



# ColorEdge graphics monitors

Working with the best



# The best tool for the best results: ColorEdge monitors from EIZO.

You do not achieve spectacular results with an average monitor. For this reason, we have developed ColorEdge graphics monitors. These monitors not only impress; they set entirely new standards.

Thanks to their unique precision, wide gamut and absolutely uniform brightness, ColorEdge graphics monitors reproduce every detail of your image file with lasting accuracy and colour consistency. This is extremely important because it's not the viewer's visual impression but the file that is sent, posted on the web or printed. This unaltered view of the file is also the prerequisite for a meaningful soft-proof view, so that you can see in advance how your file will look when printed later on – What you see is what you get. We have ensured that each individual ColorEdge is shipped perfectly adjusted through our EIZO factory calibration. And thanks to the fast and lossless hardware calibration, you just have to make sure it stays that way.

Whether you are working on photos, graphics or films, ColorEdge monitors make sure that you can fully focus on your creative process. And there is more. We create tools that combine an unbeatable complete package of hardware, software, know-how and experience with a lot of passion and care.

EIZO's broad and carefully differentiated product portfolio means that customers can find individual monitor solutions that perfectly meet their requirements. EIZO is known around the world for its high-end monitors that are in a class of their own. And that's why we also offer our standard extra-long five-year EIZO warranty on our ColorEdge models. Our durable and long-lasting quality products are

our active contribution to sustainability. Fair working conditions and responsible use of resources are two other points that shape our entrepreneurial actions.

You see, with our ColorEdge monitors we can make you a simple yet decisive promise:

**Working with the best. EIZO.**



Perfect results can only be achieved with a precise tool.

A graphics monitor offers numerous technical features that make it the ultimate device with the precision needed for photography, film production, printing, image editing, colour grading and countless other visual tasks. A ColorEdge monitor from EIZO has all these features and more.

#### Lossless hardware calibration

Hardware calibration enables the perfectly precise display of ColorEdge monitors to be maintained throughout their entire life cycle.

#### Elaborate factory calibration

Each ColorEdge is individually measured and optimally configured at the factory. 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 allows you to start using the monitor with the preset gamut right out of the box.

Our precise calibration at the factory further ensures that recalibration of the monitor using ColorNavigator (p.16) is a quick and easy process.

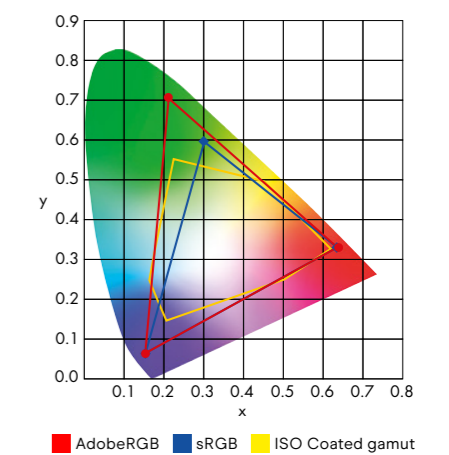
#### Digital Uniformity Equalizer (DUE)

Provides a homogeneous display of colour and brightness across the entire screen.

#### Wide gamut

Our ColorEdge monitors offer very high coverage of the relevant standard colour ranges (such as AdobeRGB or DCI-P3). This also guarantees a precise soft-proof preview of com-

mon print colour ranges (ISO Coated, for example).





# Achieve this above all else: more than you expected.

**The two ColorEdge series from EIZO:  
always the perfect solution for your requirements.**

The better the tool, the better you can focus on the creative process. Our ColorEdge graphic monitors have been specially developed to meet the high demands of creative users. We have divided them into two series: the CS and CG series.

The CS series offers demanding users the perfect tool for professional work. The monitors of the CG series take this one step further. They are top-of-the-line pros that deliver the maximum in usability, performance and features. To satisfy

the highest demands – and even surpass them. Read on to learn more about the high colour accuracy of the EIZO ColorEdge series and find the model that perfectly meets your needs.



# CS + CG

series series



Basic monitors  
that satisfy  
professional demands



High-end monitors  
that satisfy the most  
exacting demands





# You don't have to be a professional to work professionally.

**For all creative professionals who demand absolute accuracy, the CS series is the perfect solution and the perfect entry-level technology for professional image and video editing.**

Given their impressive display quality and extremely precise colour differentiation, the CS models ensure an unaltered view of the image file and reliable soft-proof viewing – even for video applications. You

benefit from precise image reproduction. For example, the softproof view will show you on the monitor exactly what your fine art print will look like, which is also the basic prerequisite for precise colour grading

of film material. This makes the CS series the perfect platform for reliable image and video editing results.

