



Widescreen LCD Monitors

FlexScan® EV2436W

Your TCO and eco footprint have never been smaller.



“EcoView” features of this monitor minimize power usage and improve productivity through better visual ergonomics to keep your running costs in check.



Flicker-Free Images

Due to the way brightness is controlled on LED backlights, many people perceive flicker on their screen which causes eye fatigue. The EV2436W utilizes a hybrid solution to regulate brightness and make flicker unperceivable without any drawbacks like compromising color stability.

Lower Blue Light Reduces Eye Fatigue

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, and helps prevent eyestrain when reading documents.

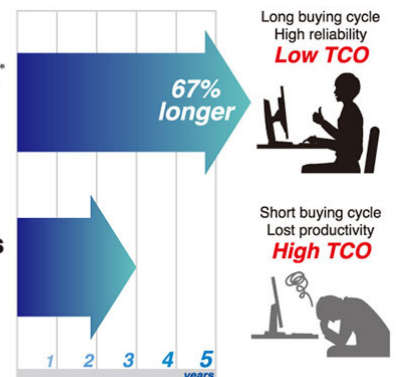


LED Backlights - Less Power, Longer Life

Compared to conventional CCFL backlights, LED backlights last longer and consumes less power. They are also mercury-free to have minimal impact on the environment when they are eventually disposed of.

Built to Save, Built to last

EIZO’s integrated approach to developing, manufacturing, and quality control testing its own monitors allows it to offer the industry’s only five-year manufacturer’s warranty. This is two years or 67 % longer than a standard three-year warranty. Even if the initial purchase price of a FlexScan EcoView monitor is higher, your TCO will likely be lower due to significantly longer buyer cycle and less need for repairs.





Specifications

Cabinet Color	Gray, Black		
Panel	Type	IPS	
	Backlight	LED	
	Size	24.1" / 61 cm (611 mm diagonal)	
	Native Resolution	1920 × 1200 (16:10 aspect ratio)	
	Display Size (H × V)	518.4 × 324.0 mm	
	Pixel Pitch	0.270 × 0.270 mm	
	Display Colors	16.77 million	
	Viewing Angles (H/V, typ.)	178°, 178°	
	Brightness (typical)	300 cd/m ²	
	Contrast Ratio (typical)	1000:1	
Response Time (typical)	6 ms (gray-to-gray)		
Video Signals	Input Terminals	D-Sub mini 15 pin × 1, DVI-D 24 pin × 1 (with HDCP), DisplayPort × 1 (with HDCP)	
	Digital (H, V)	31 – 76 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)	
USB	Analog (H, V)	31 – 81 kHz, 55 – 76 Hz	
	Function	1 port for monitor control 2-port USB hub	
Audio	Standard	USB 2.0	
	Speakers	1.0 W + 1.0 W	
	Input Terminals	3.5 mm stereo jack	
	Output Terminals	3.5 mm headphone jack	
	Sound Adjustment	Volume, Power Save, Source (DisplayPort)	
Power	Power Requirements	AC 100 – 120 V / 200 – 240 V, 50 / 60 Hz	
	Max. Power Consumption	60 W	
	Typ. Power Consumption	19 W	
	Power Save Mode	Less than 0.3 W	
Features & Functions	Power Management	Power Save (VESA DPM, DisplayPort Rev. 1.1a, and DVI DMPM), Eco Timer	
	Preset Modes	FineContrast (Paper, Movie, sRGB, User1, User2)	
	Auto EcoView	Yes	
	EcoView Sense	Yes	
	OSD Languages	English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish	
	Others	Screen Adjustment (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), Signal Switching, Product Information (name, serial number, resolution, operating time, etc.), OSD Menu Settings, Adjustment Lock, DDC/CI Lock, Power Indicator, Reset	
	Physical Specifications	Dimensions (W × H × D)	552.5 × 368 – 499 × 233 mm
		Dimensions (Without Stand, W × H × D)	552.5 × 358 × 57 mm
		Net Weight	6.4 kg
		Net Weight (Without Stand)	4.1 kg
Height Adjustment Range		131 mm (maximum 140 mm)	
Tilt		35° Up, 5° Down	
Swivel		344°	
Certifications & Standards	Pivot	90°	
	Hole Spacing (VESA Std.)	100 × 100 mm	
	TCO Displays 6.0, EPEAT Gold (US), TUV/Ergonomics (including ISO9241-307), TUV/GS, e-Tick, CE, CB, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, China RoHS, CCC, GOST-R		
	Supplied Accessories	AC power cord, signal cables (DVI-D – DVI-D, DisplayPort – DisplayPort), EIZO LCD Utility Disk (PDF user's manual, ScreenManager Pro for LCD [DDC/CI], EIZO ScreenSlicer software), setup guide	
Warranty	Five Years		

¹ Subject to the usage time being 30,000 hours or less from the date of purchase.

Auto EcoView

To prevent eye fatigue, brightness sensor called Auto EcoView detects the changes in the ambient brightness that occur throughout the day and automatically adjusts the screen to the ideal brightness level. Auto EcoView cuts power by almost 40 % compared to operating the monitor at maximum brightness.

Smooth Playback of Moving Images

An overdrive circuit reduces gray-to-gray response time to just 6 ms to ensure that moving images look clean and sharp.

EIZO Nordic AB

Box 5006, SE-19405 Upplands Väsby, Sweden
Visiting address: Löfvängsvägen 14

www.eizo.se

Adjustable to Just 0.2 % of Maximum Brightness

In a dimly-lit work environment, a monitor with low brightness settings will be more comfortable to use. This monitor comes with an LED backlight that allows for adjusting the brightness to just 0.2 % (about 0.6 cd/m²) of the maximum. With typical CCFL backlights the lowest you could adjust to is a much brighter 20 %.

Paper Mode and EyeCare Filter Reduce Eye Fatigue

The paper mode preset simulates the look of printed paper and helps prevent eyestrain when reading documents. When used with EyeCare Filter (available with the bundled ScreenManager Pro software), any of several filter patterns that resembles different types of paper can be applied. You can adjust the density of the filter patterns for maximum viewing comfort.