



# FlexScan S2000

20.1" Color LCD Monitor

*The FlexScan S2000 offers a full 20.1" screen with pinpoint sharpness, rich colors, and smooth motion picture playback making it ideal for a wide range of applications such as text, DTP, and 3-D CAD. Welcome flexibility is provided by digital/analog inputs, while height, tilt, swivel, and pivot adjustments make for ergonomic viewing in portrait or landscape mode.*

- 1600 × 1200 native resolution
- 300 cd/m<sup>2</sup> brightness
- 1000:1 contrast ratio
- 5-year warranty



## FEATURES

### Smooth, Clean Motion

An overdrive circuit is included to enhance the playback of moving images by adjusting the voltage input for each frame based on image data from the previous three frames. Commonly used in LCD TVs, this circuit improves midtone response time — the time required to transit between gray levels — to 8 ms. Fast video sequences and 3D-CAD animation are displayed without delays.

### Fine Contrast Mode Selection

The Fine Contrast function provides ideal viewing conditions for office applications (Text mode), video clips (Movie mode), graphics (Picture mode), and web browsing (sRGB mode). A Custom mode is also available for individual user settings. The bundled ScreenManager Pro for LCD software supports automatic mode switching, such as changing to Picture mode when a graphics application is selected.

### 10-Bit LUT, 14-Bit Internal Processing

EIZO equips the FlexScan S2000 with its own ASIC (Application Specific Integrated Circuit) which features a 10-bit look-up table and 14-bit internal processing. The 10-bit look-up table has a palette of more than 1 billion colors from which the most appropriate 16.7 million (8-bits) are displayed to ensure smooth reproduction of subtle color variations. The 14-bit internal processing produces a high degree of detail in dark areas of an image.

### Precise Color Control

Gamma values can be adjusted manually from 1.4 to 3.0 in steps of 0.2 and color temperature in 500 K increments from 4,000 to 10,000 K. Hue, gain, and saturation can be controlled separately, and an independent 6-color control function allows for individual adjustment of red, green, blue, cyan, magenta, and yellow.

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## Placement Flexibility

The FlexScan S2000 offers exceptional flexibility to accommodate both your work style and your work space. The stand is height adjustable through an 82 mm range and provides 40° tilt and 70° swivel so every user can easily set the ideal position. It also pivots 90° for portrait mode viewing. Compatibility with VESA mounting standards allows the monitor to be removed from the stand for mounting on a movable arm or wall bracket.

## 1000:1 Contrast Ratio

This outstanding contrast performance makes images on dark backgrounds appear more vivid, brings out the subtle differences in similar shades of color, and ensures that colors retain their richness even in brightly lit rooms.

## Digital and Analog Inputs

With both DVI-I and D-Sub inputs, you can use a computer that has either a digital or an analog graphics board (or both if connected to two computers), and quickly switch between the inputs via a front panel button.

## Customer Assurance

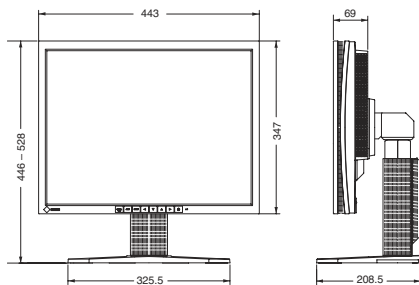
A five-year warranty offers a long service life, and compliance with leading industry standards such as TCO'03 and TÜV Ergonomics ensures a better working environment. The EIZO Eco Products 2006 label indicates these products meet strict internal requirements for design, manufacturing, packaging, and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



## Accessories

A variety of accessories are available to enhance convenience and flexibility, including height adjustable stands, arms, a panel protector, and client management software. For detailed information, please see [www.eizo.com/products/accessories/](http://www.eizo.com/products/accessories/)