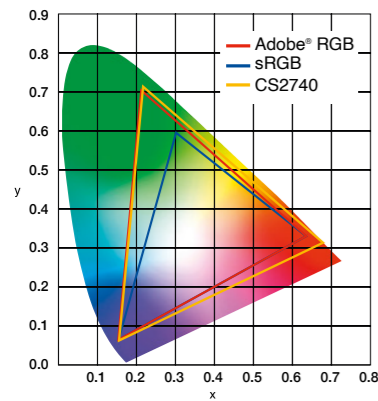




# Key features: CS series

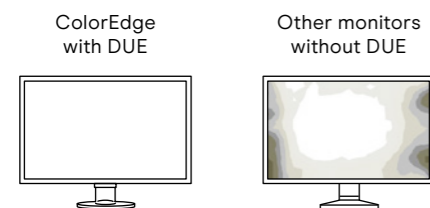
## Gamut<sup>1</sup>

Wide coverage of relevant gamuts such as AdobeRGB and DCI-P3 for reliable softproof views for use in fine art printing.



## Digital Uniformity Equalizer (DUE)

Homogeneous display of colour and brightness across the entire screen. The colour and brightness of every ColorEdge monitor are measured in numerous segments at the factory. Any inhomogeneities that are caused by technical issues are corrected in each LCD panel for lasting results.

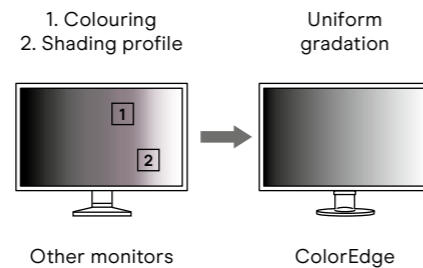


## Soft transitions

16-bit look-up-table (LUT) for completely smooth display of gradients, with no colour changes or banding.

## Factory calibration

Highly precise, customised set-up of colours and tone curve with tightly knit grid points, and in every primary colour.



## 10-bit representation<sup>1</sup>

The 10-bit representation enables over one billion different hues – 64 times more than when using 8 bits.



## 4K resolution<sup>2</sup>

Very high pixel density of 164 ppi displays images in outstanding detail.



## Hardware calibration

Hardware calibration directly in the monitor look-up table: quick, easy and lossless. Calibration is based on the factory calibration, making it unique in terms of precision and speed. It takes less than two minutes to calibrate with the EIZO EX4 in standard mode.

## Presets

Standard gamuts such as sRGB or AdobeRGB<sup>1</sup> are installed and calibrated at the factory.

