



[→ Product Website](#)

The ColorEdge CS2731 unites precision, colour fidelity and cutting-edge connectivity. Convenient functionalities such as monitor signal transmission, rapid data transfer and the power supply feature for connected notebooks or tablets are enabled with just one USB-C cable. This makes the monitor the central dock for any graphic workflow. As an integral component of the digital creation process, the CS2731 supports creatives like photographers, filmmakers and designers. The wide gamut (99% Adobe RGB), 16-bit look-up-table and precise factory calibration of the hardware-compatible graphics monitor allows you to get an unadulterated look at your image files. The Digital Uniformity Equalizer ensures a uniform image display via the entire display surface and makes the CS2731 the ideal monitor for sophisticated creatives with high standards.

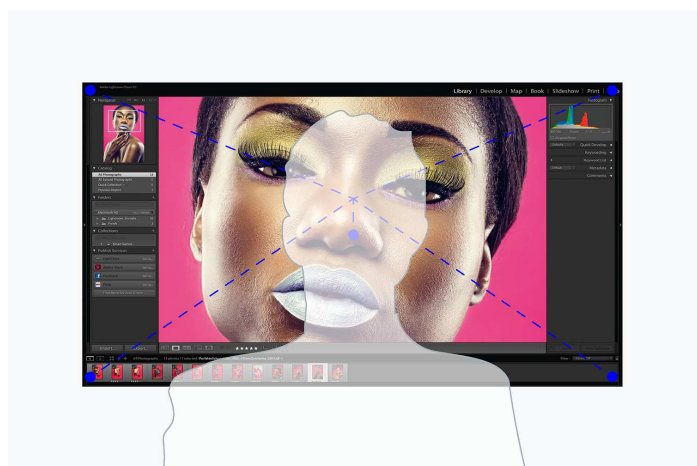
- ✓ 27-inch wide gamut LCD with 2560 x 1440 pixels (WQHD) to deliver ultra-sharp details
- ✓ EIZO microchip ensures precise, consistent and lasting colour display
- ✓ Wide gamut covering 99% of the Adobe RGB colour gamut
- ✓ Precise hardware calibration of brightness, white balance and gamma
- ✓ Digital Uniformity Equalizer for top-rate luminance distribution and colour purity
- ✓ Colour precision ensured via 16-bit look-up-table and up to 10-bit colour reproduction
- ✓ USB-C (DisplayPort signal channel and power supply up to 60 W), DisplayPort, DVI-D and HDMI ports
- ✓ USB hub with two 5Gbps (USB 3) and two USB 2 downstream ports
- ✓ ColorNavigator calibration software available for free download
- ✓ Recommended optional accessories: measuring device for hardware calibration and monitor hood
- ✓ 5-year warranty for highest investment security

Precision and color accuracy

High-contrast, bright and crisp screen

Outstandingly sharp image quality

The monitor has an impressive top resolution (2560 x 1440), a very good contrast ratio of 1000:1 and a brightness of 350 cd/m². For example, you can edit graphics and images down to the pixel. As an added benefit, text contours are clear and precise. The LCD panel with the IPS (Wide Gamut) panel allows for a viewing angle of 178 degrees. Ensuring that hue and contrast remain stable for the viewer.



FOR SATURATED COLORS

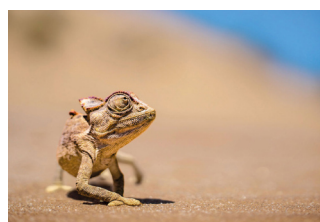
Wide gamut color space

To be able to use the entire colour spectrum of modern cameras, you need a monitor with the largest possible colour space. Only then is it possible to visually assess and edit the saturated hues contained in the file. That is why the IPS panel of the ColorEdge CS2731 covers, for example, the wide AdobeRGB photo gamut as well as the CMYK print gamut ISO-Coated V2 to more than 99 %. This means that the full colour spectrum of modern cameras is represented unaltered and without gaps. And a precise simulation of the print result in the softproof view is also guaranteed.

