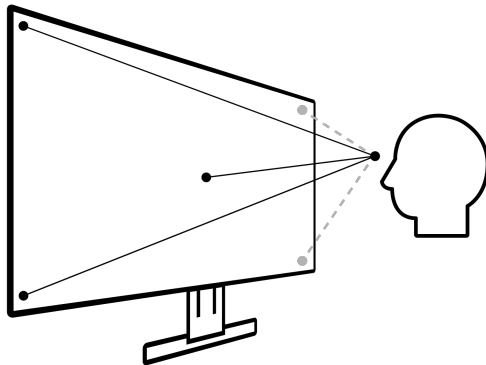# CS2410

Your advantages

The ColorEdge CS2410 is the perfect introduction to the EIZO graphics monitor series. The 24-inch monitor is designed specifically for creative professionals working exclusively in the sRGB gamut. The painstaking factory calibration enables immediate, out-of-the-box use for colour-accurate editing of photos and videos as well as graphic design. The 16-bit look-up table, DUE for uniform image display, and quick and easy hardware calibration using ColorNavigator make this model a true ColorEdge, a highly precise and reliable tool for photographers, digital artists and graphic designers.

- ✔ IPS panel with LED technology, contrast 1000:1, brightness 300 cd/m^2, resolution 1920 x 1200

- ✔ 100% sRGB gamut

- ✔ 16-bit LUT for exact hardware calibration of brightness, white balance and gamma

- ✔ Digital Uniformity Equalizer for excellent luminance distribution and colour purity

- ✔ Immediate use possible thanks to EIZO factory calibration

- ✔ DisplayPort, DVI-D and HDMI inputs

- ✔ ColorNavigator software available for free download

- ✔ Recommended optional accessories: measurement sensor for hardware calibration and CH2400 light protection shield
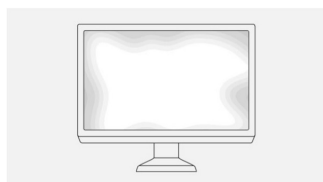
Features

Excellent image quality for sharp images

The screen convinced with a resolution of 1920 x 1200, an impressive contrast ratio of 1000:1 and a brightness of 300 cd/m2. So you are able to edit graphics and images pixel accuracy. And: the textures are clear and pricsely. The LCD panel with IPS technology enables a viewing angle of 178 degrees, ensuring that hues and contrast remain stable for the viewer.

Constant tone value over the entire screen

Digital Uniformity Equalizer (DUE) controls all tone values over the entire monitor, pixel by pixel. The effect: colour tones appear identical at each point on the screen, without the brightness fluctuations you experience in conventional LCDs. You will enjoy consistently even luminance distribution and perfect colour purity. A real plus when touching-up images.

Digital Uniformity Equalizer (DUE)   Digital Uniformity Equalizer (DUE)
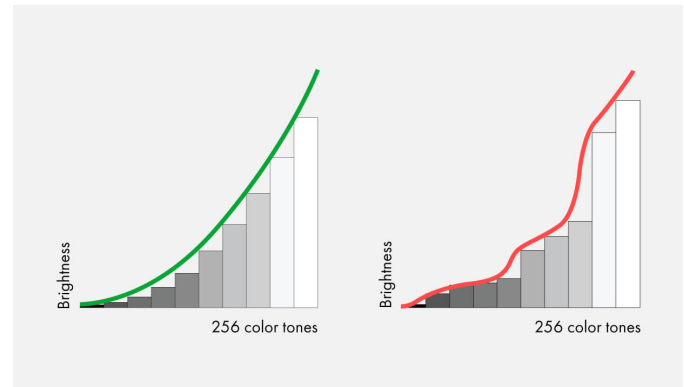
Flicker-free working

