005 – Eizo Nanao Corporation (“EIZO”) is further extending its range of LCD monitors for professionals engaged in color critical work with the introduction



today of the ColorEdge CG210 at CeBIT 2005. This 21.3" monitor offers the complete combination of hardware and software performance common to all ColorEdge models along with monitor-side support for portrait mode on both the Macintosh and Windows platforms through EIZO’s ActiveRotation II feature.

Incorporating the latest LCD technology, the ColorEdge CG210 comes with a new dual-domain IPS (in-plane switching), which features wide 170° viewing angles and minimal color shift when viewed from an angle. Brightness is 250 cd/m<sup>2</sup>, contrast ratio a very high 550:1, and pixel pitch a fine 0.270 mm.

With a viewable image size of 21.3" and a native resolution of 1600 × 1200, two A4 size documents can be displayed on screen side-by-side. The ergonomic design offers 40° tilt, 70° swivel, 90° pivot, and a height adjustable stand with a movement range of 82 mm. Dual DVI-I inputs are included for compatibility with digital and analog graphics boards, and a high speed USB hub with one upstream and two downstream ports provides connectivity with USB-compliant peripherals.

To ensure consistent color display for each ColorEdge CG210 unit, EIZO adjusts the gamma level at the factory 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 1.0 up to 2.6.

EIZO equips the ColorEdge CG210 with the latest version of its proprietary ASIC (application specific integrated circuit) for advanced performance features not available anywhere else. This includes the groundbreaking ActiveRotation II feature for monitor-side support of portrait mode. A gravity sensor is now incorporated in the monitor so switching between landscape and portrait modes can be done simply by rotating the screen<sup>1</sup>. Since ActiveRotation II is hardware-based, all the redrawing of pixels takes place inside the monitor and not the PC so CPU speed is not affected. For professionals in digital photography, graphics, and printing using the Macintosh OS X, ActiveRotation II offers a long-awaited solution for viewing images in portrait mode. ActiveRotation II also supports Mac OS 9 and Windows 2000/XP.

Another significant feature of the ASIC is 14-bit color processing capability for smooth grayscale display even in dark areas, which are typically problematic for an LCD monitor to render without banding.

EIZO’s ColorNavigator calibration software (version 3) comes bundled with the ColorEdge CG210 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. Also included is post-calibration color adjustment of the hue and saturation for six colors (red, green, blue, cyan, magenta, and yellow) as well as white balance, brightness, black level, and gamma to achieve the closest possible visual match with the target colors.

EIZO stands behind the workmanship of the ColorEdge CG210 with an industry leading five year warranty\*. This warranty is valid in every country and territory where EIZO authorized distributors are located.

*\* 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.*

The ColorEdge CG210 is part of the SWOP-certified Remote Director – a monitor-based proofing system from Integrated Color Solutions, Inc. SWOP certification means graphics professionals can use this system in place of hardcopy proofs and perform all color checks on-screen for considerable savings in time and cost.

#### **Availability**

The ColorEdge CG210 will begin shipping in April and will be available through EIZO's network of distributors. Visitors to CeBIT 2005 in Hannover, Germany through March 16 can get a first look at the ColorEdge CG210 along with the rest of the current ColorEdge lineup.

#### **About EIZO**

Eizo Nanao Corporation is a leading global manufacturer of high-end visual display products with a wide range of LCD monitors, and Windows-Based Terminals (thin clients). The image quality, long-term reliability, and innovative features of EIZO monitors make them the product of choice in many financial trading rooms, hospitals, and design studios throughout the world. EIZO is based in Japan and represented in over thirty countries by a network of exclusive distributors.

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<sup>1</sup>Graphic board support for ActiveRotation II may vary by manufacturer and model. With some graphics boards, it may be necessary to connect the CG210 to the PC with a USB cable and install a bundled utility program (Windows), change the resolution on the PC side, or restart the computer after rotating the screen. For details on graphics board support, please see [www.eizo.com/support/compatibility/lcd/16.asp](http://www.eizo.com/support/compatibility/lcd/16.asp).

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