

EV2216WFS3-BK

Your advantages



The EIZO EV2216W impresses with a modern, bright and energy-efficient LED backlight. Typical power consumption is only 12 watts. The monitor's EcoView functions also save energy by intelligently adjusting the image brightness to the environment, using Auto EcoView and to the image content with EcoView Optimizer. EcoView Sense switches off the monitor whenever possible. EcoView means maximum user convenience, reduced impact on the environment and minimal operating costs. Connectivity is provided through DisplayPort, DVI-D and D-Sub connections, as well as a USB hub with one upstream port and two downstream ports located on the side panel. The EV2216W is targeted at companies and government agencies, but also attracts interest from private users who want a high-quality monitor.

- ✓ 22" with 16:10 format and LED technology in a compact and space-saving design
- ✓ Contrast 1000:1, brightness 250 cd/sq m
- ✓ Auto-EcoView, EcoView Index, EcoView Sense, and EcoView Optimizer for maximum energy-saving and optimal ergonomics.
- ✓ Built-in speaker and headphone connection
- ✓ USB hub with one upstream and two downstream connections
- ✓ DisplayPort, DVI-D, and DSub inputs for digital and analog connection

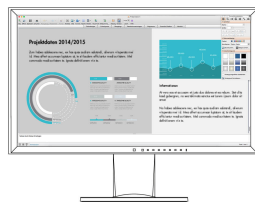
Features

First-class image quality

The monitor boasts a brilliantly sharp resolution of 1680 x 1050 pixels and a high contrast ratio of 1000:1. The TN panels with the latest generation LED backlight deliver a sharp image with a high level of detail and excellent brightness. One special feature is the EIZO UpView function: It ensures that the colors will not appear washed out if you have to look up at the monitor. A phenomenon that arises frequently in conventional TN panel monitors.



Without UpView function



With UpView function

10 bit LUT for precise color control

When it comes down to color nuances, the integrated 10 bit look-up table (LUT) offers considerable advantages: the allocation of color information is considerably more precise than in other 8 bit look-up tables. The color gradations are extremely fine and offer customized configuration options: The color temperature control can be used to adjust white points from 4000 K to 10000 K in 500 K increments. In addition, the color saturation for RGB colors can be configured separately.



Without 10 Bit LUT



With 10 Bit LUT

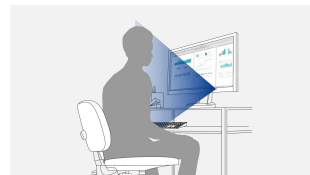
Save electricity and your eyes with Auto-EcoView

Brilliant in all light conditions: The Auto-EcoView function adjusts the brightness of the monitor to the changing ambient light fully automatically by using a sensor. In bright light, it increases image brightness; at darker times, it reduces it. The benefits: Annoying glare is reduced, objects on the monitor will be easier to perceive, and your eyes will not get tired as quickly.

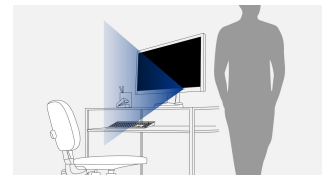
Of course, it is also possible to control the monitor manually. EcoView Index is used for orientation on how environmentally friendly your settings are. In this way, you can control your electricity consumption yourself.

EcoView Sense: Motion sensor as an electricity-saving function

You can use the motion sensor (EcoView Sense) to save electricity and reduce your energy costs. The principle behind this: When you are sitting in front of the screen, the monitor is being used. When you leave your workstation, it automatically switches to energy-saving mode. As soon as you return, it is reactivated – fully automatically thanks to the motion sensor.



Sensor identifies a person at the workstation



Sensor identifies that the workstation has been vacated

Anti-reflection coating: more image, less reflection

The EV2216W offers a surface with optimal anti-reflection coating. By minimizing glare from the spread of the reflected light, the anti-reflection coating effectively protects your eyes from straining. This keeps your eyes from getting as tired and allows you to sit comfortably in front of the screen, without having to sit in a forced position to prevent glare.



