

WORKING  
WITH



THE  
BEST

WORKING WITH THE BEST

# COLOREDGE MONITORS SET NEW STANDARDS. JUST LIKE YOU.

**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.**

Graphics monitors in particular must always meet the highest demands: those of a creative person. Because for them, the monitor has become the central gateway to their creative world.

We are highly familiar with your vocational fields and know what is especially important to you. From perfect image rendition to many innovative features: Our ColorEdge monitors are made to always provide you with the best possible support for your work.

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 image that is sent, posted on the web or printed. This unaltered view of the image is also

the prerequisite for a meaningful soft-proof view, so that you can see in advance how your image will look when printed later on – What you see is what you get. Among other things, this is ensured by a complex factory calibration and loss-free hardware calibration. Whether you are working on photos, graphics or films, ColorEdge models allow you to fully focus on your creative process.

And there is more. In addition to outstanding colour reproduction and impressively precise imaging, ColorEdge monitors also come with a unique total package of components, professional software and service. We provide every customer with an individual monitor solution ideally suited to their needs.

EIZO is known around the world for high-end quality in a class of its own. And that's why we also offer our standard extra-long five-year EIZO warranty on our ColorEdge models.

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

**Working with the best. EIZO.**



**Turn any job into something special. That's what drives you as a creative professional. To meet this demand, your monitor must always guarantee an absolutely unaltered view of the respective image or video. Our monitors offer just that – the perfect display of every image and every detail.**

#### Lossless hardware calibration

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

#### Elaborate factory calibration

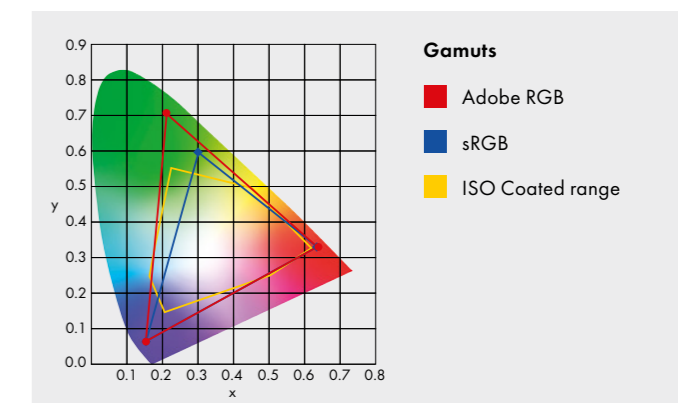
Each ColorEdge is individually measured and optimally configured at the factory. To this end, the gamma curves for the red, green and blue channels are closely checked and corrected, if necessary. This unique EIZO factory calibration allows you to start using the monitor with the preset gamut right out of the box. Our precise calibration at the factory further ensures that recalibration of the monitor using ColorNavigator (p. 18) is a quick and easy process.

#### Digital Uniformity Equalizer (DUE)

Provides a homogeneous colour and brightness display over the entire monitor surface.

#### Wide gamut

Our ColorEdge monitors offer very high coverage of the relevant standard colour ranges (e.g., Adobe RGB or DCI-P3). This also guarantees a precise soft-proof preview of common print colour ranges (e.g., ISO Coated).



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 graphics 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.



Basic monitors that satisfy professional demands

More information on p. 8–11



High-end monitors that satisfy the most exacting demands

More information on p. 12–15

# FOR EVERYONE WHO THOUGHT THEY'D SEEN IT ALL.

Our ColorEdge range includes graphics monitors for a wide range of different applications.



#### The perfect basis

The models in our CS series form the basis of the ColorEdge range and meet the basic requirements that dedicated creative professionals place on their monitor.



#### The perfect picture for photo professionals

The CG2420 and CG2730 have been specially developed to meet the needs of professional photographers. Thanks to a built-in calibration sensor and a light protection hood, they leave nothing to be desired.



