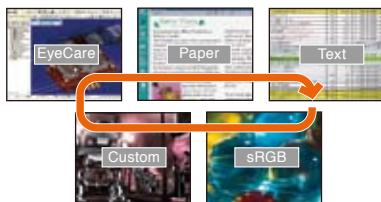




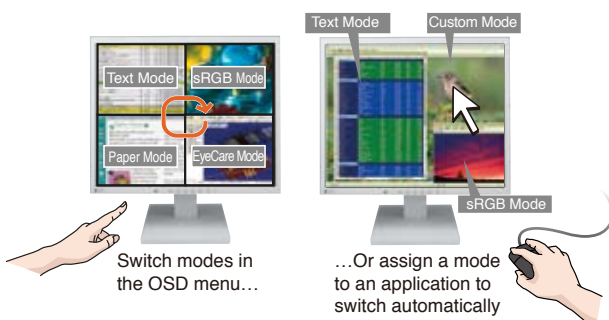
17" LED-Backlit Monitor Saves Energy and Reduces Eye Fatigue

Preset Modes for Optimum Viewing

With EIZO's Fine Contrast function you can choose from several preset modes for the various applications you work with. Toggling between modes can be done manually in the OSD menu or automatically by assigning a mode to a particular application with the bundled ScreenManager Pro for LCD software.



Select the best mode depending on content

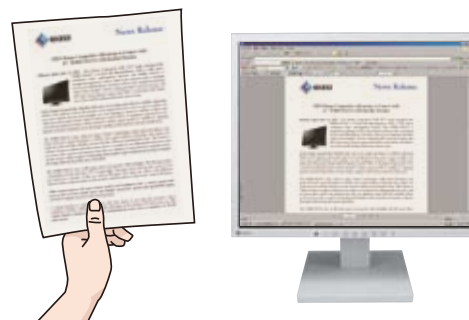


Prevents Eye Fatigue in Dimly-Lit Offices

Fine Contrast includes an EyeCare mode that reduces the screen's brightness to just 3 cd/m². This ultra-low brightness helps prevent eye fatigue and increase productivity when working in an environment with very dim ambient lighting such as a CAD studio.

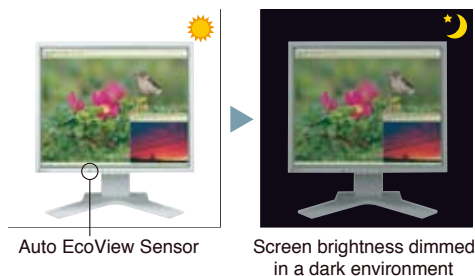
Closely Simulates Documents and Books

With office and home spending increasing amounts of time viewing documents and books on their monitors rather than in printed form, Paper mode simulates the look of paper. Paper mode makes reading documents and ebooks more comfortable and thereby reduces eyestrain. (See page 4 for more information about Paper mode.)



Optimized Brightness with Auto EcoView

The Auto EcoView function is a sensor on the front of the monitor that measures ambient light and optimizes the screen's brightness to a level akin to viewing a sheet of paper under typical office lighting conditions. Since the screen is never too bright, eye strain is reduced while power consumption is cut by up to 50% compared to operating the monitor with Auto EcoView turned off and set to the default factory brightness of 100%.



LED Backlight

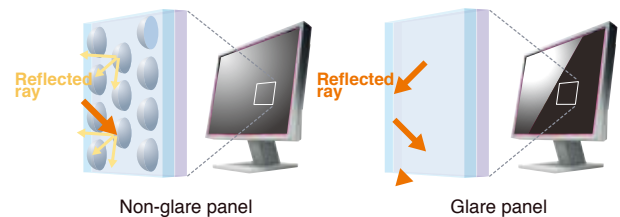
With an energy-saving LED backlight, the FlexScan S1703 uses only 9 watts during typical operation. The LED backlight does not contain any mercury for minimal environmental impact when the monitor is eventually disposed of.

Auto Image Adjustment

The monitor discerns the input signal from the PC and automatically adjusts the clock, phase, image location, size, etc. In addition, the signal cables that are bundled were developed by EIZO to reduce noise.