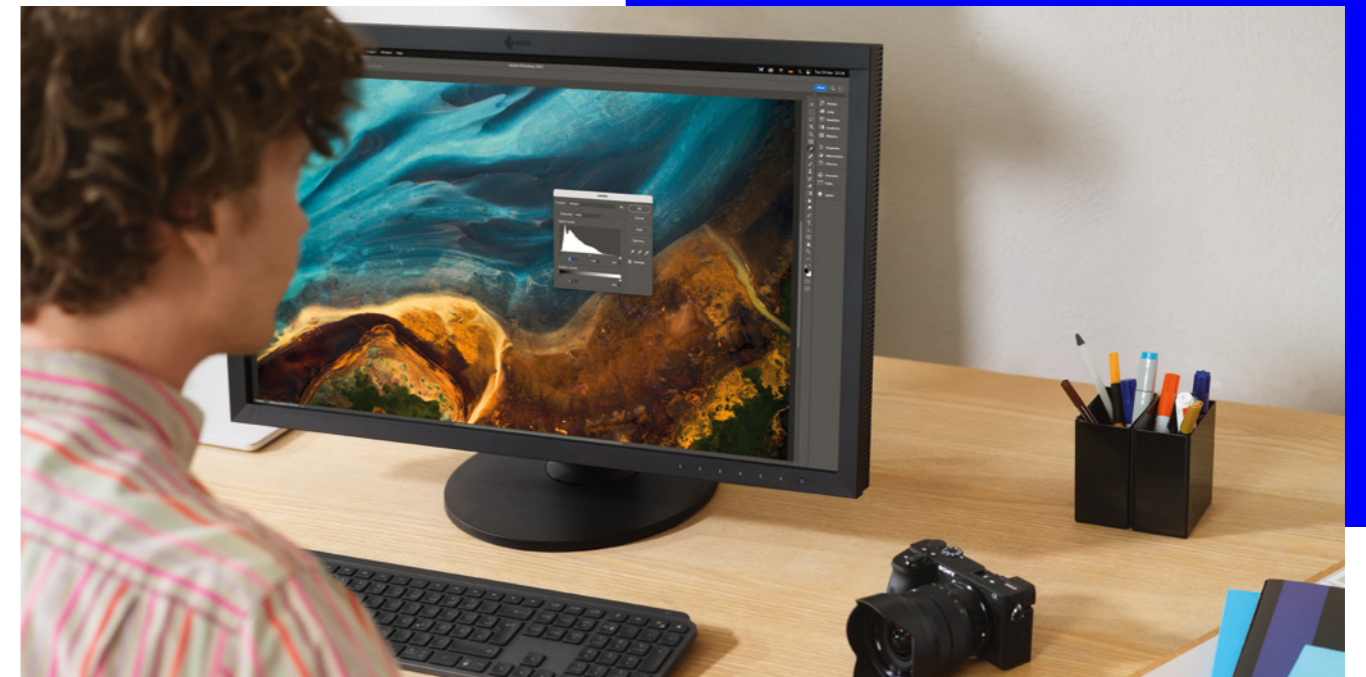
## ColorNavigator

Simple, precise EIZO software for hardware calibration of ColorEdge monitors, making for precisely customised colour reproduction to meet the exact requirements for the intended use.

## Advanced connectivity with USB-C<sup>3</sup>

One port supports the video signal and data connection and delivers up to 60 watts of power.

<sup>1</sup>Except for CS2410.  
<sup>2</sup>CS2740.  
<sup>3</sup>CS2731 and CS2740.



## Ergonomics

A flexible stand allows you to adjust the height of the monitor, tilt or swivel it and switch between portrait and landscape formats.

## Antireflection coating

The IPS panel boasts a top-quality anti-reflection coating. The reflected light is diffused, which prevents glare. The wide viewing angle guarantees minimal changes in colour and contrast.

## Flicker-free working

The screen remains flicker-free at all brightness settings, reducing eye strain.

## Five-year warranty

EIZO provides a five-year warranty with an on-site replacement service.

## Support for progressive and interlaced signal formats

Full and interlaced signal formats as well as refresh rates of 60, 50, 30, 25 and 24 Hz for various typical resolutions are supported. Interlaced formats are converted to full image display.

## EIZO microchip for optimized colour reproduction

All ColorEdge models feature a high-quality microchip (ASIC, Application-Specific Integrated Circuit), which EIZO developed especially for the special requirements involved in work demanding high colour accuracy.



## Accessories



### Light protection hood (CH2400)

For use with CS2410 and CS2420.

### Light protection hood (CH2700)

For use with CS2731 and CS2740.

The light protection hood is included in the scope of delivery for monitors in the CG series.

### Calibration sensor EX4

The ideal calibration sensor for CS series monitors.





# Colour consistency has a name: CG monitors from EIZO.

The latest technology – the most innovative features – the best equipment. We proudly introduce our CG series.

Are you extremely demanding when it comes to quality, performance and features? You are a true professional and therefore need to rely on professional tools? Then a monitor of the CG series from EIZO is the perfect choice. It offers many innovative special features and highly useful additional functions that enable you to edit images with great precision.

A standard light protection hood and the high-contrast True Black LCD panel ensure excellent display quality and rich black, while the built-in sensor takes care of regular calibration fully automatically – giving you total peace of mind. Your monitor can calibrate itself. There's nothing you need to worry about.

And thanks to the unique temperature-controlled colour and brightness stabilisation, your ColorEdge monitor of the CG series works with maximum precision after just a few minutes.

Use a CG monitor in 4K resolution for the most impressive image experience. Our outstanding ColorEdge

CG319X sets the standard in size and resolution with its DCI 4K resolution. Together with the 27-inch model, the ColorEdge CG2700X allows you to get an ultra-sharp impression of your images on your monitor for an ideal print preview or native viewing and editing of 4K video content. 'Working with the best' at its very best.

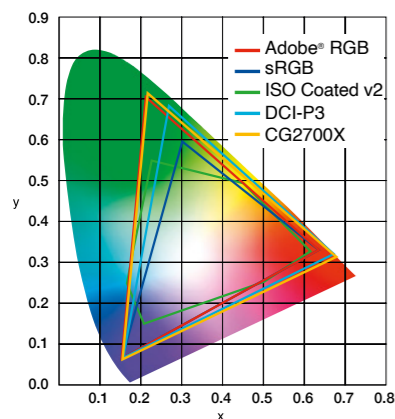




# Key features: CG series

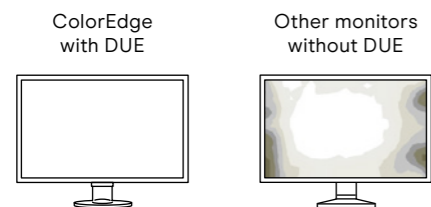
## Gamut

Wide coverage of relevant colour ranges such as AdobeRGB and DCI-P3 as well as the printing colour ranges ISO Coated.