#### Perfect in 4K

The CS2740 and CG319X are ideal for post-production of 4K video and high-resolution photos, with a very high pixel density of up to 164 ppi.



#### The perfect choice for pre-press and post-production

The CG247X and CG279X are optimised to handle the special requirements of video post-production and pre-press. The extremely high-performance built-in sensor also makes it possible to validate calibration results, while the 3D LUT guarantees exceptional precision.

YOU DO NOT HAVE  
TO BE A PRO  
IN ORDER TO WORK  
PROFESSIONALLY.

**For all creative professionals who demand absolute accuracy, the CS series is the perfect solution.**

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



# THE FOUNDATION FOR PROFESSIONAL WORK.

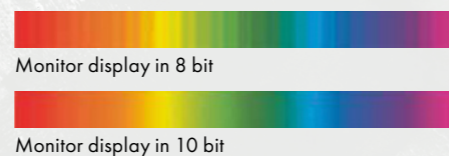
The CS series is the perfect entry-level technology for professional image and video editing. And for good reasons.

**Gamut\***

Wide coverage of relevant colour ranges such as Adobe RGB and DCI-P3 as well as the printing colour ranges ISO Coated and U.S. Web Coated.

**10-bit representation\***

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



**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.

**Anti-reflection coating**

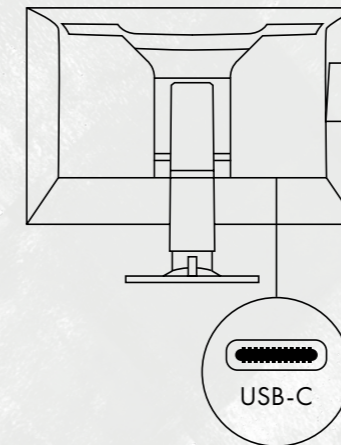
The IPS panel boasts a top-quality anti-reflection coating. The reflected light is diffused, which prevents glare. The wide viewing angle guarantees minimal changes in colour and contrast.

**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.

**Ergonomics**

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



**ColorNavigator**

Simple and precise EIZO software for hardware calibration of ColorEdge monitors in order to match the colour reproduction exactly for the intended use.



**Advanced connectivity with USB-C\*\***

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

**4K resolution**

Extremely high pixel density of 164 ppi (CS2740 only) displays images in outstanding detail.

**Five-year warranty**

EIZO grants a five-year warranty that includes on-site replacement service.

**Presets\***

Standard colour ranges such as Adobe RGB or sRGB are pre-calibrated at the factory.

**Flicker-free working**

The screen remains flicker-free at all brightness settings, reducing strain on the eyes.

**Factory calibration**

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

**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.

\*Except for CS2410.

\*\*CS2731 and CS2740.

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. For the most impressive image display in the ColorEdge series, check out the CG319X. With a size of 31 inches and an extremely high pixel density of 149 ppi, it 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.



**HIGH-END PRODUCTS  
THAT SATISFY HIGHEST DEMANDS.**

**CG series: working with the very best equipment and at the highest level of comfort possible.**

**Gamut**

Wide coverage of relevant colour ranges such as Adobe RGB and DCI-P3 as well as the printing colour ranges ISO Coated and U.S. Web Coated.

