Widescreen LCD Monitors

FlexScan EV

EcoView

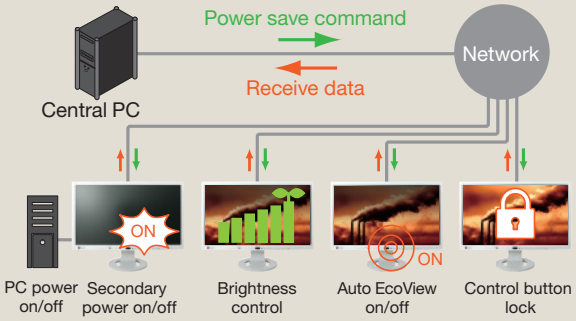
A Simple Equation For Economy

The FlexScan EV series embodies EIZO's "EcoView" concept of combining ergonomic and environmental features for an economical result. A compact design, flexible stand, and energy-saving presence sensor make these monitors ideal for trading floors, government facilities, offices, and homes.

Power Management Software

EIZO EcoView NET software allows your organization to reduce its electric bills while minimizing its burden on the environment by centralizing control over the power settings of monitors on a network. For FlexScan EV series and other EIZO monitors that support DDC/CI, you can adjust the brightness, turn the Auto EcoView function on and off, and lock the control buttons to prevent tampering with screen settings. You can also switch a PC's primary power and a monitor's secondary power on and off regardless of the manufacturer.

EcoView NET summarizes and displays how much power is saved for each monitor as a result of using it over a specified period of time. It is compatible with various Windows operating systems and is available free of charge. Please see www.eizo.com for details.



EcoView Microsite

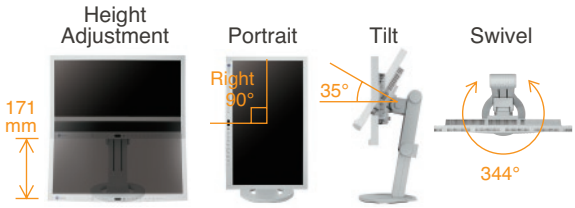
Learn more about how EcoView features and see how much money you can save by comparing your current monitor to an EcoView monitor on this microsite.

http://www.eizo.com/global/ecoview_microsite/

Ergonomics

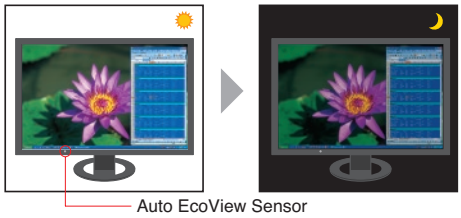
Versatile Positioning

These monitors are available in a choice of two stands: the highly versatile FlexStand (shown below) and the space-saving TriStand. Both stands offer tilt, swivel and height adjustment. The FlexStand also offers portrait rotation, laptop-like screen placement, and 171 mm of height adjustment. The FlexStand features an innovative, bearingless design that reduces mechanical wear and the amount of torque required to adjust height. A quick release feature on the FlexStand allows for easy monitor reconfiguration.



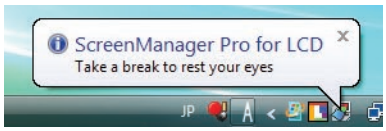
Optimized Brightness with Auto EcoView

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 39%. (See chart to the far right.)



EyeCare Manager

EIZO's EyeCare Manager prompts workers to take scheduled breaks to avoid eye fatigue caused by prolonged monitor use. EyeCare also totals and displays on-screen the monitors' usage hours for each day and month to promote worker appreciation of improved work habits.



EyeCare reminds workers to take regular breaks to prevent eye fatigue.

Environment

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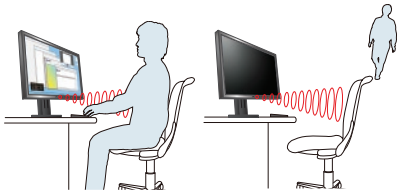
Economy

Presence Sensor for Power Savings

An integrated presence sensor called EcoView Sense prompts the monitor to switch to power save mode when it does not detect your presence for 180 seconds, and then resume normal operation when you return. To prevent the screen from reactivating when it shouldn't, EcoView Sense differentiates between your presence and a still object like an empty chair or general office activity in the background.



Confirm Power Savings with EcoView Index

To encourage environmental awareness while working, a gauge called EcoView Index displays how much power is being saved by using Auto EcoView. The more EcoView Index lights up, the greater the savings.

Compact Design

A space-saving, compact design reduces the number of internal components, making these monitors thinner and lighter than previous FlexScan widescreen models. This allows them to be shipped in smaller boxes which use between 80% to 100% recycled material.

Compared to a previous FlexScan 24" widescreen monitor, the EV series' slimmed-down cabinet design cuts the use and weight of sheet metal components, shown here, by up to 90%.