Anti-Glare Treatment

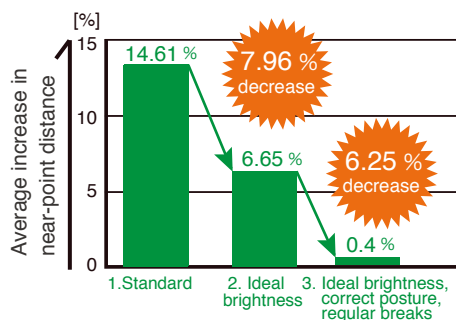
A non-glare screen reduces eye fatigue by dissipating reflective light that otherwise makes the screen difficult to view. Furthermore, the surface of the bezels is treated to prevent light reflection.



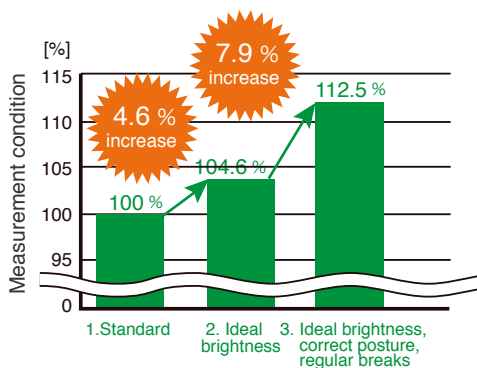
Improved Work Efficiency, Reduced Visual Fatigue

EIZO conducted a survey in 2008 to establish the relationship between eye fatigue and monitor use. The survey found that when you properly adjust your monitor's brightness, the reduction in your ability to focus drops by half (Graph 1). In addition, maintaining correct working posture and taking regular breaks further reduced fatigue levels and increased work efficiency by 12.5% (Graph 2).

Comparison between fatigue levels after monitor use



Quantity of VDT work per unit of time



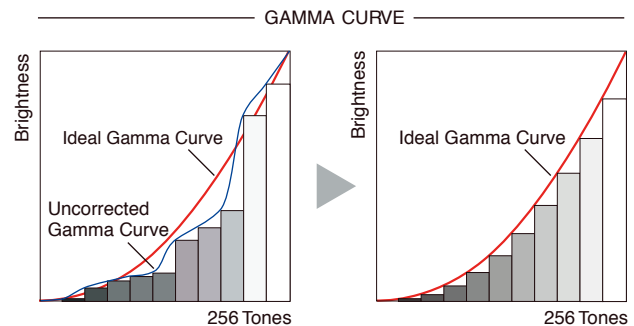
EIZO monitor features like Auto EcoView, ergonomic stands, and the EyeCare utility help reduce eye fatigue and increase work efficiency.

VESA Mount Version

For customers that will provide their own VESA-compatible mounting solutions, the FlexScan S1703 is available without a stand.

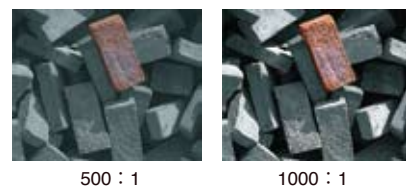
10-Bit Gamma Correction

This technology helps achieve accurate color by converting the 8-bit PC data to 10-bit, and assigning the ideal gamma values with a 10-bit look-up table (LUT) then returning the data to 8-bit format for display.



High Contrast Ratio

This outstanding contrast ratio makes for rich, deep blacks and brings out the subtle differences in similar shades of color.



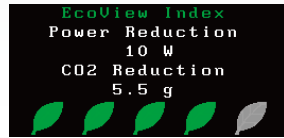
Built-In Speakers

0.5-watt speakers are tucked away at the back of the monitor and out of view so you can enjoy sound while bezel size is kept to a minimum. A headphone jack is also built into the monitor.



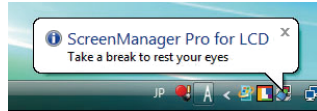
Energy Efficiency Gauge

To encourage environmental consciousness while working, a user-activated gauge called EcoView Index displays the level of power savings and equivalent amount of CO₂ reduction compared to using the monitor without Auto EcoView activated and with the screen set at a brightness of 100%.



