



## EIZO Introduces FlexScan® L997 LCD Monitor with Wide Range of Image and Color Control Functions

*EIZO-exclusive ActiveRotation II feature automatically changes picture orientation when panel is rotated*

Matto, Japan, January 21, 2005 – Eizo Nanao Corporation (“EIZO”) today announced the FlexScan L997, a 21.3" LCD monitor. The generous screen size coupled with a wide range of image control and usability features made possible with EIZO’s own ASIC (application specific integrated circuit) ensure the FlexScan L997 is ideal for professionals engaged in CAD/CAM, DTP, or other graphics work.



The FlexScan L997 has a new Super In-Plane Switching (IPS) panel that minimizes color shift and provides wide 170° viewing angles. Brightness is 250 cd/m<sup>2</sup>, contrast ratio a very high 550:1, and pixel pitch a fine 0.270 mm. At a viewable image size of 21.3" and a native resolution of 1600 × 1200, it can display two A4 size documents on screen side-by-side. An ergonomic design includes thin bezel design on all sides of the screen to help save space, tilt and swivel angles of 40° and 70°, and a height adjustable stand with a range of 82 mm. Dual DVI-I inputs are included for compatibility with both digital and legacy analog graphics boards, and a USB hub with one upstream and two downstream ports offers high speed connection with other USB compliant peripherals.

### Advanced Performance Features with Proprietary ASIC

By developing its own ASIC, EIZO is able to incorporate many significant color control and usability benefits into the FlexScan L997.

#### ActiveRotation II – Portrait Orientation Support

Available for the first time with the FlexScan L997, this feature offers support for portrait mode simply by rotating the panel 90°. EIZO first introduced ActiveRotation in its monitors in 2003, and although it proved to be an attractive alternative to software-based solutions which absorb CPU power and can compromise graphics performance, it required the user to change the settings in the OSD menu to enable portrait mode. To make the feature more user friendly, the FlexScan L997 includes a gravity sensor so it “knows” when it is being rotated, and can automatically change between landscape to portrait orientation accordingly.<sup>1</sup> ActiveRotation II supports both Windows 2000 / XP and Macintosh OS 9 / X platforms.

#### ActiveShot – Picture-in-Picture Display

ActiveShot offers picture-in-picture from two PC sources<sup>2</sup> so users can perform two tasks at once without having to switch between application windows. ActiveShot comes with Standard and Clip modes. Standard mode shows the entire screen from the second PC source in the sub-window. With Clip mode, the user can select just the desired area of the screen for display in the sub-window. In both modes, the position of the sub-window can be moved as required. The sub-window can be made to appear and disappear at the touch of a button.



#### 10-Bit Gamma Correction

Produces smooth gradations of color with its 10-bit LUT (Look-Up Table) that automatically converts 8-bit data (256 gradations) received from the computer to 10-bit (1,021 gradations) and then reassigns this data back to 8-bits with the ideal gamma values.

#### 14-Bit Processing

The ASIC provides 14-bit color processing for smooth grayscale display even in dark areas, which are typically problematic for an LCD monitor to render without banding.

#### Independent 6-Color Control

Hue and saturation can be controlled individually for each primary (red, green, blue) and secondary color (cyan, yellow, and magenta). With this detailed control, a single color in an image can be adjusted slightly or changed altogether.

#### Emulation of Color Characteristics

With this feature, the FlexScan L997 can emulate the color characteristics of CRT or other LCD monitors by inputting their coordinates for white, red, green, and blue with the bundled ScreenManager Pro for LCD<sup>3</sup> software. This is especially useful for color matching when another monitor is the standard monitor in a workflow or when different models are used in a multi-monitor environment.

For comfortable viewing of any type of content from detailed text documents to color-rich images, the FlexScan L997 includes EIZO's Fine Contrast function which offers five imaging modes: Text, Picture, Custom, Movie, External, and sRGB. Each mode has its own settings for image parameters such as color temperature, gamma, and brightness. Navigating between the modes is done simply by pressing a button on the front panel. A sixth mode, WindowMovie Mode, is accessible through the ScreenManager<sup>®</sup> Pro for LCD software. WindowMovie displays a video player software application at the monitor's maximum brightness setting and the rest of the screen at a lower brightness set according to user preference.

Additional features of ScreenManager Pro for LCD include the assigning any Fine Contrast mode to an application so that when the application is activated, the screen automatically changes to the assigned mode, and control of all OSD functions with the mouse or keyboard rather than the OSD menu.

EIZO stands behind the workmanship of the FlexScan L997 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.*

EIZO offers a wide variety of accessories for enhancing convenience and flexibility including panel protectors, client management software, and mounting arms and stands. For more information, please see [www.eizo.com/products/accessories/](http://www.eizo.com/products/accessories/).

The FlexScan L997 complies with some of the strictest standards for office equipment including



TCO'03 (gray cabinet only; black cabinet is TCO'99 compliant) and TÜV Rheinland/Ergonomics. It also carries the EIZO Eco Products 2004 in-house label signifying it meets several internal requirements such as the use of lead-free solder and chrome-free steel plates.

#### **Availability**

The FlexScan L997 is now shipping and will begin reaching international markets in February. It comes in a choice of gray or black.

#### **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, back offices, 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 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).

<sup>2</sup>ActiveRotation II and ActiveShot cannot be used simultaneously.

<sup>3</sup>ScreenManager Pro for LCD for use with the Microsoft® Windows® 98SE, Me, 2000, and XP operating systems only. When using this software, the FlexScan L997 must be connected to the PC with a USB cable (included).

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