The monitor is flicker-free at every brightness setting. The benefit: Your eyes do not get tired as quickly. You can work on the screen for an extended period.
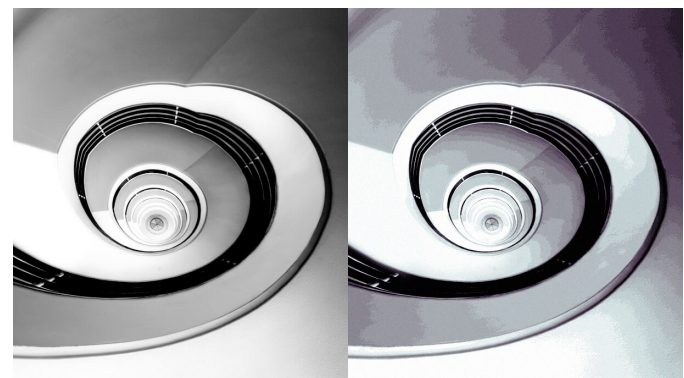
High resolution look-up table

Thanks to the 16-bit look-up-table, the CS2410 offers precise resolution of image signals. Colour nuances and image structure are not lost, particularly in the case of dark hues. This reliable

and precise reproduction reduces calibration steps, saving valuable production time.

Ideal gamma curve   Uncorrected gamma curve

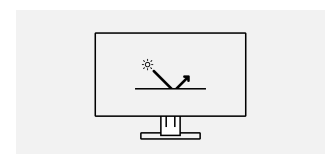EIZO monitor   Other monitor

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 hasa number of different ports. That makes your daily work easier.

Perfect anti-glare coating

The IPS panel has optimal anti-glare coating. It diffuses the reflected light to minimise glare, protecting your eyes from strain. In addition, the monitor provides for a wide viewing angle without any distracting reflections. This is particularly advantageous when multiple people are seated in front of the same monitor.

EIZO monitor: anti-glare coating   Conventional monitor: undesirable reflections

Features

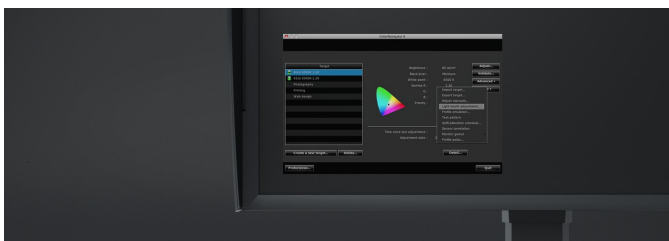### Exact colour reproduction – factory calibration

With LCD panels, the image display can vary from module to module. That is why each ColorEdge monitor is precisely measured and calibrated in the factory. The gamma curves for the red, green and blue channels are tested according to strict parameters and corrected if necessary. This unique EIZO factory calibration enables the user to start using the monitor with the preset gamut right out of the box. In addition, the factory calibration allows the user to quickly recalibrate the monitor if needed using ColorNavigator.

Hardware calibration with EIZO ColorNavigator

Precise image editing is only possible on monitors that are calibrated on a regular basis. The standard software calibration process is time-consuming and often results in reduced display quality. The CS2410 is calibrated using the ColorNavigator hardware calibration software, which can be downloaded for free.

Using ColorNavigator, you can carry out loss-free calibration quickly and in just a few steps. Advanced users can enter target values for white balance, brightness and hue curve (gamma/EOTF) as well as other calibration settings. The calibration is then carried out automatically based on the factory settings, making the calibration process unique in its speed and precision.
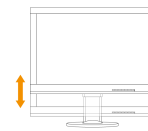

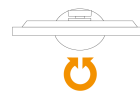The ColorNavigator saves the calibration directly in the monitor's look-up-table.

Ergonomic and stable: the adjustable base

The CS2410 has a flexible base to adjust the height, tilt, and rotation and supports both portrait and landscape use. The moni-

tor can be tailored to the user's needs. For example, he can set a sitting position that is ergonomic for him (e.g. lowered to the bottom) or a position to show clients and colleagues something on the screen.
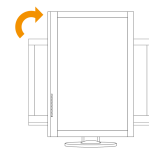

Height
155 mm

Tilt
Tilt up 35°, tilt down 5°

Swivel
344°

Rotation
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.	CS2410
Case colors	Black
Areas of application	Photography, design & media
Product line	ColorEdge
EAN	4995047054245

