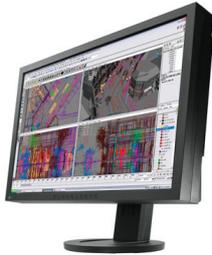# EIZO Introduces High-Resolution 22-inch LCD Monitor with Wide Color Gamut for Professional Design and Amateur Photography

Hakusan, Japan, December 21, 2009 – Eizo Nanao Corporation (TSE: 6737) today introduced the FlexScan SX2262W, a 22-inch LCD monitor with a wide gamut, DisplayPort input, and an unusually high 1920 × 1200 native resolution for its size. It is suited for both creative professionals in CAD/CAM, DTP, and web/product design, as well as amateur digital photographers.

The FlexScan SX2262W is equipped with a wide gamut VA panel that reproduces 95% 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.

The 1920 × 1200 native resolution is equivalent to that of most 24.1-inch monitors, which means it displays the same amount of information but occupies about 10% less desk space. Compared to the 1680 × 1050 native resolution of most 22-inch monitors, the FlexScan SX2262W displays approximately 30% more information in the same amount of screen space.

The FlexScan SX2262W has a brightness of 280 cd/m², contrast ratio of 1000:1, and a 6 ms gray-to-gray response time to minimize ghosting for smooth playback of moving images. Viewing angles are a very wide 178°.

The FlexScan SX2262W 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[1] 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 SX2262W 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 has a temperature sensor that detects and automatically suppresses changes in brightness and color caused by variation in the surrounding temperature.

The FlexScan SX2262W comes with EIZO's Digital Uniformity Equalizer (DUE). DUE compensates for fluctuations in brightness and chroma uniformity that are characteristic of LCD panels.

A versatile stand called the "FlexStand" provides a wide variety of positioning possibilities for ergonomic viewing. The FlexStand offers 344° swivel, 30° tilt, 90° portrait rotation, 225 mm height adjustment, and a quick release feature so the body can be easily removed from the stand for reconfiguration on a VESA-compliant mounting apparatus.

For convenience in returning to color settings without repeating adjustments in the OSD menu, three

customizable modes let a user assign values to brightness, color temperature, and gamma. Four preset modes – Text, Picture, Movie, and sRGB – are also included. With the bundled ScreenManager Pro for LCD utility software[2], 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.[3] 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.
- Limited five-year manufacturer's warranty.[4]

Availability

The FlexScan SX2262W 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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[1] A graphics board and software which support 10-bit output are necessary for 10-bit display.

[2] 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.

[3] Requires the UniColor Pro software for toggling between modes. This software is compatible with Microsoft Windows 7/Vista/XP and Mac OS 10.3.9 or later and can be downloaded free of charge from www.eizo.com.

[4] 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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