Environmentally Friendly LED Backlight

The FlexScan EV2313W uses an LED backlight which contains no mercury and uses less power than conventional CCFL backlights. As a result, it consumes only 16 watts of power during normal use and less 0.9 watts in power save mode.

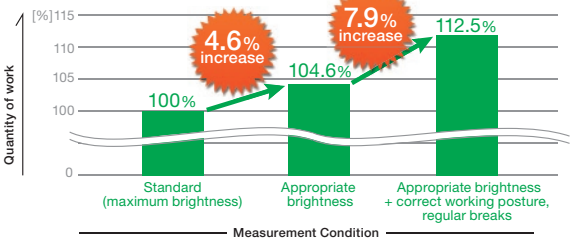
Eco Labeling

Several models comply with the most stringent international labels for ergonomics and energy savings like TCO Displays 5, EPA Energy Star, and EPEAT Gold.

Improved Work Efficiency, Reduced Visual Fatigue

EIZO conducted a survey in 2008 to establish the relationship between eye fatigue and monitor use. The results showed that features like Auto EcoView and ergonomic stands helped reduce eye fatigue and improved work efficiency by 12.5%. For a white paper regarding this study visit www.eizo.com/global/support/wp/pdf/wp_08-001.pdf.

Increases in Quantity of Monitor Work



Lower Power Consumption for Greater Savings

Auto EcoView cuts power consumption by up to 39% compared to operating the monitor at the default brightness of 100%.

Model*	Auto EcoView OFF*	Auto EcoView ON	Power Reduction
FlexScan EV2333W	41 W	25 W	39%
FlexScan EV2313W	24 W	16 W	33%

**Figures for Auto EcoView turned off assume monitors are set to the default factory brightness of 100%.*

5-Year Manufacturer's Limited Warranty

EIZO backs its monitors with a 5-year warranty (touch panel and multitouch monitors have a 3-year warranty). This makes them an investment that pays off over time — doing away with worries of frequent product replacement and resultant downtime.

Full HD Resolution

The 1920 × 1080 native resolution (16:9 aspect ratio) displays all the content of full high-definition video sources such as Blu-ray disks without any horizontal letterboxing.

Preset Modes for Optimum Viewing

Text, Movie, Picture, sRGB, and Custom (user-defined settings) preset modes are included for optimum viewing of different kinds of content. You can switch between modes simply by pressing a button on the monitor's front bezel.

DisplayPort Connectivity

A DisplayPort input allows digital audio and video signal transmission via a single, high-bandwidth cable at distances up to 15 meters without any signal degradation. DVI-D and D-Sub inputs are also included.

Smooth Playback of Moving Images

An overdrive circuit reduces gray-to-gray response time to ensure that moving images look clean and sharp with a minimum of blurring and ghosting.

Built-In Speaker and Headphone Jack

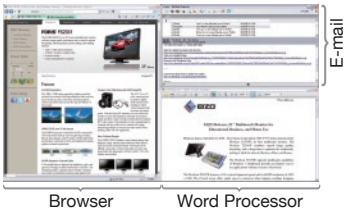
One 0.35-watt internal speaker and a headphone jack are included.

Detailed Color Control

The OSD menu offers a wide array of color adjustment function including brightness, contrast, gamma, saturation, hue, gain, and color temperature from 4,000 K to 10,000 K in 500 K increments.

EIZO ScreenSlicer

This bundled software utility lets you more effectively use your screen through partitioning. Simply drop your windows into configurable partitioned areas and they will be aligned instantly (Windows 7, Vista, and XP compatible).



Software windows aligned in partitioned areas.

ScreenManager Pro

Also bundled, this software lets you adjust your monitor's color with your mouse rather than the OSD menu buttons. You can also set the off timer, adjust speaker volume, and assign a preset mode to a specific application so that mode becomes active whenever the application is in use (Windows 7 and Vista compatible).

