

Work luxuriously with 30" of screen space. Use the entire screen for one PC, or take advantage of the picture-by-picture function to display two PC sources at once — it's like having two monitors side-by-side, but with no distracting bezels between them. Exceptional performance and build quality make this the ideal 30" monitor for graphics work or a cost-efficient alternative to a standard 2048 × 2048 monitor for air traffic control.

- 2560 × 1600 native resolution
- 97% Adobe RGB gamut coverage
- Picture-by-picture display
- Brightness and chroma uniformity
- 5-year warranty



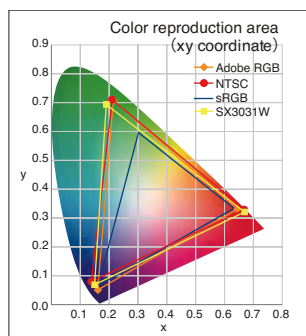
## FEATURES

### 30" of Screen Space

The 30" screen with its native resolution of 2560 × 1600 gives you more than twice as many pixels to work with as a standard 21" monitor. Open up your DTP, CAD/CAM, graphics, and web design applications and work without having to worry about your windows and palettes overlapping.

### 97% Adobe RGB Gamut Coverage

The wide gamut LCD monitor reproduces 97% of the Adobe RGB color space so it can display most colors in a photograph taken in Adobe RGB mode. Furthermore, it has an sRGB mode to accurately reproduce this narrower but commonly used color space. This ensures that colors meant for sRGB such as those used on web pages and



any photos taken with a digital camera's sRGB mode will be reproduced on the screen as intended.

### Two Monitors in One with Picture-By-Picture

Increase your work efficiency by dividing the screen into two equal halves of 1200 × 1600 and displaying input from two computers simultaneously. There is no distracting bezel between the two halves and no toggling back and forth between the two computers.

### Brightness and Color Uniformity with DUE

Uniformity errors usually seen as brighter or darker areas on the screen are characteristic of LCD panels. A Digital Uniformity Equalizer (DUE) function corrects brightness and chroma uniformity errors so they are virtually unnoticeable.



Without DUE: uneven brightness distribution



With DUE: uniform brightness across the screen

# FlexScan SX3031W

30" Color LCD Monitor



## 12-Bit Gamma, 16-Bit Internal Processing

EIZO's latest integrated circuit is built in and features 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 has 16-bit internal processing for smooth display of grayscale tones, especially in dark areas of an image.

## Detailed Color Control

What good is a 30" screen for doing graphics work without even the most basic color control functions? With the FlexScan SX3031W you can adjust not only brightness, but also gamma, saturation, hue, gain and color temperature. For fine-tuning of even a single color, the hue and saturation settings for RGBCMY can be adjusted independently.

## Dual DVI-D Inputs

Dual DVI-D inputs (digital) are included for connecting to two PCs. One input supports dual link for displaying resolutions up to the monitor's maximum of 2560 x 1600, and the other input is single link for resolutions up to 1920 x 1200.

## 6 ms Midtone Response Time

A built-in overdrive circuit reduces midtone response time to 6 ms. Fast video sequences and 3D-CAD animation are displayed without delays.

## Scale Non-Native Resolutions to a Full Screen

When working at less than native resolution or aspect ratios different than 16:10 you can use the scaling function to enlarge your work or even expand it to fill the screen. This is especially useful when using the monitor's single link input. You can then smooth or sharpen the image in five increments.

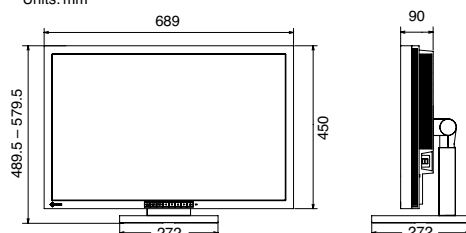
## Customer Assurance

A five-year warranty offers a long service life, and compliance with leading industry standards such as TCO'03 and TÜV Ergonomics ensures a better working environment. The EIZO Eco Products 2006 label indicates these products meet strict internal requirements for design, manufacturing, packaging, and usage.