Display

Screen size [in inches]	24.1
Screen size [in cm]	61.1
Format	16:10
Viewable image size (width x height)	518.4 x 324
Ideal and recommended resolution	1920 x 1200
Pixel pitch [mm]	0.27 x 0.27
Resolution supported	1920 x 1200, 480i (@ 60 Hz), 480p (@ 60 Hz), 720p (@ 60 Hz), 1080i (@ 60 Hz), 1080p (@ 60 Hz), 1200p (@ 60 Hz), 576i (@ 50 Hz), 576p (@ 50 Hz), 720p (@ 50 Hz), 1080i (@ 50 Hz), 1080p (@ 50 Hz), 1200p (@ 50 Hz), 1080p (@ 30/25/24 Hz)
Panel technology	IPS
Max. viewing angle horizontal	178 °
Max. viewing angle vertical	178 °
Number of colours or greyscale	16.7 million colours (display port, 8 Bit), 16.7 million colours (HDMI, 8 Bit), 16.7 million colours (DVI, 8 Bit)
Colour palette/look-up table	278 trillion colour tones / 16 Bit
Max. colour space (typical)	AdobeRGB (80%), sRGB (100%)
Max. brightness (typical) [in cd/m²]	300
Recommended brightness [in cd/m²]	120
Max. dark room contrast (typical)	1000:1
Typical response time [grey/grey alternation]	14 ms
Max. refresh rate [in hertz]	60
Backlight	LED

Features & control

Hardware calibration of brightness, white point and Gamma/EOTF	✔
Preset colour/greyscale modes	sRGB, 3x Calibration, 1x free mode for user selection
Digital Uniformity Equalizer	✔
Signal range amplifier (HDMI)	✔
Noise suppression (HDMI)	✔
HDCP Decoder	✔
Input signal identification	✔
OSD language	de, en, fr, es, it, se, ja, zh
Adjustment options	Brightness, Gamma, Colour saturation, Gain, 6 Colours, Image size, Input Colour Format, Input Range, Signal Detection, Menu Rotation, Noise Reduction, Colour temperature, Gammut clipping, Colour tone, Signal input, OSD language, DUE priority
Button Guide	✔
Integrated power unit	✔

Ports

Signal inputs	DisplayPort (HDCP 1.3), HDMI (Deep Colour, HDCP 1.4), DVI-D (HDCP 1.4)
USB specification	USB 3.1 Gen 1
USB upstream ports	1 x type B
USB downstream ports	3 x type A (1 x 10.5 W battery charging function)
Video signal	DisplayPort, DVI (TMDS), HDMI (YUV, RGB)

Certification & standards

Certification	CE, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3 (B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE

Electric data

Frequency	HDMI: 15-78 kHz/23-63 Hz; DisplayPort: 26-78 kHz/23-63 Hz; DVI-D: 26-78 kHz/23-63 Hz
Power consumption (typical) [in watt]	18
Maximum Power Consumption [in watt]	57
Power Save Mode [in watt]	0.6
Power consumption off [in watt]	0
Energy-efficiency class	A+
Annual energy consumption [in kWh]	29
Power supply	AC 100-240V, 50/60Hz

Dimensions & weights

Dimensions [mm]	554 x 396-551 x 245
Weight [in kilograms]	7.9
Swivel	344 °
Incline forward/backward	5 ° / 35 °
Pivot	✔ 90°
Height adjustment range [mm]	155
Hole spacing	VESA standard 100 x 100 mm

Software & accessories

Accompanying software and other accessories are available for download	ColorNavigator
Additional supply	Power cord, Signal cable DisplayPort - DisplayPort, Signal cable HDMI - HDMI, USB cable, Quick guide
Accessories	EIZO ScreenCleaner (for the best possible clean without scratching the monitor), CH2400 (Monitor hood for CS2410, CS2420), TC-BRACKET3-BK (Thin Client mount in black for EIZO FlexStand 3 stand), ST-USBC-DP-CABLE (Startech signal cable for USB-C™ to DisplayPort connections), PM200-K (DisplayPort cable to transfer digital video and audio signals.), EX4 (Colorimeter for ColorEdge monitor calibration)

Warranty

Warranty and service	5 years warranty*

Terms

*) The length of the warranty for the LCD module is five years from the date of purchase or 30,000 operating hours, depending on which happens sooner.**) Zero pixel error guarantee for completely lit sub-pixels (partial pixels ISO 9241-307). Valid: six months from the purchase date.