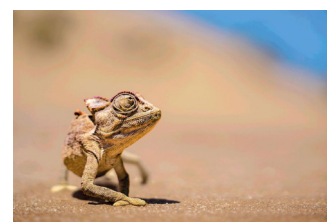


Smooth and fluid transitions and gradients thanks to 16-bit LUT and 10-bit mode

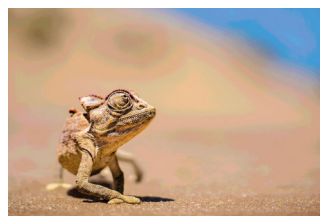
The LUT (look-up-table) on the CS2731 employs internal calculations with 16 bits for an extremely high colour depth and outputs the signals with up to 10 bits. This provides billions of hues for calculating the precise monitor display, effectively preventing display errors caused by the monitor such as banding or clipping, which can result in tonal breaks in gradients or unnecessary colours in greyscale. Even fine nuances and structures in dark or highly saturated areas of the image can be displayed in a differentiated and detailed manner.



10 bit (LUT: 16 bit)



8 bit (LUT: 16 bit)

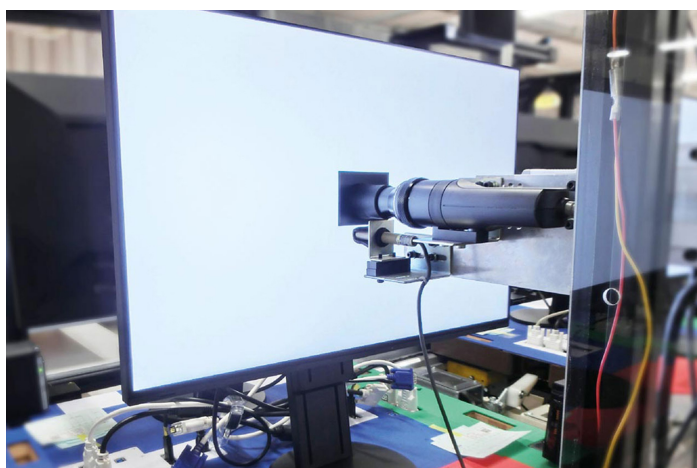


8 bit (LUT: 8 bit)

READY TO USE RIGHT OUT OF THE BOX

Perfect settings right from the factory

Every ColorEdge CS2731 is individually measured and optimally configured in the factory, enabling it to be used immediately after it has been unboxed. To this end, the gamma curves for the red, green and blue channels are closely checked and corrected, if necessary. This unique EIZO factory calibration enables the user to start using the monitor with the preset gamut range right out of the box. This painstaking calibration at the factory ensures that the user can quickly recalibrate the monitor if needed using ColorNavigator.



PERFECT RENDERING ACROSS THE ENTIRE SCREEN

Digital Uniformity Equalizer

Each individual monitor panel is precisely measured over the entire surface at the EIZO factory. Any inhomogeneities in brightness and unnecessary colour are detected and removed. This process (Digital Uniformity Equalizer) guarantees that identical colours always look the same across the entire surface of the monitor, no mat-

ter where they are displayed. Only in this way is precise image processing and retouching possible.



With DUE



Without DUE

FAST, EASY AND LOSSLESS

Hardware calibration without any compromises

It is essential that the monitor is regularly calibrated to ensure that it always displays the same file in the same way over its entire service life. To do so, all ColorEdge monitors employ lossless hardware calibration. Unlike software calibration, which always involves the risk of loss of display quality, hardware calibration not only creates an adjustment profile for the graphics board but also calibrates the monitor's LUT (look-up-table).