**Digital Uniformity Equalizer (DUE)**

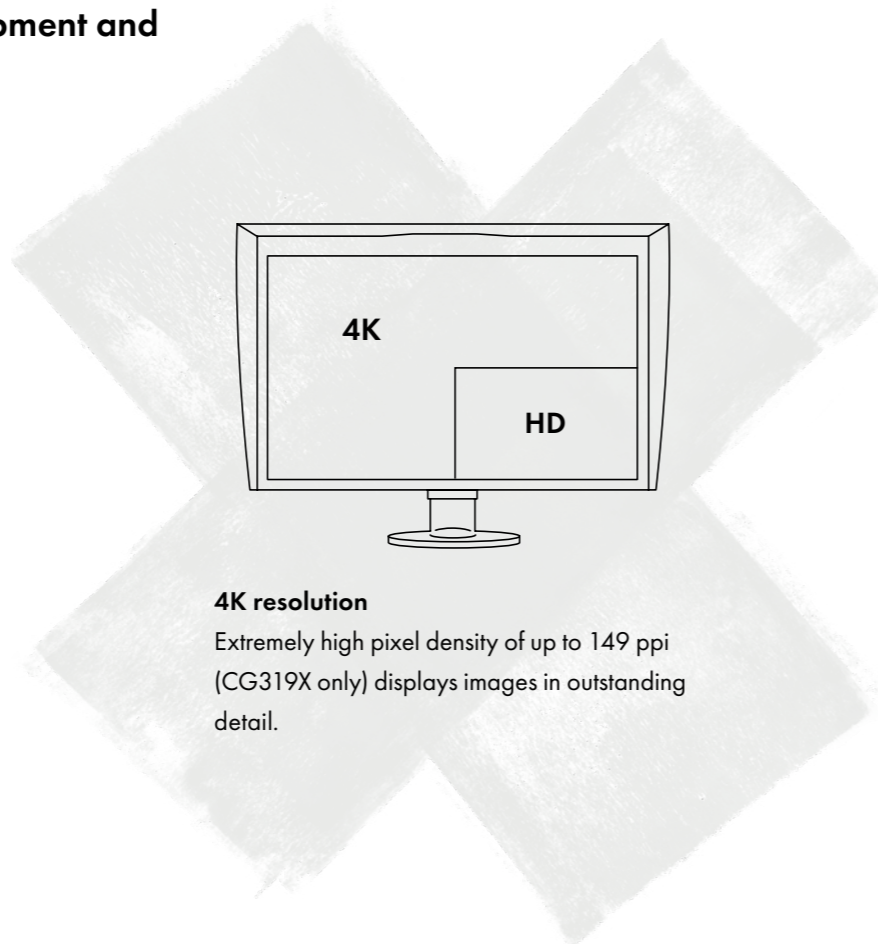
Homogeneous display of colour and brightness across the entire screen.

**Soft transitions**

Up to 24-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**

Extremely high pixel density of up to 149 ppi (CG319X only) displays images in outstanding detail.



**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 minimum user intervention.

**Light protection hood**

The light protection hood (included) 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.

**True Black**

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

**Flicker-free working**

The screen remains flicker-free at all brightness settings, reducing strain on the eyes.

**Five-year warranty**

EIZO grants a five-year warranty that includes on-site replacement service.

**Ergonomics**

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

**ColorNavigator**

Simple and precise EIZO software for hardware calibration of ColorEdge monitors in order to match the colour reproduction exactly for the intended use.

**Presets**

Standard colour modes such as Adobe RGB, sRGB, Rec. 709, EBU, SMPTE-C and DCI are pre-configured at the factory for certain models.

**USB-C**

Upstream for video signal and data connection (CG279X only).

**Anti-reflection 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.

**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 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.

**CMYK validation**

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

**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.

**3D LUT\***

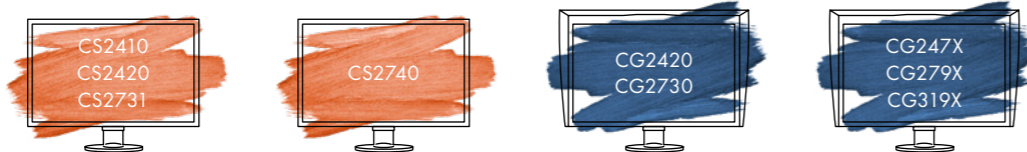
The 3D LUT delivers the most precise gamma and exact colour tone reproduction, ensuring a consistent colour temperature throughout the entire greyscale range. Devices with 3D LUT allow the use of 3D LUT profiles in film production.

