



FlexScan® EV2316W



EIZOs EV2316W offers optimal image quality and not only for office applications. With 1920 x 1080 image points and LED backlight technology, it shows text and graphics in the most precise manner. Because ergonomics are very important for a comfortable job, the EV2316W is equipped to show images at their ideal brightness : AutoEcoView automatically takes care of that ! EcoViewSense and EcoViewOptimizer then take care of energy consumption. These functions switch off the monitor or dim the backlights when it is suitable. Display Port, DVI-D and D-Sub connectors, as well as a USB hub with one up and two down connectors ensure a versatile connection. The EV2316W brings audio through two integrated loudspeakers or through a headphone.

- ◆ 23" Full HD with 16:9 aspect ratio and LED technology in a compact and space saving design
- ◆ Contrast 1000:1, brightness 250 cd/m²
- ◆ AutoEcoView, EcoViewIndex, EcoViewSense and EcoViewOptimizer for maximal energy saving and optimal ergonomics
- ◆ Loudspeakers and headphone connector integrated
- ◆ USB hub with one up and two downstream connectors
- ◆ Display Port, DVI-D and Dsub inputs for digital and analogue signals



EIZO EV2316W

Features

Compact and space saving design

A modern LCD panel with an extremely small border allows a much slimmer housing. The border all around measures a mere 16 mm. Power supply and connectors are neatly integrated into the housing.

Superior Image Quality

With its 1920 x 1080 resolution, a contrast ration of 1000:1 and a 250 cd/m² brightness, you get a first class image quality with bright graphics and structures, as well as very sharp text contours. Whether you are in front of the monitor or aside, whatever kind of image you're watching, you will benefit from an equally high contrast of colours and greyscales up into the corners.

Economic and environment friendly

The mercury-free backlights with economic yet bright LED backlights are one of the EV2316W's assets. At typical use, it only consumes 14 Watt. Obviously, this reduces energy costs and CO₂ emission.

AutoEcoView

The EcoView sensor measures the light in the environment and automatically adjusts the display brightness accordingly. The image brightness is increased in a bright environment and reduced in the dark. Manual brightness control is also possible. The user can also freely select the desired image brightness. The EcoView index indicates how environmentally friendly each setting is.

EcoViewSense

When energy saving becomes important, then the EV2316W excels with its EcoViewSense. When the user leaves his workplace, it automatically switches off, and when he returns, it switches back on. It detects the user before he even touches keyboard or mouse. The monitor is thus always available and does not spill any unnecessary energy when the user is not present.

EcoViewOptimizer

The EcoViewOptimizer measures and controls the white elements in the picture when steering the backlights. At darker images the light emission is reduced, and in this way the consumed energy is reduced by up to 30%. The user controlled brightness is maintained, while the EcoViewOptimizer adapts the colourtone values consequently.

EcoTimer

In order to save energy, EIZO uses several methods : the above, and ... EcoTimer automatically switches the monitor off to off-mode after a laps of time, set by the user. In this way it reduces energy consumption. The power switch on the monitor cuts all energy consumption and thus avoids unnecessary costs and CO₂ emission, unlike other brands.

Precise colour steering

Whitepoint is controlled in between 4.000 and 10.000 K in steps of 500, through colour temperature steering. On top of that, colour saturation (Gain) for RGB colours can be set separately.

Fine Contrast

This function offers various viewing modes with separate settings for brightness, colour temperature and gamma. With one button you set the ideal image for office applications, internet use and images (sRGB). The paper-mode simulates a pleasant contrast and the whitepoint of printed documents. On top of that there are two user modes for personal settings.

Digital and analogue inputs

A Display Port and a DVI-D input allow the connection of digital signals. For analogue signal the EV2316W offers a DSub connector. Up to three computers can simultaneously be connected to the monitor !

USB-Hub

An integrated USB hub allows the connection of peripherals. In this way one could connect mouse and keyboard on the desk.

ScreenManager Pro for DDC

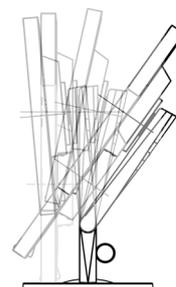
ScreenManager Pro has been developed for a fine-tuning of your monitor through Windows software, as an alternative to the OnScreenDisplay. The signal cable is used for the connection. It is even possible to link specific settings for an application, for example : special sRGB settings will be activated when launching a browser.