COLORNAVIGATOR

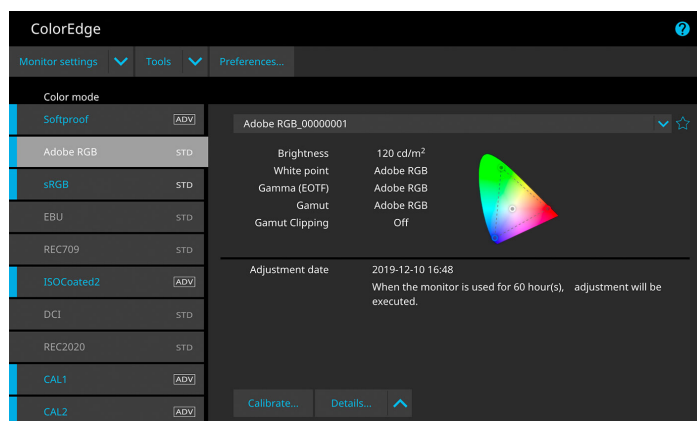
EIZO software for fast calibration and printing

Each monitor ages and changes its display properties. This is why graphics monitors, which require an absolutely constant image display over the entire service life, must be regularly calibrated and adjusted. With the free calibration software ColorNavigator 7 from EIZO, the ColorEdge CS2731 can be adjusted within 90 seconds (measured with a MacBook Pro and EX4), easily and without any losses. This is to ensure that the same image still looks the same on the monitor five years from now.

[More information on the EIZO ColorNavigator](#)

The free Quick Color Match software helps users, even without in-depth expertise in colour management, to see on the monitor how their images will look when printed on their Canon or Epson inkjet printer at home. In this way, the images can be optimised for the special properties of the selected photo paper even before printing, which helps users avoid expensive misprints.

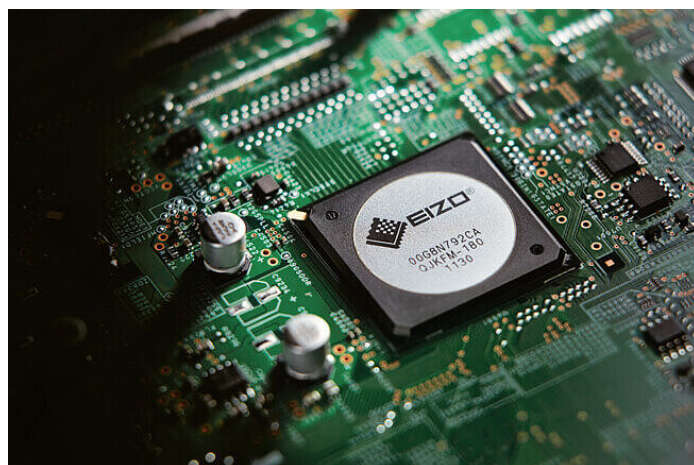
[More information on Quick Color Match](#)



FOR OPTIMIZED COLOR REPRODUCTION

EIZO microchip

The CS2731 has a high-quality microchip (ASIC, Application-Specific Integrated Circuit), which EIZO developed especially for the special requirements involved in work demanding high colour accuracy. This microchip is the brain of a ColorEdge as it guarantees the precise, uniform and constant image display that is the hallmark of EIZO.