\*Except for CG2420 and CG2730.

\*\*Except for CG319X.



# DO YOU PREFER A MULTI-TALENT OR AN ALL-ROUNDER?



	CS2410 CS2420 CS2731	CS2740	CG2420 CG2730	CG247X CG279X CG319X
<b>Reliable colour reproduction</b>				
Built-in self-calibration sensor			✗	✗
Grey balance calibration and CMYK validation using integrated sensor				✗
Custom factory calibration	✗	✗	✗	✗
ColorNavigator	✗	✗	✗	✗
True Black LCD panel			✗	✗
Wide gamut	CS2420 and CS2731	✗	✗	✗
10-bit display	CS2420 and CS2731	✗	✗	✗
4K resolution		✗		CG319X
Colour reproduction stabilises more quickly			✗	✗
Consistent brightness and colour reproduction (DUE)	✗	✗	✗	✗
FograCert soft-proof monitor			✗	✗
<b>High convenience and usability</b>				
Backlit keys	✗	✗	✗	✗
Light protection hood included			✗	✗
<b>Post-production</b>				
3D look-up table (LUT)				✗
Presets for SDR-HLG and PQ gamma curves		✗		✗



WE DON'T TAKE YOU CLOSER  
TO THE PERFECT IMAGE.  
WE TAKE YOU ALL THE WAY.

Whatever it takes – even travelling to the far side of the globe.

**COLOURCLASS  
NAMIBIA**

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 – in our two video series of the Colourclass series, our experts give you extensive tips on monitor adjustment, colour management and soft-proofing. They also impart in-depth knowledge on numerous topics relating to photography. In addition, there are technical articles brimming with detailed monitor knowledge. Moreover, current dates of our seminars, workshops and webinars are also published here.

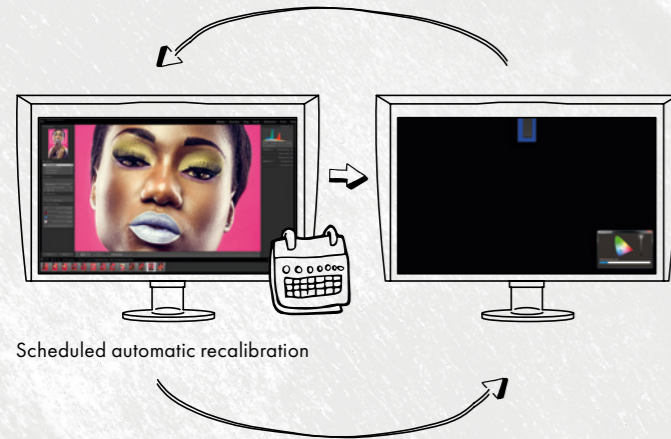


For the full range of information on the EIZO Academy, visit [www.eizo.academy](http://www.eizo.academy)



# PRECISION CALIBRATION - WITH COLORNAVIGATOR.

“Working with the best” also implies always working with the best software.



ColorNavigator allows you to conveniently perform all settings 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 help 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.

### 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

In Advanced mode, numerous other setting options are available.

### Manual adjustment

The white balance and brightness of the adjustment target can be manually adjusted using ColorNavigator. This way, even the individual perception characteristics of each user are taken into account in the monitor display. 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 from the EIZO website.

# RAPID COLOUR MANAGEMENT WORKFLOW - WITH QUICK COLOR MATCH.

The perfect print with just a few mouse clicks.

The 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.