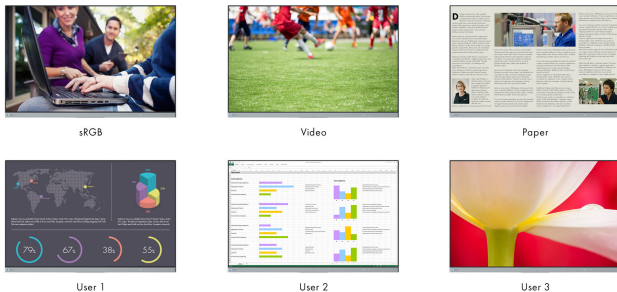
Flicker-free working

The monitor is flicker-free at every brightness setting. This is implemented using the hybrid technology developed by EIZO to control the backlight. This combines the benefits of the otherwise standard PWM (pulse width modulation) and DC (direct current) control. The benefit: Your eyes do not get tired as quickly. You can work on the screen for an extended period.

Features

FineContrast modes: Optimized display at the press of a button

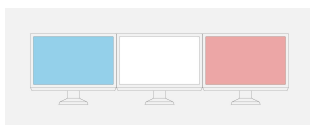
The FineContrast modes make it easier for you to work and look at images, texts, or films. Because when choosing color settings, it makes a difference whether you are looking at a film, editing an image, surfing the net, or writing texts. You can configure the respective presets for brightness, gamma correction, and color temperature at the press of a button. Thanks to the ScreenManager Pro software included, a mode can be allocated to each application, which is activated automatically when the program starts. An example: Paper mode simulates the pleasant contrast of books by reducing the blue light portion. This protects your eyes while reading and stops them from getting tired.



Sample display

ScreenManager Pro: For your personal settings

All FlexScan monitors include ScreenManager Pro software, which can be used to change color and EcoView settings using your mouse and keyboard instead of using the display menu. The signal cable or a USB connection is sufficient. What's more, you can also use the multi-monitor matching function to match all FlexScan monitors connected to the same PC.



Without multi-monitor matching



With multi-monitor matching

Save up to 30% of energy with the EcoView Optimizer

Save electricity without compromising quality: The EcoView Optimizer reduces the background lighting fully automatically

for dark images. This reduces electricity consumption by up to 30%. At the same time, the signal is amplified and the color tone values adjusted. The result: You will enjoy the image quality you are used to but consume less power.

Zero-Watt consumption thanks to the power switch

The monitors have an integrated mechanical power switch, which is extremely practical and energy-saving: If you switch off the monitor using the power switch, the device will stop consuming any power at all. Moreover, it consumes a maximum of 0.30 watt in standby mode.

LED backlight: Economical in consumption, free from mercury

The monitors with an LED backlight help save the environment throughout their entire service life – from manufacturing through operation to disposal. For on the one hand they are characterized by particularly low electricity consumption. The typical consumption is just 12 Watt. On the other hand, they are free from mercury – a substance that is harmful to both humans and the environment and is very difficult to dispose of.



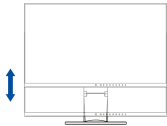
One monitor, many ports

It doesn't get easier than this: You can connect most of your devices, such as PC, laptop or cameras directly to the monitor because the monitor has a number of different ports. That makes your daily work easier.

Features

Flexible base

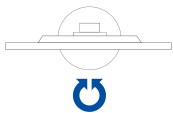
Ergonomic and stable: the adjustable base focuses on ergonomics. The monitor base can be twisted, turned, and tilted so that it is most comfortable for your back, neck, and sitting posture. The height can also be seamlessly adjusted and, depending on the model, lowered to the bottom of the base, allowing you to position the top row of the image ergonomically below eye level.



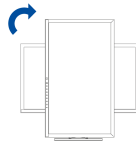
140 mm



Tilt up 35°, tilt down 5°



172°



Rotation 90° clockwise

Five-year warranty

EIZO grants a five-year warranty. This is possible thanks to the highly developed production process based on a simple principle of success: sophisticated and innovative monitor technology, made from high-end materials.