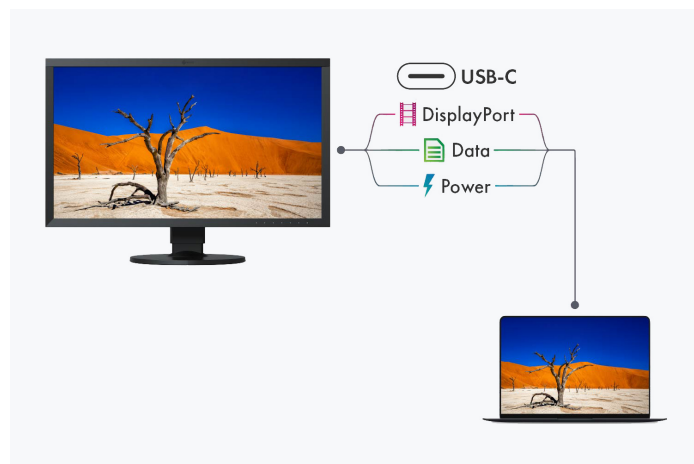


Variety of ports Best connectivity

Streamlined connection with USB-C

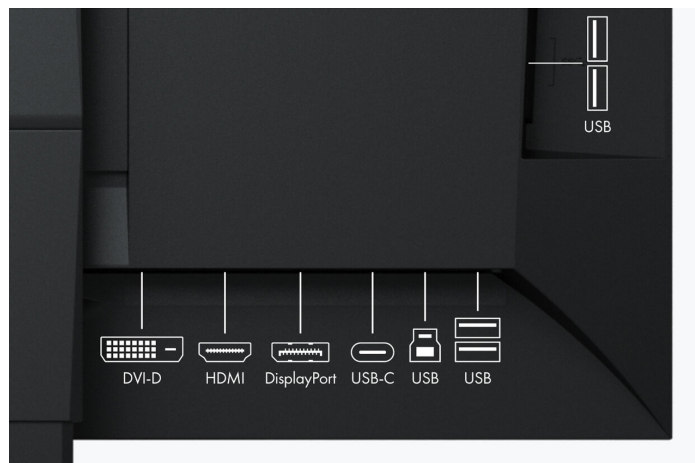
Image signal, USB data transfer as well as power supply with up to 60 W, all this and more can be realised with a single USB-C cable. This makes the ColorEdge CS2731 the central dock of the graphic workflow. Peripheral devices such as a mouse, keyboard or printer can be connected directly to the USB-A ports. Mobile devices such as laptops or tablets can even be charged via the USB-C cable with up to 60 W via the USB-C cable. In this way, a laptop and CS2731 can be turned into a fully-fledged desktop workstation with a quick flick of the wrist.

[Read more about USB-C in the EIZO Academy.](#)



One monitor, many ports

The CS2731 supports a wide range of video formats via USB-C, HDMI and DisplayPort interfaces. This means that the monitor can not only be integrated into PC-based workflows but can also be used with HDMI feeders.



TWO PCS, ONE CONTROL

KVM switch

It has never been easier to operate different PCs with a single mouse and keyboard. Thanks to the USB upstream ports, the CS2731 has an integrated KVM (Keyboard Video Mouse) switch. The monitor automatically links the webcam, microphone, speakers, mouse and keyboard to the currently active source computer. This means, for example, that a desktop PC and laptop or business and private PC can each be operated on the same combination of monitor USB devices. This ensures uninterrupted working and a tidy workspace.

Ergonomics

Working in a relaxed manner

FOR THE SAKE OF THE EYES

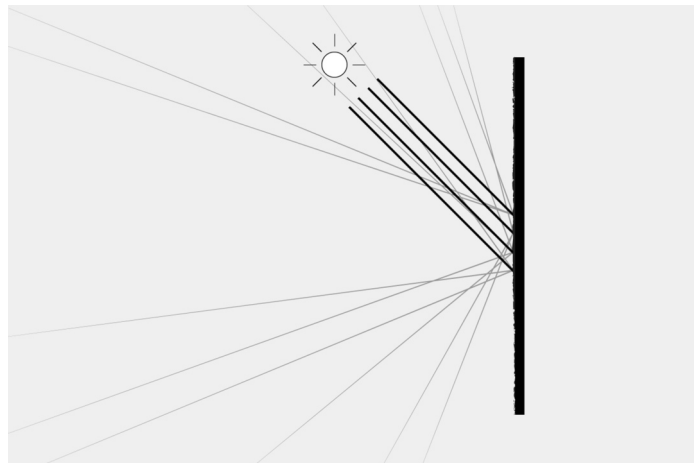
Flicker free

The monitor is flicker-free at every brightness setting. This is great for users, as their eyes will not tire as quickly, allowing them to work in front of the screen for longer periods of time without fatigue.