## Digital Uniformity Equalizer (DUE)

Homogeneous display of colour and brightness across the entire screen.



## Soft transitions

16-bit look-up-table (LUT) for completely smooth display of gradients, with no colour changes or banding.

## 10-bit representation

The 10-bit representation enables over one billion different hues – 64 times more than when using 8 bits.

## 4K resolution<sup>1</sup>

Extremely high pixel density of up to 164 ppi displays images in outstanding detail.



## True Black

True Black improves the contrast ratio, resulting in deeper black levels, especially when viewing the monitor from the side.

## Factory calibration

Highly precise, customised set-up of colours and tone curve with tightly knit grid points, and in every primary colour.

## Hardware calibration

Hardware calibration directly in the monitor's look-up table: quick, easy, lossless and with excellent colour precision. Calibration is based on the factory calibration, making it unique in terms of precision and speed.

## 3D-LUT<sup>2</sup>

The 3D LUT delivers the most precise gamma and exact colour tone reproduction, ensuring a consistent colour temperature throughout the entire greyscale range. Devices with 3D LUT allow the use of 3D LUT profiles in film production.

## Cutting-edge connectivity with USB-C and LAN<sup>3</sup>

One port supports the video signal and data connection and delivers more than 90 watts of power. A stable connection to the wired network can be established via the integrated Ethernet port.

<sup>1</sup>CG2700X and CG319X.  
<sup>2</sup>Except for CG2420.  
<sup>3</sup>CG2700S and CG2700X.  
<sup>4</sup>Except for CG319X.

## Built-in calibration sensor

The sensor integrated into the bezel is perfectly tailored to the monitor, allowing for automatic calibration and guaranteeing maximum colour precision with a minimum of user intervention. The monitor does not even need to be connected to a computer for self-calibration to work.

## Presets

Depending on the model, standard colour modes such as AdobeRGB, sRGB, BT.2020, BT.709 and DCI-P3 are preconfigured at the factory.

## HDR presets<sup>2</sup>

The HDR presets for BT2100 with PQ and HLG gamma are installed at the factory. This allows HDR content to be correctly displayed, edited and assessed within the maximum brightness of the monitor.

## Features for filmmakers<sup>2</sup>

Features such as the safe area marker, the luminance or gamut warning support filmmakers during shooting or in post-production.

## Rapid stabilisation

Automatic, temperature-dependent calibration of colour drift during monitor operation. It takes just three minutes of warm-up time for brightness, colour and tone to stabilise.



## Support for progressive and interlaced signal formats

Full and interlaced signal formats as well as refresh rates of 60, 50, 30, 25 and 24 Hz for various typical resolutions are supported. Interlaced formats are converted to full image display.

## CMYK validation<sup>2</sup>

Validation of the proof workflow that also accounts for the used software.

## Light protection hoods

The light protection hood (included in the shipment) limits the light falling on the monitor from above and the sides, thereby reducing reflections on the screen. This ensures that you will view a precise representation of the image file that is largely free from distortions caused by external disturbances.

## Antireflection coating

The IPS panel boasts a top-quality anti-reflection coating. The reflected light is diffused, which prevents glare. The wide viewing angle guarantees high colour and contrast stability.

## Flicker-free working

The screen remains flicker-free at all brightness settings, reducing eye strain.

## Ergonomics

A flexible stand allows you to adjust the height of the monitor, tilt or swivel it<sup>4</sup>, and switch between portrait and landscape formats<sup>4</sup>.

## ColorNavigator

Simple, precise EIZO software (PC and Mac) for hardware calibration of ColorEdge monitors, making for customised colour reproduction to meet the exact requirements for the intended use.

## Five-year warranty

EIZO provides a five-year warranty with an on-site replacement service.



