EIZO S2433W

24“ Widescreen LCD Monitor with 16:10 ratio

Concentrate on the most important – just a glance at image quality and ergonomics of the S2433W and it shows you what it is all about. It offers a 24 diagonal with 1920 x 1200 image points and masters an excellent visualization rich in details. Its overdrive function guarantees fast switching times for the highest quality with moving images. Its wide viewing angle and colours rich in contrast underline the innovative technical equipment. The EcoView functionality ensures a correct brightness and helps to save energy. The advantages: fist class image, the best ergonomics and lower energy costs.

- Widescreen format and SlimEdge Design
- Contrast 1000:1, brightness 360 cd/m², 178° viewing angle
- Wide Gamut LCD with more colours at stronger saturation
- 6 ms switching time grey-to-grey with Overdrive function
- Auto EcoView and EcoView Index
- Integrated speakers
- Display Port , DVI-D- and DSub input for a digital and analogue connection

5 YEARS WARRANTY

EIZO S2433W
Features

SlimEdge, smart and space saving design
A modern LCD panel with very slim bezel ensures an extremely compact housing. The border all around the image only measures 23 mm. The power element and signal inputs are optimally integrated in the monitor.

Exemplary image quality
With ist 1920 x 1200 resolution, a contrast of 1000:1 and a brightness of 360 cd/m² it shows a first class image quality with crisp graphics and structures like sharp text contours. Whether you're in front of the screen or on the side, whatever image you're looking at, an equally high contrast of colours and greyscales is shown up into the edges.

Auto EcoView
The EcoView sensor measures the ambient light and automatically adapts the brightness of the monitor. With bright light, the monitor's brightness is increased, and with darker environments it is reduced. A manual setting of the brightness is also possible. The user can freely set minimal and maximal brightness. There, the EcoView index helps by showing how environmentally friendly the current setting is. Auto EcoView is activated through a quick press on the button.

Overdrive
The switching of image pixels is strongly reduced through a precalculated steering. In this way tone values need on average need only 6 ms. Moving images in fast video sequences, games and 3D CAD animations are now shown at an optimal speed without annoying artefacts.

Wide Gamut
The S2433W's colour space contains much more colours than normal LCD monitors. Images and graphics become more powerful and lively. The monitor shows highly saturated colours that are normally not shown. Users that need many colours and colour differentiation will value the S2433W.

Precise colour steering
The colour representation is guided through an internal 10Bit LookUpTable (LUT). This enables a more precise control of colour information than with generic 8Bit LCD LUT monitors. By means of an integrated colour management one can set colour temperature in steps of 500 from 4.000 and 10.000 K and gamma correction in steps of 0,2 between 1,8 and 2,2. On top of that, colour saturation and intensity for the RGB colours can be set separately.

Contrast enhancer (fine contrast)
Presets for brightness, colour temperature and gamma allow, with one press on the button, ideal viewing conditions for videoclips (Movie), graphics and image processing (Picture), office applications (Text) and Internet. It is also possible to set a self-defined preset or an automatic switching.

Digital and analogue inputs
A Display Port and a DVI-D input allow the connection of digital signals. For analogue signals there is also the DSub connector. In this way one can connect up to three computers simultaneously. The switching can be performed automatically or manually.

USB-Hub
An integrated USB Hub allows to connect peripherals. One can thus connect for example keyboard and mouse onto the monitor.

ScreenManager Pro for DDC
ScreenManager Pro is a software that has been developed for detailed monitor steering over Windows as an alternative to the On Screen Display. The signal cable is sufficient to use it. A linkage of the monitor settings with application software is possible, for example a change in RGB characteristics when one starts the browser.

Audio
Loudspeakers and a headset connector are discreetly integrated in the monitor's housing.

Certifications

EIZO S2433WH
With height adjustable stand

The height adjustable stand with rotation capability allows to turn the monitor to landscape or portrait mode. Programs for word processing or spreadsheets as well as other applications like internet browsers are easier to use in portrait mode. This portrait mode means easier workinig for all as one needs less scrolling when a full A4 page can be shown.

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Specifications

Diagonal	61 cm (24 inch) 16:10 Format
Viewable image	518 mm (wide) x 324 mm (high)
Viewable diagonal	611 mm
Ideal & recomm. resolution	1920 points x 1200 lines
Pixel size	0,27 mm x 0,27 mm
Viewable colours	16,7 Million
Max. colour space	92% NTSC, 92% AdobeRGB
Max. brightness	360 cd/m²
Max. darkroom contrast	1000:1
Max. viewing angle	Horizontal: 178°; vertical: 178°
LCD-Technology	S-PVA
Typ. Mid-Tone reaction time	6 ms
Typ. Reaction time, rise/fall	11/5 ms, black-white transition
Features	Auto-EcoView, EcoView-Index, Overdrive, HDCP-Decoder, contrast-enhancer (fine contrast), On-Screen Display, PowerManager through VESA DPMS, Plug & Play after VESA DDC CI, Loudspeaker & transformator integrated
Settings	Minimal and maximal brightness, contrast, Gamma, colour saturation for RGB, colour temperature, Clock, Phase, image position, resolution, Off Timer, OSD language (German, English, French, Swedish, Spanish, Italian), Interpolation
Resolutions	1920 x 1200 Full screen 1:1, 1600 x 1200, 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 – 94 kHz (Digital: 31 - 78 kHz)
Vertical frequency	55 – 76 Hz (Digital: 59 - 61 Hz)
Video bandwidth	202,5 MHz (Digital: 162 MHz)
Graphic signals	Display Port, DVI (TMDS) , RGB Analogue
Signal inputs	Display Port, DVI-D and D-Sub
Plug & Play	VESA DDC CI
Power Management	VESA DPMS, DVI-DMPM
Power consumption	max.* 95 Watt and 40 Watt typical, less than 1 Watt in Off-Mode, 0 Watt when switched off
Dimensions without stand (WxHxD)	566 mm x 367 x 85 mm
Weight without stand	7,2 kg
Certifications	CE, TÜV GS, TÜV Ergonomie geprüft, ISO 13406-2, TCO03, Energy Star
Loudspeakers	Right and left
Audio in	3,5 mm Stereo
Audio out	3,5 mm Stereo (for headset)
USB-Hub	1 Up-/ 2 Down-Stream, Rev. 2.0
Accessories in the box	Manual in german, english and french, power cable, audio + USB + signal cable (DSub-DSub and DVI-D-DVI-D), ICC colour profile
Service	5 years onsite service

Stand	
Height adjustable stand	Adjustable up to 82 mm, Tilt 40° backwards, Swivel 35° right and left, portrait and landscape
Dimensions :	566 mm x (456 to 538 mm) x 209 mm
Weight:	10,2 kg

Models	
S2433WH-GY	S2433W with stand in light grey
S2433WH-BK	S2433W with stand in black

Under reserve of errors and unintentional omissions 08/09

* at maximal brightness, USB HUB, all signal inputs and loudspeakers in use