Anti-glare coating: more image, less reflection

The CS2731 offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the CS2731

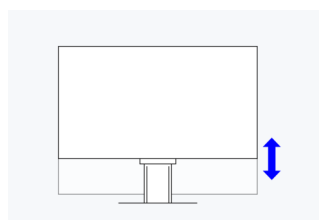
effectively protects your eyes from straining. This keeps your eyes from getting as tired and allows you to sit comfortably in front of the monitor, without having to sit in a forced position to prevent glare.



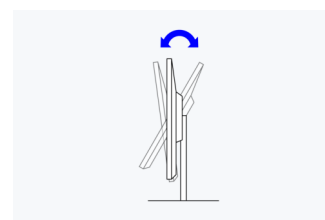
Ergonomic stand

Our screens offer continuous height adjustment. Depending on the model, they can even be lowered to the base plate of the stand. This guarantees the best possible ergonomics, regardless of whether the user is sitting or standing in front of the screen. You can also swivel, rotate and tilt the monitor base to the position that is most comfortable for your posture.

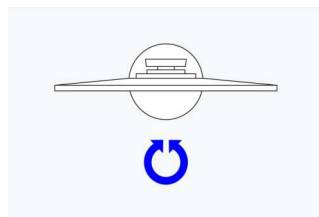
The CS2731 can also be rotated into the portrait format, which is a great advantage for tethered shoots of people in the portrait mode, for example.



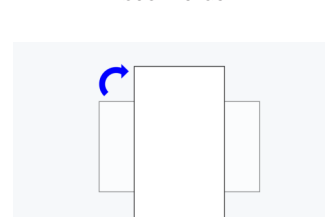
Height
155 mm



Tilt
Between 5° forwards and 35° backwards



Swivel
344°



Rotation
clockwise

Customised key assignment

Depending on the model, up to two sensor buttons on the front can be assigned functions from the on-screen menu. The advantage: you have direct access to frequently used features.

Sustainability

Environmentally and socially conscious production

Sustainable and durable

The CS2731 is designed for a long service life that takes into account the entire lifecycle and impact on the environment. It is generally well above the five-year guarantee. Spare parts are available up to five years after the end of production. The monitor's long service life and the ability to repair it save resources and the climate. When designing the CS2731 we paid attention to reducing resource consumption by using high-quality components and materials and being meticulous in production.

Socially responsible production

The CS2731 is produced in a socially responsible way. It is free of child labour and forced labour. Suppliers along the supply chain have been carefully selected and they have also committed themselves to produce in a socially responsible way. This applies in particular to conflict minerals. We present a detailed report about our social responsibility annually and voluntarily.

Environmentally and climate friendly

Each CS2731 is manufactured in our own factory, which implements an environmental and energy management system in accordance with ISO 14001 und ISO 50001. This includes measures to reduce waste, wastewater and emissions, resource and energy consumption, as well as to encourage environmentally conscious behavior among employees. We publicly report on these measures on an annual basis.



Warranty

Highest investment security

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 technology, made from high-end materials.