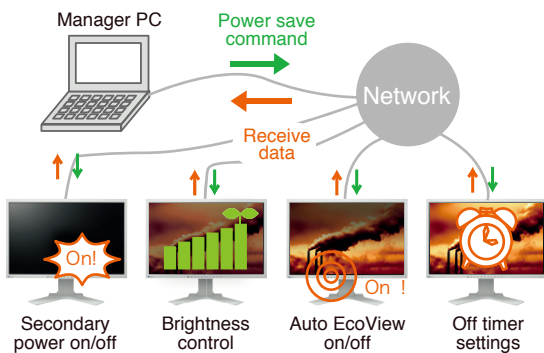
Eye Care Utility

The EyeCare utility is EIZO-developed software that helps promote better work habits. It consists of an “EyeCare Reminder” function that reminds you to take scheduled breaks.



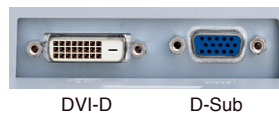
Energy Savings across the Network

EIZO’s EcoView NET power management software provides centralized control over the power settings of monitors on a network. With EcoView NET, a systems administrator can confirm the settings for each monitor on the network, turn the power on or off, and if necessary, take measures to combat eye fatigue such as adjust the brightness or activate Auto EcoView. EcoView NET is available from EIZO distributors.



Digital and Analog Inputs

With both DVI-D and D-Sub mini 15-pin 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.



Sync-On-Green Signal Support

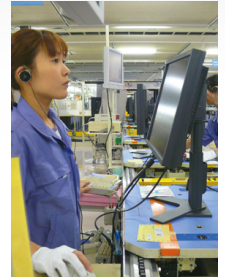
Support for sync-on-green ensures this monitor can be used with legacy graphics boards that output this signal.

Compliance with International Labels



Made by EIZO

While outsourcing production is now common practice in the monitor industry, EIZO continues to manufacture its products the same way it has throughout its 40-year history – with its own staff at its own factories. This allows EIZO to maintain close control over production quality and offer the industry’s only 5-year manufacturer’s limited warranty.



Built to Last Five Years

EIZO’s five-year warranty is two years or 67% longer than the standard three-year warranty of most brands. Even if the initial purchase price of the FlexScan S1703 is higher than another 17-inch monitor, the TCO (total cost of ownership) will likely be lower due to the significantly longer buying cycle and less need for repair.

5-Year vs. 3-Year Warranty



Other Brands



Why 5 years?

In-house R&D, manufacturing, and QC model guarantees quality and reliability. ✓

What does this mean for day-to-day operations?

High build quality ensures low failure rate. ✓

Final Result

Long buying cycle, Low TCO ✓

Why 3 years?

R&D, manufacturing, and QC partially or fully outsourced. ✗

What does this mean for day-to-day operations?

Lost productivity due to repairs and replacements. ✗

Final Result

Short buying cycle, High TCO ✗

Optional LCD Panel Protector

This protector fits easily between the LCD screen and bezel, has a light transmission rate of more than 90%, and include both an anti-glare coating side to reduce light reflection and a glossy side for crisper, more vibrant images.



What is Paper Mode?

Simply put, it is a mode which adjusts the brightness, contrast ratio, and color temperature of a monitor to simulate those of printed paper. Over the course of a work day PC users must constantly adjust to the difference between how monitors and paper appear. This overworks the muscles of the eyes and is thought to be a source of eye fatigue and stress. Paper mode was developed to alleviate the eye fatigue and stress that PC users feel.

Comparison between paper, EIZO square monitors, and Paper Mode

| | Newspaper | Recycled Copy Paper | EIZO Square Monitors | Paper Mode |
|-------------------|--|---|------------------------------------|---------------------------|
| Brightness | 55 % reflection rate, 88 cd/m ² * | 70 % reflection rate, 112 cd/m ² * | 267 cd/m ² [†] | 50 - 70 % reflection rate |
| Contrast Ratio | 6.2:1 | 10.7:1 | 1167:1 [†] | About 30:1 |
| Color Temperature | 3,477 K | 3,828 K | 6500 K (when shipped) | 4,000 - 5,000 K |

* Measured at an ambient brightness of 500 lx. † Average maximum brightness of FlexScan S1703.

