



EIZO S2133

21" LCD monitor

The 21-inch EIZO S2133 display in 4:3 aspect ratio impresses with its IPS LCD and a modern, bright and energy-efficient LED backlight, which has up to 420 cd/m². Typical power consumption is just 13 watts. The monitor also saves energy with Auto EcoView by intelligently adjusting the image brightness to the environment. The EcoView Optimizer regulates the backlight according to image content thus reducing power consumption at the same time. The S2133 means maximum user convenience, reduced impact on the environment and minimal operating costs. It is targeted at companies and government agencies, but also attracts interest whenever a high-quality monitor is required.

- ◆ 4:3 aspect ratio and IPS LCD in a compact, space-saving design
- ◆ Brightness 420 cd/m², contrast 1500:1, 178° viewing angle
- ◆ 6 ms grey-grey changeover time thanks to overdrive function
- ◆ Auto EcoView, EcoView Index, EcoView Sense and EcoView Optimizer for maximum power savings and superb ergonomics
- ◆ USB hub with one upstream and two downstream ports
- ◆ DisplayPort, DVI-D and D-Sub inputs for digital and analogue connection



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Features

Outstanding Image Quality A resolution of 1600 x 1200 pixels, a contrast ratio of 1500:1 and brightness of 420 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.

Economical and environmentally friendly The mercury-free backlight with efficient but bright, white LEDs is a particularly impressive feature of the S2133. It requires just 13 watts in regular use. This reduces energy costs as well as CO² emissions.

Auto EcoView The EcoView sensor measures the ambient light and automatically adjusts the display brightness accordingly. The image brightness is increased in a bright environment and reduced in the dark. Alternatively, you can manually select the desired image brightness. The user can freely determine minimum and maximum image brightness. The EcoView index indicates how environmentally friendly each setting is.

EcoView Optimizer EcoView Optimizer analyses and responds to the white portion of the image content to control the display backlight. When the displayed content is dark, the light emission is reduced so that power consumption decreases by up to 30%. The image brightness defined by the user is nevertheless maintained at all times, as EcoView Optimizer also controls the hue values.

Eco Timer EIZO uses two methods to save energy: After a predefined time, Eco Timer automatically switches the monitor into standby mode, reducing power consumption. The power switch, located directly on the monitor, switches the power supply off completely and therefore minimises unnecessary CO² emissions as well as costs.

Overdrive The precalculated Overdrive function accelerates pixel conversion to a level where the changeover time between different hue values is a mere 6 ms on average. Moving images in fast video sequences, games and 3D CAD animations are displayed at a stunning speed and without any annoying delays.

Precise colour control Colour temperature control allows the white balance to be adjusted at intervals of 500 between 4,000 and 10,000 K. In addition, the colour saturation (gain) for RGB colours can be configured separately.

FineContrast This function offers a wide range of display modes with various default settings for brightness, colour temperature and gamma. It provides ideal display configurations for office applications, Internet and images (sRGB) at the push of a button. The 'Paper' mode simulates the pleasing contrast and white balance of printed documents. In addition, two user modes are also available for customised settings.

Digital and analogue inputs A DisplayPort and a DVI-D input enable the connection of a wide variety of digital signals. A D-Sub input is available for analogue signals. Up to three computers can be connected at the same time.

USB hub An integrated USB hub enables the connection of peripheral devices. For example, a keyboard and mouse can be connected to the monitor right on the desk.

Test marks



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



Specifications

Diagonal	54 cm (21.3 inches) TFT LCD
Models (housing colour)	S2133-GY (light grey) S2133-BK (black)
Visible image size	432 mm (width) x 324 mm (height)
Visible diagonal	540 mm
Ideal and recommended resolution	1600 pixels x 1200 lines
Dot pitch	0.270 mm x 0.270 mm
Displayed colours	16.7 million
Max. brightness	420 cd/m ² (typical)
Max. dark room contrast	1500:1 (typical)
Max. viewing angle	Horizontal: 178°; vertical: 178°
LCD technology	IPS
Typical response time	20 ms, black-white-black changeover
Typical mid-tone reaction time	6 ms
Features	Auto EcoView, EcoView Index, EcoView Optimizer, Overdrive, HDCP decoder, FineContrast, On-Screen Display, PowerManager by VESA DPMS, Plug & Play via VESA DDC CI, USB hub and integrated power supply
Configuration options	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	1600 x 1200 full image 1:1, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480 All enlarged or 1:1
Horizontal frequency	24–80 kHz (digital: 31–76 kHz)
Vertical frequency	49–76 Hz (digital: 59–61 Hz)
Video bandwidth	162 MHz (digital: 162 MHz)
Graphic signals	DisplayPort, DVI (TMDS), RGB analogue
Signal inputs	DisplayPort, DVI-D (24-pin), D-Sub (VGA)
Plug & Play	VESA DDC CI
Power management	VESA DPMS, DVI-DMPM, EIZO MPMS
Power consumption	max.* 45 watts, typically 13 watts, less than 0.3 watts in standby mode, 0 watts when power switch is OFF
Dimensions (WxHxD)	465 mm x (453 mm–535) x 209 mm, 465 mm x 361 mm x 64 mm (without stand)
Weight	8.6 kg, 5.6 kg (without stand)
Rotatability/tiltability	35° right/left, 40° to the back, 90° rotatable
Height adjustability	82 mm
Test marks	CE, TÜV GS, TÜV certified ergonomics, ISO 9241-307, TCO 6.0, Energy Star
USB hub	One upstream/two downstream, rev. 2.0
Accessories included	Manual in German, English and French, utility disk screen manager, power cable, signal cable (D-Sub->D-Sub), signal cable (DVI-D->DVI-D), USB cable, ICC colour profile
Service	Five-year on-site replacement service



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