## Dimensions



## Specifications

<b>Panel</b>	<b>Panel Size and Type</b>	51 cm (20.1") TFT color LCD panel	
	<b>Viewing Angles (H, V)</b>	178°, 178° (at contrast ratio of 10:1)	
	<b>Brightness / Contrast</b>	300 cd/m <sup>2</sup> / 1000:1	
	<b>Response Time</b>	16 ms (typical)	
	<b>Midtone Response Time</b>	8 ms <sup>1</sup> (typical)	
	<b>Native Resolution</b>	1600 × 1200	
	<b>Active Display Size (H × V)</b>	408 × 306 mm	
	<b>Viewable Image Size</b>	Diagonal: 510 mm	
	<b>Pixel Pitch</b>	0.255 × 0.255 mm	
	<b>Display Colors</b>	16.77 million from a palette of 1.06 billion	
<b>Available Cabinet Colors</b>		Gray, Black	
<b>Dot Clock</b>		Analog: 202.5 MHz, Digital: 162 MHz	
<b>Scanning Frequency (H, V)</b>	<b>Analog</b>	24 – 94 kHz, 49 – 86 Hz	
	<b>Digital</b>	31 – 76 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)	
<b>Input Signals</b>		Analog: RGB Analog, Digital: DVI Standard 1.0	
<b>Input Terminals</b>		D-Sub mini 15 pin, DVI-I 29 pin (switchable)	
<b>USB Port / Standard</b>		1 upstream / USB Standard Rev. 2.0	
<b>Plug &amp; Play</b>		VESA DDC 2B	
<b>Power</b>	<b>Power Requirements</b>	AC 100 – 120 V, 200 – 240 V: 50 / 60 Hz	
	<b>Power Consumption</b>	64 W (maximum)	
	<b>Power Save Mode</b>	Less than 2 W	
<b>Physical Specifications</b>	<b>Height Adjustment Range</b>	82 mm	
	<b>Tilt / Swivel / Pivot</b>	40° Up, 0° Down / 35° Right, 35° Left / 90°	
	<b>Dimensions (W × H × D)</b>	With Stand: 443 × 446 – 528 × 208.5 mm Without Stand: 443 × 347 × 69 mm	
	<b>Net Weight</b>	With Stand: 9.0 kg, Without Stand: 6.0 kg	
<b>Auto Brightness Functions</b>		Auto Brightness Stabilization	
<b>Auto Adjustment Functions</b>		Auto Adjustment	
<b>Display Mode Options</b>		Fine Contrast (Text, Picture, Movie, sRGB, Custom, WindowMovie <sup>2</sup> ), Auto Fine Contrast <sup>3</sup>	
<b>Screen-Manager OSD Adjustment Functions</b>	<b>Screen Adjustment</b>	Clock, Phase, Position, Resolution, Range Adjustment (Auto), Signal Filter, Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity	
	<b>Color Adjustment</b>	Brightness, Gamma, Temperature, Saturation, Hue, Gain, Independent 6-Color Control, Reset	
	<b>Power Save Settings</b>	<b>Analog</b>	PowerManager (VESA DPMS), Off Timer
		<b>Digital</b>	PowerManager (DVI DMPM), Off Timer
<b>Other Settings</b>		Signal Settings, Input Priority, Power Indicator, Product Information (product name, serial number, resolution, operating time), OSD Menu Settings, Adjustment Lock, Languages (English, French, German, Italian, Japanese, Spanish, Swedish), Reset	
<b>Certifications and Standards</b>		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>4</sup> , RoHS, WEEE, EIZO Eco Products 2006	
<b>Supplied Accessories</b>		AC power cord, signal cables (D-Sub – D-Sub, DVI-D – DVI-D), USB cable, setup manual, CD-ROM (PDF user's manual, ScreenManager Pro for LCD <sup>5</sup> , ICC profiles), 4 screws for mount option, warranty registration card	
<b>Warranty</b>		Five Years <sup>5</sup>	

<sup>1</sup> Average response time measured between each grayscale level of 31, 63, 95, 127, 159, 191, and 223.  
<sup>2</sup> WindowMovie mode is selectable only when the Auto Fine Contrast is active. <sup>3</sup> Bundled ScreenManager Pro for LCD is necessary to activate Auto Fine Contrast. <sup>4</sup> ScreenManager Pro for LCD is compatible with the Microsoft<sup>®</sup> Windows<sup>®</sup> 98SE/Me/2000/XP operating systems only. <sup>5</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. With current LCD technology, a panel may contain a limited number of missing or flickering pixels.

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