Audio

Loudspeaker and headphone connector are integrated in the housing.

FlexStand

Tilt and swivel, high and low, portrait and landscape ... The fluent setting of the height adjustable stand starts at the desk and goes up 14 centimetres. This guarantees optimal ergonomics whether standing or sitting in front of the monitor. Although extremely versatile, the height adjustable stand is very stable.



Certifications



EIZO Europe:

Austria ♦ www.eizo.at
Belgium & Luxemburg ♦ www.eizo.be
Czech Republic ♦ www.eizo.cz

Germany ♦ www.eizo.de
Hungary ♦ www.eizo.hu
Italy ♦ www.eizo.it

Slovakia ♦ www.eizomonitor.sk
The Netherlands ♦ www.eizo.nl
United Kingdom ♦ www.eizo.co.uk

EIZO EV2316W

Specifications

Diagonal	58 cm (23 inch) 16:9 ratio
Model (colour housing)	EV2316WFS3-GY (Light grey) EV2316WFS3-BK (Black)
Viewable size	510 mm (wide) x 287 mm (high)
Viewable diagonal	584 mm
Ideal & recomm. resolution	1920 points x 1080 lines
Pixel distance	0,265 mm x 0,265 mm
Viewable colours	16,7 Million
Max. brightness	250 cd/qm (typical)
Max. darkroom contrast	1000:1 (typical)
Max. viewing angle	Horizontal: 170°; vertical: 160°
LCD technology	TN
Typ. Reaction time	5 ms, black-white-black change
Features	EcoViewSense, AutoEcoView, EcoView-Index, EcoViewOptimizer, HDCP-Decoder, Fine Contrast, On-Screen Display, PowerManager through VESA DPMS, Plug & Play after VESA DDC CI, USB hub, loudspeaker & power supply integrated
Settings	Minimal and maximal brightness, contrast, gamma, colour saturation for RGB, colour temperature, clock, phase, image position, resolution, Eco Timer, OSD language (de, uk, fr, se, es, it) Interpolation
Resolutions	1920 x 1080 full screen, 1:1, 1680 x 1050, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480, enlarged to full screen or 1:1
Horizontal frequency	31 – 68 kHz (Digital: 31 – 67,5 kHz)
Vertical frequency	55 – 61 Hz (Digital: 59 - 61 Hz)
Video bandwidth	148,5 MHz (Digital: 148,5 MHz)
Video connectors	Display Port, DVI (TMDS), RGB Analog
Signal inputs	Display Port, DVI-D and DSub
Plug & Play	VESA DDC CI
Power Management	VESA DPMS, DVI-DMPM
Power consumption	max.* 43 Watt and 14 Watt typical, less than 0,3 Watt in Off-mode, 0 Watt at power switch off
Dimensions (WxHxD)	54 x (34 - 48) x (23) cm
Weight	5,4 kg
Loudspeaker	CE, TÜV GS, TÜV Ergonomie geprüft, ISO 9241-307 Class 1, TCO 6, Energy Star
Loudspeakers	Left and right
Audio input	3,5 mm Stereo connector
Audio output	3,5 mm Stereo connector for headphone
Tilt/swivel	172° left/right, -5 forward, 35° to the back, 90° turn, 14 cm height adjustable
USB hub	1 Up-/ 2 Down-Stream, Rev. 2.0
Accessories in the box	Manual in German, English, French, power and signal cable (DP-DP and DVI-D-DVI-D), ICC colour profile
Service	5 years onsite exchange service

Under reserve of errors 12/13

*At maximal brightness, USB hub and all signal inputs + loudspeakers in use



EIZO Europe:

Austria ♦ www.eizo.at
Belgium & Luxemburg ♦ www.eizo.be
Czech Republic ♦ www.eizo.cz

Germany ♦ www.eizo.de
Hungary ♦ www.eizo.hu
Italy ♦ www.eizo.it

Slovakia ♦ www.eizomonitor.sk
The Netherlands ♦ www.eizo.nl
United Kingdom ♦ www.eizo.co.uk