		FlexScan EV2333W	FlexScan EV2313W
Panel	Size	23" / 58 cm (584 mm diagonal)	23" / 58 cm (584 mm diagonal)
	Display Size (H × V)	509.8 × 286.7 mm	509.8 × 286.7 mm
	Type	VA (with overdrive circuit)	TN (with overdrive circuit)
	Viewing Angles (H, V)	178°, 178° (at contrast ratio of 10:1)	170°, 160° (at contrast ratio of 10:1)
	Brightness	300 cd/m^2	250 cd/m^2
	Contrast Ratio	3000:1	1000:1
	Response Time (Typical)	Gray-to-gray: 7 ms, black-white-black: 25 ms	Gray-to-gray: 4 ms, black-white-black: 5 ms
	Native Resolution	1920 × 1080 (16: 9 aspect ratio)	1920 × 1080 (16: 9 aspect ratio)
	Pixel Pitch	0.2655 × 0.2655 mm	0.2655 × 0.2655 mm
	Display Colors	16.77 million from a palette of 1.06 billion	16.77 million from a palette of 1.06 billion
	Look-Up Table	10 bits per color	10 bits per color
Video and USB	D-Sub mini 15 pin	•	•
	DVI-D 24 pin	• (with HDCP support)	• (with HDCP support)
	DisplayPort	• (with HDCP support)	• (with HDCP support)
	Analog Scan. Freq. (H, V)	31 – 81 kHz, 55 – 76 Hz	31 – 81 kHz, 55 – 76 Hz
	Digital Scan. Freq. (H, V)	31 – 68 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)	31 – 68 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)
Audio	Speakers	0.35 W speaker	0.35 W speaker
	Input / Output Terminals	3.5 mm stereo jack / 3.5 mm headphone jack	3.5 mm stereo jack / 3.5 mm headphone jack
Power	Power Requirements	AC 100 – 120 V / 200 – 240 V, 50 / 60 Hz	AC 100 – 120 V / 200 – 240 V, 50 / 60 Hz
	Power Consumption	25 W (typical), 45 W (maximum)	16 W (typical), 35 W (maximum)
	Power Save Mode	Less than 1.0 W	Less than 0.9 W
Physical Specifications	Height Adj. Range	With FlexStand: 171.3 mm With TriStand: 60 mm	With FlexStand: 171.3 mm With TriStand: 60 mm
	Tilt / Swivel / Pivot	With FlexStand: 30° Up, 0° Down / 172° Right, 172° Left / 90°; With TriStand: 25° Up, 0° Down / 172° Right, 172° Left / –	With FlexStand: 30° Up, 0° Down / 172° Right, 172° Left / 90°; With TriStand: 25° Up, 0° Down / 172° Right, 172° Left / –
	Dimensions	With FlexStand: 547 × 346.5 – 517.8 × 221 – 236 mm; With TriStand: 547 × 382 – 442 × 200 mm; Without Stand: 547 × 332 × 47.5 mm	With FlexStand: 547 × 346.5 – 517.8 × 221 – 236 mm; With TriStand: 547 × 382 – 442 × 200 mm; Without Stand: 547 × 332 × 44 mm
	Net Weight	With FlexStand: 7.1 kg; With TriStand: 5.5 kg; Without Stand: 4.3 kg	With FlexStand: 6.2 kg; With TriStand: 4.6 kg; Without Stand: 3.4 kg
EcoView Features	Auto EcoView	•	•
	EcoView Index	•	•
	EcoView Sense	•	•
OSD Adjustment Functions	Screen Adjustment	Clock, Phase, Position, Range (Auto), Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity	Clock, Phase, Position, Range (Auto), Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity
	Color Adjustment	Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Overdrive, Reset	Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Overdrive, Reset
	Power Management	Power Save (VESA DPM, DisplayPort Rev. 1.1a, and DVI DMPM), Off Timer	Power Save (VESA DPM, DisplayPort Rev. 1.1a, and DVI DMPM), Off Timer
	Sound	Volume, Power Save, Source (DisplayPort)	Volume, Power Save, Source (DisplayPort)
	Other Settings	Signal Switching, Product Information (name, serial number, resolution, operating time, etc.), OSD Menu Settings, Adjustment Lock, DDC/CI Lock, Languages (English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish), Power Indicator, Reset	Signal Switching, Product Information (name, serial number, resolution, operating time, etc.), OSD Menu Settings, Adjustment Lock, DDC/CI Lock, Languages (English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish), Power Indicator, Reset
	Preset Modes	Fine Contrast (Text, Picture, Movie, sRGB, Custom), Auto Fine Contrast[1]	Fine Contrast (Text, Picture, Movie, sRGB, Custom), Auto Fine Contrast[1]
General	Available Cabinet Colors	Gray, Black	Gray, Black
	Certifications and Standards	TCO Displays 5.0, EPEAT Gold (US), TÜV/Ergonomics (including ISO 9241-307), TÜV/GS, c-Tick, CE, CB, cTÜVus, FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, CCC, GOST-R	TCO Displays 5.1, EPEAT Gold (US), TÜV/Ergonomics (including ISO 13406-2), TÜV/GS, c-Tick, CE, CB, cTÜVus, FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, CCC, GOST-R
	Supplied Accessories	AC power cord, signal cables (DVI-D – DVI-D, D-Sub – D-Sub), audio cable, EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD[1] [DDC/CI], EIZO ScreenSlicer software), setup guide, spec sheet, 4 screws for mount option, warranty card	AC power cord, signal cables (DVI-D – DVI-D, D-Sub – D-Sub), audio cable, EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD[1] [DDC/CI], EIZO ScreenSlicer software), setup guide, spec sheet, 4 screws for mount option, warranty card
	Warranty	Five Years[2]	Five Years[2]

[1] The bundled ScreenManager Pro for LCD is needed to activate Auto Fine Contrast. It is compatible with Windows 7/ Vista. [2] 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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