## Dimensions

Units: mm



## Specifications

Panel	Panel Size and Type	76 cm (29.8") TFT color LCD panel
	Viewing Angles (H, V)	178°, 178° (at contrast ratio of 10:1)
	Brightness / Contrast	260 cd/m <sup>2</sup> / 900:1
	On/Off Response Time	12 ms (typical)
	Midtone Response Time	6 ms <sup>1</sup>
	Native Resolution	2560 × 1600 <sup>2</sup>
	Active Display Size (H × V)	641.3 × 400.8 mm
	Viewable Image Size	Diagonal: 756 mm
	Pixel Pitch	0.2505 × 0.2505 mm
	Display Colors	16.77 million from a palette of 68 billion
Cabinet Color		Black
Dot Clock		Digital: 269 MHz
Scanning Frequency (H, V)		Digital: 31 – 100 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)
Input Signals		Digital: DVI Standard 1.0
Input Terminals		DVI-D 24 pin × 2 (dual link × 1, single link [HDCP supported <sup>3</sup> ] × 1)
USB Port / Standard		1 upstream, 2 downstream / USB Standard Rev. 2.0
Plug & Play		VESA DDC 2B
Power	Power Requirements	AC 100 – 120 V, 200 – 240 V: 50 / 60 Hz
	Power Consumption	170 W (maximum) 84 W (typical / AC100 V) 82 W (typical / AC200 V)
	Power Save Mode	Less than 2 W
Physical Specifications	Height Adjustment Range	90 mm
	Tilt / Swivel / Pivot	30° Up, 3° Down / 35° Right, 35° Left / –
	Dimensions (W × H × D)	With Stand: 689 × 489.5 – 579.5 × 272 mm Without Stand: 689 × 450 × 90 mm
	Net Weight	With Stand: 15.3 kg Without Stand: 11.1 kg
Auto Brightness Function		Auto Brightness Stabilization
Auto Power Save Function		Digital: DVI DMPM
Display Mode Options		Fine Contrast (Text, Picture, Movie, sRGB, Custom, WindowMovie <sup>4</sup> ), Auto Fine Contrast <sup>5</sup>
Screen-Manager OSD Adjustment Functions	Screen Adjustment	Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity
	Color Adjustment	Brightness, Independent 6-Color Control, Gamma, Temperature (in 500 K increments from 4,000 K – 10,000 K including 9,300 K), Saturation, Hue, Gain, Reset
	Power Save Settings	Digital: PowerManager (DVI DMPM), Off Timer
	Other Settings	Signal Settings, Product Information (product name, serial number, resolution, operating time), OSD Menu Settings, Adjustment Lock, Languages (English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese), Beep, Power Indicator, Dual Display <sup>6</sup> , Reset
Certifications and Standards		TCO'03, TÜV/Ergonomics (including ISO 13406-2), TÜV/GS, c-Tick, CE, CB, UL (cTÜVus), CSA (cTÜVus), FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA ENERGY STAR <sup>7</sup> , RoHS, WEEE, EIZO Eco Products 2006
Supplied Accessories		AC power cord, signal cables (DVI-D – DVI-D, DVI-D – DVI-D (dual link supported), USB cable, EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD <sup>7</sup> , ICC Profile), setup guide, 4 screws for mount option, warranty registration card
Warranty		Five Years <sup>8</sup>

<sup>1</sup> Average response time measured between each grayscale level of 31, 63, 95, 127, 159, 191, and 223. <sup>2</sup> A graphics board that supports dual link is required for displaying 2560 × 1600 resolution. <sup>3</sup> Display with audio/video is not supported. <sup>4</sup> WindowMovie mode is selectable only when Auto Fine Contrast is active. <sup>5</sup> Bundled ScreenManager Pro for LCD is necessary to activate Auto Fine Contrast. Support for those functions varies with the graphics board used. <sup>6</sup> Dual 1200 × 1600 display is available with Dual Display mode. <sup>7</sup> ScreenManager Pro for LCD is compatible with the Microsoft Windows 98SE/Me/2000/XP operating systems only. <sup>8</sup> 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.

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Specifications are subject to change without notice.

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