



EIZO Introduces Industry's First Post-Production and Broadcasting Monitor for Both Reference and Editing

Hakusan, Japan, September 5, 2008 – Eizo Nanao Corporation (TSE: 6737) today announced the ColorEdge CG232W, a full high-definition 22.5-inch LCD monitor for broadcast and post-production that can be used for both reference and editing work.



The ColorEdge CG232W is the first monitor for post-production and broadcasting to offer this dual functionality. Studio professionals can now conduct all their work on one monitor whereas they previously needed both a master monitor for reference (playback) and a desktop monitor for editing. This delivers significant cost savings while eliminating the problem of trying to match colors between different monitors.

The ColorEdge CG232W comes with multiple input support including BNC × 2 (SD-SDI/HD-SDI × 2 or dual-link SDI × 1), DVI-D, and D-Sub to facilitate direct connection to broadcast and studio sources as well as desktop PCs.

The monitor uses a high-quality IPS (in-plane switching) panel with a native resolution of 1920 × 1200, a wide color gamut, and 176° viewing angles. The wide color gamut allows the ColorEdge CG232W to reproduce color spaces used in broadcasting such as PAL/SECAM, SMPTE-C, and HDTV.

A 3D LUT (look-up table) features previewing of how color will be reproduced on the final film print. 10-bit simultaneous display means more than 1 billion colors can be shown on the screen at once. This is 64 times the colors supported by standard 8-bit display and virtually eliminates color and grayscale banding.

16-bit internal processing produces smooth display of grayscale tones. This brings out a high level of detail, especially in dark areas of an image which are typically problematic for LCD monitors to display.

To counteract the brightness and chroma uniformity errors that are characteristic of all LCD panels, EIZO has equipped the ColorEdge CG232W with its Digital Uniformity Equalizer (DUE) function. DUE ensures that the entire screen will be practically uniform at each gray level from 0 to 1,023.

EIZO's ColorNavigator calibration software is bundled with the ColorEdge CG232W and allows for setting the target values for brightness, white point, and gamma. ColorNavigator works with a measurement device to directly utilize the monitor's 3D LUT for accurate hardware calibration in less than five minutes.

To ensure optimum colors straight out of the box, EIZO calibrates each unit of the ColorEdge CG232W at its factory in Japan to produce a gamma curve of 2.2. An adjustment certificate is



included in the packaging to verify the results.

Additional Features

- A panel display frame rate of 120 Hz eliminates motion artifacts or “judder” for smooth video playback.
- Preset color modes for Rec. 709, EBU, SMPTE-C, DCI, and sRGB which can be accessed at the touch of a button.
- Backed by a five-year manufacturer’s limited warranty.*

Availability

Mass production is scheduled for January 2009. Date of availability will vary by country so please contact the EIZO subsidiary or distributor in your country for details. Visitors to IBC 2008 to be held in Amsterdam from September 12 – 16 can have a first look at the ColorEdge CG232W in the following stands: ARRI, stand 11.F21; Bright Systems Inc., stand 7.J39; and FilmLight Ltd., stand 7.A11; and Mikrom, stand 8.E79.

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.

For more information, please contact:

Eizo Nanao Corporation
153 Shimokashiwano
Hakusan, Ishikawa 924-8566
Japan
Phone: +81 76 277-6792
Fax: +81 76 277-6793
<http://www.eizo.com/>

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*The usage time is limited to 30,000 hours and the warranty period of the LCD panel is limited to three years from the date of purchase.

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