



FlexScan® S1933



The 19-inch LCD monitor with a resolution of 1280 x 1024 pixels and a maximum brightness of 250 cd/m² is particularly well suited for universal use in a professional context. The display backlight with efficient but bright, white LEDs is a particularly impressive feature. The S1933 consumes just 12 watts in regular use. With its D-Sub and DVI-D interfaces, the S1933 is equally adept at processing analogue and digital signals. Speakers and headphone jack are integrated into the housing. The monitor uses an automatic brightness control to set itself to match the ambient light.

- Contrast 1000:1, brightness 250 cd/m²
- Energy-efficient, mercury-free LED backlight
- Auto EcoView and EcoView Index for maximum power savings and superb ergonomics
- Integrated speakers and headphone jack
- DVI-D and D-Sub inputs for digital and analogue connections



EIZO S1933



Features

SlimEdge smart and space-saving design The sophisticated LCD module has a very narrow border and is designed for an extremely compact housing. The border around the image is just 13 mm on both sides. Power supply and signal interface are unobtrusively integrated into the unit.

Economical and environmentally-friendly The mercury-free backlight with efficient but bright, white LEDs is a particularly impressive feature of the S1933. It consumes just 12 watts in regular use, which reduces energy costs as well as CO₂ emissions.

Outstanding Image Quality A resolution of 1280 x 1024 pixels, a contrast ratio of 1000:1 and brightness of 250 cd/m² all ensure first-class image quality with clear graphics and structures as well as sharp text contours. No matter if you're sitting directly in front of the display or at an angle, the entire screen always has superb colour and greyscale contrast, down to the corners.

Auto-EcoView An EcoView sensor measures the light in the environment and automatically adjusts the display brightness accordingly. The image brightness is stronger in the case of bright illumination and it is reduced in the dark. It is also possible to control brightness manually. The EcoView index indicates how environmentally friendly each setting is.

Precise colour control Colour reproduction is controlled via an internal 10-bit look-up table (LUT). This enables a more accurate gradation of colour information than conventional 8-bit LUTs. Colour temperature control allows the white balance to be set at 5000, 6500, and 9300 K. In addition, the colour saturation (gain) for RGB colours can be configured separately.

FineContrast Settings for brightness, colour temperature and gamma provide ideal viewing conditions for word processing and spreadsheets (text) as well as graphic processing and surfing the Internet (sRGB), all at the push of a button. The EyeCare mode ensures ergonomic, low image brightness for working in dark rooms. 'Paper' mode simulates the pleasing contrast and white balance of printed documents. It is even possible to program your own, individual default setting and have the monitor switch automatically to it.

Digital and analogue inputs One DVI-D input and one D-Sub input enable the simultaneous connection of two computers. All signals are synchronised automatically.

ScreenManager Pro for DDC The ScreenManager Pro is used for convenient monitor control using software via the Windows interface as an alternative to the on-screen display. The signal cable is all that is required for connection. It is even possible to link monitor settings with user applications, for example, switching to sRGB display properties when accessing the browser.

Audio-enabled Speakers and headphone jack are discreetly integrated into the housing.

Test marks

Specifications

Diagonal	48 cm (19 inches) TFT LCD
Models (housing colour)	S1933H-GY (light grey) S1933H-BK (black)
Visible image size	376 mm (width) x 301 mm (height)
Visible diagonal	481 mm
Ideal and recommended resolution	1280 pixels x 1024 lines
Dot pitch	0.294 mm x 0.294 mm
Displayable colours	16.7 million
Max. brightness	250 cd/m ²
Max. dark room contrast	1000:1
Max. viewing angle (contrast)	Horizontal: 178°; vertical: 178°
LCD technology	IPS
Typical reaction time, grey-grey	14 ms
Features	Automatic image size and position, On-Screen Display, PowerManager by VESA DPMS, Automatic Brightness Control, Plug & Play acc. to VESA DDC2B, eco timer, integrated power supply
Configuration options	Brightness, colour mode, colour saturation for RGB, colour temperature, clock, phase, image position, resolution, OSD language (German, English, French, Swedish, Spanish, Italian), interpolation
Resolutions	1280 x 1024 full image 1:1, 1024 x 768, 800 x 600, 720 x 400 640 x 480, enlarged to full image
Horizontal frequency	31–80 kHz (digital: 31–64 kHz)
Vertical frequency	50–75 Hz (digital: 59–61 Hz)
Video bandwidth	135 MHz (digital: 108 MHz)
Graphic signals	RGB analogue (including sync on green) DVI (TMDS)
Signal inputs	DVI-D and D-Sub 15
Plug & Play	VESA DDC CI
Power management	VESA DPMS, DVI-DMPM
Power consumption	max.* 24 watts, typically 12 watts, less than 0.5 watts in Off mode
Dimensions (WxHxD)	405 mm x (406–506 mm) x 205 mm
Weight	5.9 kg
Rotatability/tilt range	Tiltable 30° to the back, rotatable 35° to the right and left, portrait and landscape mode
Height adjustability	100 mm
Test marks	CE, TÜV GS, TÜV certified ergonomics, TCO 6.0, Energy Star, ISO 9241-307
Speakers	Left and right
Audio input	3.5 mm stereo jack
Audio output	3.5 mm stereo jack (for headphones)
Accessories included	Manual in German, English and French, power, audio and signal cable (D-Sub->D-Sub and DVI-D->DVI-D), ICC colour profile
Service	Five years on-site replacement service

* at maximum brightness and when both signal inputs and speakers are in operation



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