

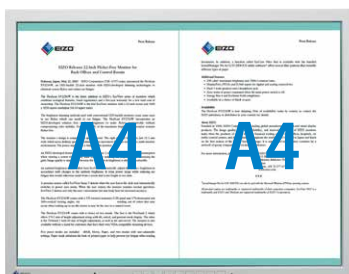


High-Resolution Monitor for Text and Graphics Work

Square Format with Ample Space

With a 21.3-inch screen and a 1600 x 1200 native resolution, the FlexScan S2133 displays a large volume of information so you can scroll less and work more efficiently.

- Displays two A4 pages at once
- Portrait Mode

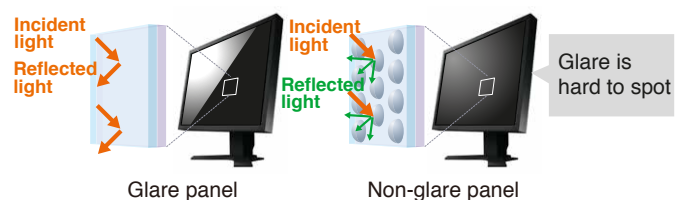


IPS Panel with Wide Viewing Angles

The IPS (in-plane switching) panel offers 178° viewing angles to minimize color shift and contrast when viewing the screen at an angle. This ensures stable and consistent display when two or more people view the screen at once or in a multi-monitor environment.

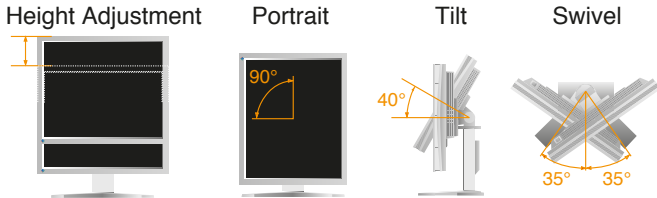


A non-glare screen reduces eye fatigue by dissipating reflective light that otherwise makes the screen difficult to see.



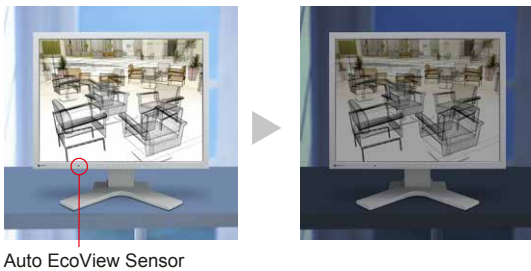
Viewing Comfort with an Ergonomic Stand

Adjust the screen to the most comfortable position with 82 mm height adjustment, 40° tilt, 70° swivel, and 90° rotation for portrait mode. Compatibility with VESA mounting standards allows the monitor to be removed from the stand for mounting on a movable arm or wall bracket.



Optimized Brightness with Auto EcoView

The Auto EcoView ambient brightness sensor on the front of the monitor measures ambient light and optimizes the screen's brightness so the screen is never too bright or too dark. This reduces both eye strain and the monitor's energy consumption.



Preset Modes for Optimum Viewing

For optimum viewing of different kinds of content, EIZO's Fine Contrast function includes modes for office applications (Paper mode), video (Movie mode), web browsing (sRGB mode), and user-defined settings (User modes 1 and 2). 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.

Closely Simulates Documents and Books

Paper mode produces tones and contrast similar to those of printed paper. Together with the Auto EcoView ambient brightness sensor, Paper mode makes reading documents and ebooks more comfortable and reduces eyestrain. (See sidebar for more information.)



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.

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 S1903.

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

