FlexScan® EV2316W

The energy efficient monitor that means business.

With a design and features that deliver improved visual ergonomics and energy savings, the EV2316W us a great fit for back offices, small offices, and control rooms needing a monitor that is easy on the eyes and keeps running costs in check.
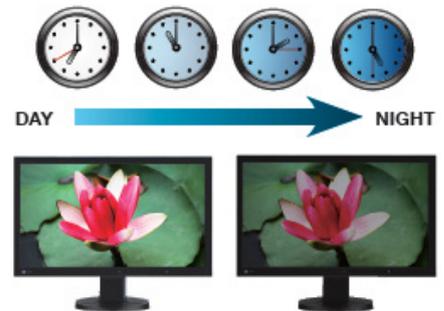
Flicker-Free Images
Due to the way brightness is controlled on LED backlights, many people perceive flicker on their screen which causes eye fatigue. The EV2436W utilizes a hybrid solution to regulate brightness and make flicker unperceivable without any drawbacks like compromising color stability.

Tireless eyes
To prevent eye fatigue, a brightness sensor calles Auto EcoView detects the ambient brightness that occur throughout the day and automatically adjust the screen to the ideal brightness level. Auto EcoView cuts power by almost 40 % compared to operating the monitor at maximum brightness.
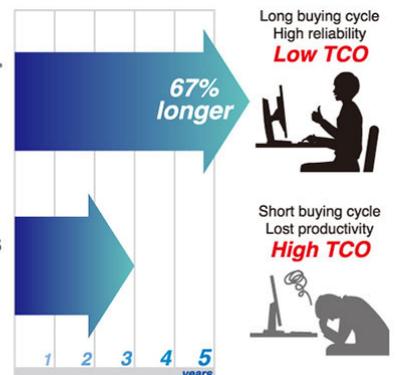
LED Backlights - Less Power, Longer Life
Compared to conventional CCFL backlights, LED backlights last longer and consumes less power. They are also mercury-free to have minimal impact on the environment when they are eventually disposed of.

Built to Save, Built to last
EIZO's integrated approach to devoloping, 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	TN
	Backlight	LED
	Size	23" / 58 cm (584 mm diagonal)
	Native Resolution	1920 × 1080 (16: 9 aspect ratio)
	Display Size (H × V)	509.8 × 286.7 mm
	Pixel Pitch	0.2655 × 0.2655 mm
	Display Colors	16.77 million
	Viewing Angles (H / V, typ.)	170°, 160°
	Brightness (typical)	250 cd/m^2
	Contrast Ratio (typical)	1000:1
	Response Time (typical)	5 ms (black-white-black)
Video Signals	Input Terminals	D-Sub mini 15 pin × 1, DVI-D 24 pin × 1 (with HDCP), DisplayPort × 1 (with HDCP)
	Digital (H, V)	DisplayPort: 31 – 67.5 kHz, 59 – 61 Hz DVI: 31 – 68.0 kHz, 59 – 61 Hz
	Analog (H, V)	31 – 68 kHz, 55 – 61 Hz
USB	Function	1 port for monitor control 2-port USB hub
	Standard	USB 2.0
Audio	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	43 W
	Typ. Power Consumption	14 W
	Power Save Mode	Less than 0.3 W
	Power Management	Power Save (VESA DPM, and DVI DMPM), Eco Timer
Features & Functions	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), Smoothing (5 stages), Border Intensity, Color Adjustment (Brightness, Contrast, Gamma, Temperature, Saturation, Hue, Gain, Reset), Signal Switching, Up View, 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)	540 × 368 – 478.5 × 233 mm
	Dimensions (Without Stand, W × H × D)	540 × 317.5 × 56 mm
	Net Weight	5.4 kg
	Net Weight (Without Stand)	3.1 kg
	Height Adjustment Range	140 mm
	Tilt	35° Up, 5° Down
	Swivel	344°
	Pivot	90°
	Hole Spacing (VESA Std.)	100 × 100 mm
Certifications & Standards (Please contact the EIZO group company or distributor in your country for the latest information.)		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, 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.

Presence Sensor for Energy Savings
A presence sensor called EcoView Sense 2 prompts the monitor to switch to power save mode when you are absent and then power on again when you return. It even works in a multi-monitor setup so all monitors remain on when you are at your desk.

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.

Adjustable to Just 1 % 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 1 % (about 3 cd/m^2) 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.

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