



## EIZO Introduces FlexScan® SX2462W Wide Gamut LCD Monitor with DisplayPort for Professional Design and Amateur Photography

**Hakusan, Japan, August 31, 2009** – Eizo Nanao Corporation (TSE: 6737) today introduced the DisplayPort equipped, 24-inch wide gamut, FlexScan SX2462W. With reliable color output, this monitor is suited for both creative professionals in CAD/CAM, DTP, web/product design, as well as amateur enthusiasts of digital photography.



The FlexScan SX2462W is equipped with a wide gamut IPS panel that reproduces 98% of the Adobe RGB color space allowing it to display most colors of a photograph taken in a digital camera's Adobe RGB mode. The monitor also comes with an sRGB mode so that images meant for display in this narrower, but widely used color space, such as those used on most web pages, will be shown as intended.

This monitor offers 178° viewing angles so users can view images from any position. Its 1920 × 1200 native resolution displays the equivalent of two A4 sheets of paper with room to spare for managing toolbars and command palettes when working with web code, spreadsheets, CAD or photos. The FlexScan SX2462W has a brightness of 270 cd/m<sup>2</sup>, contrast ratio of 850:1, and a 5 ms gray-to-gray response time to minimize ghosting for smooth playback of moving images.

The FlexScan SX2462W employs a 12-bit look-up table with a color palette of 68 billion colors from which the most appropriate 16.7 million (8 bits) are displayed. It also uses 16-bit internal processing for smooth display of grayscale tones without banding.

DisplayPort and Dual DVI-I inputs support digital or analog graphics board connection with up to three PCs. With a DisplayPort connection, this monitor displays 10-bit color<sup>1</sup> which is more than 1 billion colors shown simultaneously. This is 64 times greater than the 16.7 million colors of 8-bit display, resulting in smoother color gradations.

To maintain proper display of color, the FlexScan SX2462W is equipped with patented EIZO technology that stabilizes the monitor's brightness level after startup or coming out of power saving mode. The monitor also debuts a temperature sensor that detects and automatically suppresses changes in brightness and color caused by variation in the surrounding temperature.

Also to assist in compensating for fluctuations in brightness and chroma uniformity that are characteristic of LCD panels, The FlexScan SX2462W comes with EIZO's Digital Uniformity Equalizer function (DUE).

For convenience in returning to color settings without repeating adjustments in the OSD menu, three customizable modes let a user assign values to brightness, contrast, color temperature, and gamma. Four imaging modes – Text, Picture, Movie, and sRGB – are also included. With the bundled ScreenManager Pro for LCD utility software<sup>2</sup>, any mode can be assigned to an application so that when the application is opened, the screen automatically changes to its assigned mode.

For amateur digital photography enthusiasts, this monitor works with an accessory color matching tool called EIZO EasyPIX. It lets a user measure and save the monitor's settings to make color profiles for simple color matching between monitor and photo prints. EIZO EasyPIX consists of color matching



software and EIZO's EX1 color sensor.

**Additional Features**

- On-screen button guide for easy monitor adjustment in dark work environments.
- Simulates two types of red-green color vision deficiency – protanopia and deuteranopia – for verification of how color schemes appear to those with color blindness.<sup>3</sup> Simulation is done in real time for still and moving images, making it a practical alternative to software-based tools.
- USB 2.0 hub with one upstream and two downstream ports.
- Adjustable stand with 82 mm height adjustment, 40° tilt, 70° swivel, and 90° rotation for portrait mode when viewing long web or software code and spreadsheets.
- Five-year warranty.<sup>4</sup>

**Availability**

FlexScan SX2462W is now shipping. For information about availability and pricing please contact the EIZO subsidiary or distributor in your country for details.

**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 sixty countries by a network of exclusive distributors.

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<sup>1</sup> A graphics board and software which support 10-bit output are necessary for 10-bit display.

<sup>2</sup> ScreenManager Pro for LCD can only be used with the Microsoft Windows Vista/XP/2000 operating systems and requires a USB connection between the monitor and the PC.

<sup>3</sup> Requires the UniColor Pro software for toggling between modes. This software is compatible with Microsoft Windows Vista/XP/2000 and Mac OS 10.3.9 or later and can be downloaded free of charge from [www.eizo.com](http://www.eizo.com).

<sup>4</sup> The 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

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