Specification

General

Item no.	EV2216WFS3-BK
Case colors	Black
Solutions	Office
Product line	FlexScan
EAN	4995047043966
Variants	EV2216WFS3-GY (Color: Light gray)

Display

Screen size [inches]	22
Screen size [in cm]	55.80
Format	16:10
Viewable image size (width x height)	474 x 296
Ideal and recommended resolution	1680 x 1050
Pixel Pitch Horizontal [mm]	0.28 x 0.28
Resolution Supported	1680 x 1050, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480
Panel technology	TN
Max. viewing angle horizontal	170 °
Max. viewing angle vertical	160 °
Number of colors or grayscale	16.7 million colors (display port, 8 Bit), 16.7 million colors (DVI, 8 Bit), 16.7 million colors (Dsub, 8 Bit)
Max. color space	sRGB
Max. brightness (typical) [in cd/m²]	250
Max. dark room contrast (typical)	1000:1
Max. refresh rate [in hertz]	60
Backlight	LED

Features

Color palette / look-up table	1.06 billion color tones / 10 Bit
No flickering thanks to hybrid controls	✓
HDCP Decoder	✓
Preset color/grayscale modes	sRGB, Paper, Movie, 2x free modes for user selection
OSD language	de, en, fr, es, it, se, ja, zh
Adjustment options	Brightness, Contrast, Gamma, All EcoView functions, Color saturation, Color temperature, FineContrast, Colour tone, Signal input, Overdrive, Resolution, Audio source, Smoothing, OSD language, Interpolation, Volume
Signal inputs	DisplayPort, DVI-D, Dsub
Video Signal	DisplayPort, DVI (TMDS), RGB Analog
Input Signal Identification	✓
Sync Formats	Separate
Audio Input	3.5 mm stereo jack, DisplayPort
Audio Output	3.5 mm stereo jack
Built-in speakers	✓
USB hub	1 Up-/ 2 Down-Stream, Rev. 2.0

Electric data

Power consumption (typical) [in watt]	12.00
Maximum Power Consumption [in watt]	39
Power Save Mode [in watt]	0.30
Power Consumption Off [in watt]	0
EcoView Sense/Presence Sensor	✓
Auto-EcoView	✓
EcoView-Index	✓
EcoView-Optimizer	✓
Power Supply	AC 100-120 V / 200-240 V, 50/60 Hz
Power Management	VESA DPMS, DVI-DMPM, DisplayPort Version 1.1a, Eco-Timer
Integrated power unit	✓

Certification & Standards

Certification	CE, TÜV/GS, TÜV/Ergonomics, TCO 7, Energy Star, C-Tick, CB, cTÜVus, FCC-B, ICES-003-B (CAN), TÜV/S, VCCI-B, RoHS, WEEE, CCC, GOST-R
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Dimensions & Weights

Dimensions [mm]	500 x 368-479 x 233
Weight [in kilograms]	5.60
Dimensions Without Stand [mm]	500 x 327 x 54
Weight Without Stand [in kilograms]	3.30
Swivel (right/left)	172 °
Incline forward/backward	5 ° / 35 °
Pivot	✓
Height Adjustment Range [mm]	140
Hole Spacing	VESA standard 100 x 100 mm

Software & Accessories

Accompanying software and other accessories are available for download or on a CD	ScreenManager PRO, ScreenSlicer
Additional Supply	Network cable, Signal cable DVI-D - DVI-D, Signal cable DisplayPort - DisplayPort, USB 2.0 cable, Quick guide, EIZO LCD Utility Disk (incl. PDF manual)
Accessory	EIZO ScreenCleaner (for the best possible clean without scratching the monitor), TC-BRACKET-BK (Thin Client bracket for EIZO Flexstand 3 base), PM200-K (DisplayPort cable to transfer digital video and audio signals.)

Warranty

Warranty and service	5 years
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