# Features in comparison – from all-rounders to multi-talents

# Because you never stop getting better.



## Reliable colour reproduction

		Built-in self-calibration sensor	◆	◆
		Grey balance calibration and CMYK validation using integrated sensor	CG2700S	◆
◆	◆	Custom factory calibration	◆	◆
◆	◆	ColorNavigator	◆	◆
		True Black LCD panel	◆	◆
CS2420, CS2731	◆	Wide gamut	◆	◆
CS2420, CS2731	◆	10-bit display	◆	◆
	◆	4K resolution		◆
		Colour reproduction stabilises more quickly	◆	◆
◆	◆	Consistent brightness and colour reproduction (DUE)	◆	◆

## Connectivity

CS2731	◆	USB-C	CG2700S	CG2700X
CS2731	◆	Power delivery	CG2700S	CG2700X
		Ethernet port	CG2700S	CG2700X

## Post-production

		3D look-up table (LUT)	CG2700S	◆
	◆	Presets for SDR-HLG and PQ gamma curves	CG2700S	◆

## Scope of delivery

		Light protection hood included	◆	◆
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The EIZO Academy provides you with an extensive range of video tutorials, technical articles, seminars and workshops. Join us on the Lofoten Islands or in Namibia – our experts give you extensive tips on monitor adjustment, colour management and soft-proofing in our two video series of the Colourclass series. They also impart in-depth knowledge on numerous topics relating to photography. In addition,

there are technical articles brimming with detailed monitor knowledge. All about the EIZO Academy and the current dates of our seminars, workshops and webinars can be found at: [www.eizo.academy](http://www.eizo.academy)



**ColorEdge Ambassadors: They are professional photographers, design experts, filmmakers, and other creatives who make outstanding work and inspire many people with what they create.**

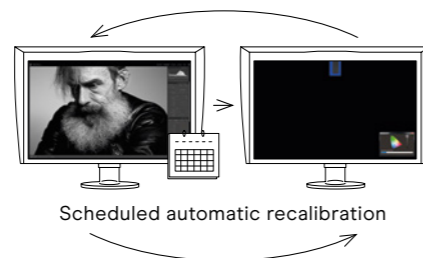
EIZO collaborates with them closely, developing excellent new ideas for how to make EIZO products even more effective in practice. We invite you to delve into the world of our ColorEdge ambassadors and to find inspiration in their work.





# Precise calibration – with ColorNavigator.

**‘Working with the best’ also implies always working with the best software.**



ColorNavigator allows you to conveniently perform all adjustments of your ColorEdge monitor. Adjustment targets can be created and managed quickly and easily. This allows you to adjust your monitor perfectly based on the environmental conditions at your workplace and also adapt it to changing lighting situations. A range of colour modes are stored in the monitor's memory and can be adjusted and calibrated with the aid of ColorNavigator.

There are three different methods for switching between the different colour modes: via the mode button on the monitor, via ColorNavigator or by clicking the ColorNavigator icon in the task bar. In all three cases, the correct ICC monitor profile will also be automatically activated in the operating system so that colour management compatible programs always factor in the activated monitor settings. Thanks to the complex factory calibration, ColorNavigator enables extremely fast recalibration. Calibration can be done automatically with a CG series monitor thanks to the built-in calibration sensor.

## Standard mode

Adjustment targets created in standard mode can be modified without the need for subsequent recalibration using a calibration sensor. If a standard mode is recalibrated with a sensor, all other standard modes are calibrated simultaneously.

## Advanced mode

Numerous other setting options are available in advanced mode. Gamuts and hue curves can be set individually and calibrations can be checked by validations. Advanced mode offers more comprehensive measurements for calibration, profiling and validation.

## Manual adjustment

The white balance and brightness can be manually adjusted using ColorNavigator. In this way, even the individual perception characteristics of each user or calibrations

are taken into account to suit the specific workflow. This results in a unique display precision, which ensures that the soft-proof view on the monitor corresponds as closely as possible to the later print result.

ColorNavigator works in combination with integrated measurement sensors and a range of external measuring devices. The software also adjusts a look-up table that comes pre-installed in ColorEdge LCD monitors. This results in loss-free hardware calibration that is completed within minutes. ColorNavigator can be downloaded free of charge from the EIZO website.

## ColorNavigator Network

The ColorNavigator Network enables a central administrative quality control in applications where several ColorEdge monitors are used. This solution is ideal for post-production studios, printing companies and other companies that want to ensure the image quality of their monitors from a central location while reducing maintenance costs.



# Rapid colour management workflow – with Quick Color Match.

**The perfect print with just a few clicks of the mouse.**

The free Quick Color Match software greatly simplifies the colour management workflow steps you need to go through when printing out images at home. You can automatically make the necessary adjustments to your monitor, software

and print settings by dragging and dropping in Quick Color Match. All you need to do is select the paper type. Quick Color Match automatically makes the necessary adjustments to the colour management workflow settings, allowing you to

quickly and easily match the monitor display with the printout in just a few clicks. More information on compatible printers and paper types is provided on our website.





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