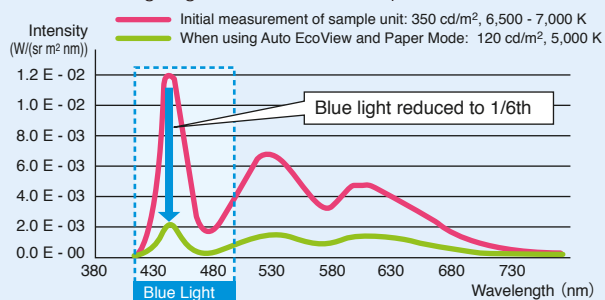
Color Temperature, Brightness and the Effect on Blue Light

In the visible light spectrum, blue light has wavelengths adjacent to ultraviolet light. Compared to the factory preset setting of 6,500 K of typical LCD monitors, Paper Mode is closer to the spectral distribution with long reddish wavelengths so it reduces the amount of blue light, a cause of eye fatigue.



The combination of Paper Mode and the Auto EcoView brightness adjustment function reduces blue light even more. In a monitor with an LED backlight where Paper Mode and Auto EcoView were used, the blue light was measured and found to have only 1/6th the intensity of the factory setting.

Effect of Lowering Brightness and Color Temperature



SPECIFICATIONS

| | |
|---------------------------------------|--|
| Cabinet Color | Gray, Black |
| Panel Type | TN |
| Backlight | LED |
| Size | 17" / 43 cm (432 mm diagonal) |
| Native Resolution | 1280 x 1024 (5:4 aspect ratio) |
| Display Size (H x V) | 337.92 x 270.336 mm |
| Pixel Pitch | 0.264 x 0.264 mm |
| Display Colors | 16.77 million from a palette of 1.06 billion |
| Viewing Angles (H / V, typical) | 170°, 160° |
| Brightness (typical) | 250 cd/m ² |
| Contrast Ratio (typical) | 1000:1 |
| Response Time (typical) | 5 ms (black-white-black) |
| Video Signals | D-Sub mini 15 pin, DVI-D 24 pin (with HDCP) |
| Digital Scanning Frequency (H / V) | 31 - 64 kHz, 59 - 61 Hz (VGA Text: 69 - 71 Hz) |
| Analog Scanning Frequency (H / V) | 31 - 80 kHz, 50 - 75 Hz |
| Sync Formats | Separate, Sync on green |
| Speakers | 0.5 W + 0.5 W |
| Input Terminals | 3.5 mm stereo jack |
| Output Terminals | 3.5 mm headphone jack |
| Sound Adjustment | Volume |
| Power Requirements | AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz |
| Maximum Power Consumption | 25 W |
| Typical Power Consumption | 9 W |
| Power Save Mode | Less than 0.5 W |
| Power Management | Power Save (VESA DPM and DVI DMPM), Eco Timer |
| Preset Modes | FineContrast (Text, sRGB, EyeCare, Paper, Custom) |
| Auto EcoView | Yes |
| OSD Languages | English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish |
| Others | Screen Adjustment (Clock, Phase, Position, Range (Auto), Smoothing (5 stages), Color Adjustment (Brightness, Contrast, Temperature, Gain, Reset), Signal Switching, Power Indicator, Product Information (name, serial number, resolution, operating time, etc.), OSD Menu Position, Adjustment Lock, DDC/CI Lock, Reset |
| Dimensions (Landscape, W x H x D) | 367 x 384 x 188 mm |
| Dimensions (Without Stand, W x H x D) | 367 x 304 x 59 mm |
| Net Weight | 4.4 kg / 9.7 lbs |
| Net Weight (Without Stand) | 3.6 kg / 7.9 lbs |
| Tilt | 30° Up, 5° Down |
| Hole Spacing (VESA Standard) | 100 x 100 mm |
| Temperature | 5 - 35 °C |
| Humidity (R.H., non condensing) | 20 - 80 % |
| Certifications & Standards | TCO Displays 6.0, EPEAT Gold (US), TUV/Ergonomics (including ISO9241-307), TUV/GS, C-Tick, CE, CB, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, CCC, GOST-R |
| Supplied Accessories | AC power cord, signal cables (D-Sub - D-Sub, DVI-D - DVI-D), audio cable, setup guide, CD-ROM (PDF user's manual, ScreenManager Pro for LCD [DDC/CI], EIZO ScreenSlicer software), 4 screws for mount option, warranty card |
| Warranty | Five Years [†] |

[†] 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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