Technical Data

GENERAL	
Item no.	CS2731
Case color	Black
Areas of application	Photography, Video & Graphics
Product line	ColorEdge
Areas of application	Photography, image editing and retouching, Design, creation and illustration, Textile and fashion industry
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047054580
SCREEN	
Screen size [in inches]	27
Screen size [in cm]	68,5
Format	16:9
Viewable image size (width x height) [in mm]	596,7 x 335,7
Ideal and recommended resolution	2560 x 1440
Pixel pitch [in mm]	0,233 x 0,233
Pixel density [in ppi]	109
Supported resolutions	2560 x 1440, 1920 x 1200, 1200p (@ 60 Hz), 1200p (@ 50 Hz), 1080p (@ 60 Hz), 1080i (@ 60 Hz), 1080p (@ 50 Hz), 1080i (@ 50 Hz), 1080p (@ 30/25/24 Hz), 720p (@ 60 Hz), 720p (@ 50 Hz), 576p (@ 50 Hz), 576i (@ 50 Hz), 480p (@ 60 Hz), 480i (@ 60 Hz)
Panel technology	IPS (Wide Gamut)
Max. viewing angle horizontal [in °]	178
Max. viewing angle vertical [in °]	178
Number of colors or greyscale	1.07 billion colors (USB-C, 10-bit), 1.07 billion colors (HDMI, 10 Bit), 1.07 billion colors (DisplayPort, 10 Bit), 16.7 million colors (DVI, 8 Bit)
Color palette/look-up table	278 trillion color tones / 16 Bit
Max. color space (typical)	DCI P3 (>95%), AdobeRGB (>99%), sRGB (100%)
Max. brightness (typical) [in cd/m²]	350
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	10
Max. refresh rate [in Hz]	60
Backlight	LED
CONNECTIONS	
Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)
USB specification	USB 5Gbps (USB 3)
USB upstream ports	1 x type C (DisplayPort Alt Mode, 60 W max.), 1 x type B
USB downstream ports	4 x Typ A (2 x 5Gbps (USB 3), 2 x USB 2)
Graphic signal	USB-C, DVI Single Link (TMDS), DisplayPort, HDMI (RGB, YUV)
FEATURES & OPERATION	
USB-C docking	✓
KVM switch	✓
Hardware calibration of brightness and luminance characteristics	✓
Preset color/greyscale modes	AdobeRGB, sRGB, additional memory spaces through calibration
Digital Uniformity Equalizer (homogeneity correction)	✓
No flickering	✓
I/P conversion	✓
Noise suppression (HDMI)	✓
HDCP Decoder	✓
Gamut Clipping	✓
Automatic signal input recognition	✓
On-screen menu languages	de, en, fr, es, it, se
Adjustment options	Color Mode, Brightness, Contrast, Color temperature /White point, Gamma, Colour tone, Color saturation, 6 Colors, Color matrix YUV/RGB, Input Range, Menu Rotation, OSD language, Signal input, DUE priority
Button Guide	✓
Integrated power unit	✓
ELECTRICAL DATA	
Frequency	USB-C/DisplayPort: 26-89 kHz/23-61 Hz; HDMI: 15-89 kHz/23-61 Hz; DVI-D: 26-89 kHz/23-61 Hz
Power consumption (typical) [in watts]	34
Maximum Power Consumption [in watts]	159 (at maximum brightness and operation of all signal and USB ports as well as full charging power)
Max. Power consumption in stand-by mode [in watts]	1
Power consumption with power switch off [in watts]	0
Energy efficiency class	G
Energy consumption/1000h [in kWh]	36
Power supply	AC 100-240V, 50/60Hz
Max. USB-C Power Delivery [in Watt]	60
DIMENSIONS & WEIGHT	
Dimensions (incl. stand) (width x height x depth) [in mm]	638 x 404,1-559,1 x 265
Weight (incl. stand) [in kg]	10.1
Weight (without stand) [in kg]	6.5
Dimension drawing (PDF)	Dimension drawing (PDF)
Rotatability of the stand [in °]	344
Tiltability forwards/backwards [in °]	5 / 35
Pivot between portrait / landscape	clockwise
Height adjustment range [in mm]	155
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

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

Accompanying software and other accessories are available for download	ColorNavigator, ColorNavigator Network
Other box contents	Signal cable HDMI - HDMI, USB/signal cable (USB-C - USB-C), Power cord, Manual via download, Quick guide
Accessories	EX5 (External calibration sensor for ColorEdge monitors in conjunction with the ColorNavigator 7 color management software.), PM200-K (DisplayPort cable to transfer digital video and audio signals), PP200-K (DisplayPort cable), CH2700 (Monitor hood for EIZO ColorEdge monitors)

WARRANTY

Warranty periode	5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.
Included warranty	Zero pixel defects guarantee; no fully illuminated sub-pixels (sub-pixels ISO 9241-307) for six months from date of purchase.

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