# TECHNICAL SPECIFICATIONS



		CS2410	CS2420
Display	Type	IPS	IPS
	Size	24.1"/61 cm (diameter 611 mm)	24.1"/61 cm (diameter 611 mm)
	Native resolution	1920×1200 (aspect ratio 16:10)	1920×1200 (aspect ratio 16:10)
	Viewable image size (H×V)	518.4×324 mm	518.4×324 mm
	Pixel pitch	0.270×0.270 mm	0.270×0.270 mm
	Pixel density	94 ppi	94 ppi
	Greyscale tones	DisplayPort, HDMI, DVI-D: 256 from a palette of 65,281 tones	DisplayPort, HDMI: 1024 from a palette of 65,281 tones; DVI: 256 from a palette of 65,281 tones
	Display colours	DisplayPort, HDMI, DVI-D: 16.77 million from a palette of 278 trillion colours (16 bit)	DisplayPort, HDMI: 1.07 billion from a palette of 278 trillion colours (16 bit) DVI: 16.77 million from a palette of 278 trillion colours (16 bit)
	Viewing angle (H/V, typical)	178°, 178°	178°, 178°
	Brightness (typical)	300 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
Recommended brightness for calibration	-	-	
Contrast ratio (typical)	1000:1	1000:1	
True black	-	-	
Response time (typical)	14 ms (grey-grey)	15 ms (grey-grey)	
Colour gamut (typical)	sRGB 100%	Adobe RGB 99%	
Video signals	Inputs	DVI-D, 24-pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP)	DVI-D, 24-pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color)
	Digital scanning frequency (H/V)	DisplayPort, DVI: 26 – 78 kHz, 23 – 63 Hz, HDMI: 15 – 78 kHz, 23 – 63 Hz	DisplayPort, DVI: 26 – 78 kHz, 24 – 61 Hz, HDMI: 15 – 78 kHz, 24 – 61 Hz
USB	Upstream	1× Type B, USB 3.1 Gen 1	1× Type B, USB 3.1 Gen 1
	Downstream	3× Type A, USB 3.1 Gen 1 (1× 10.5 W battery charging function)	3× Type A, USB 3.1 Gen 1 (1× 10.5 W battery charging function)
Power supply	Power requirements	AC 100 – 240 V, 50/60 Hz	AC 100 – 240 V, 50/60 Hz
	Max. power consumption/Typical power consumption/Power save mode/Standby mode	57 W/18 W/≤ 0.7 W/≤ 0.6 W	92 W/26 W/≤ 0.7 W/≤ 0.6 W
	Energy efficiency class	G	G
	Energy consumption/1000h	26 kWh	28 kWh
Integrated calibration sensor and self-calibration	-	-	
Light protection hood	◇	◇	
Features and functionalities	Hardware calibration/3D look-up table	◆/–	◆/–
	Brightness stabilisation	–	–
	Digital uniformity equalizer	◆	◆
	Preset modes	Colour mode (sRGB, Calibration, Custom)	Colour mode (Custom, Adobe RGB, sRGB, Calibration)
	HDR gamma	–	–
	ColorNavigator network support	–	–
	CMYRGB colour control	◆	◆
	CMYK validation	–	–
	Colour temperature setting	◆	◆
	LUT system with post-LUT and factory-calibrated pre-LUT	◆	◆
	Gamut clipping	◆	◆
	DUE priority	◆	◆
	Safe area marker (HDMI)	–	–
	Support for progressive and interlaced signal formats	◆	◆
	Signal range extension (HDMI)	◆	◆
	Noise reduction (HDMI)	◆	◆
	Support for YUV signal (DisplayPort and HDMI input)	◆	◆
	3D LUT film emulation (support for LogView LUT)	–	–
	Button guide (button layout overview)	–	–
	Operation in portrait and landscape format/Adjustable monitor height	◆/◆	◆/◆
Dimensions and weight	Dimensions (W×H×D, landscape format)/Net weight	554.4×396 – 551×245 mm/7.9 kg	554.4×396 – 551×245 mm/7.8 kg
	Height adjustment range	155 mm	155 mm
	Tilt/Swivel/Rotation angles	35° to the back, 5° to the front/344°/90°	35° to the back, 5° to the front/344°/90°
	VESA attachment	100×100 mm	100×100 mm
Certifications and standards (current information is available from EIZO Group companies and distribution partners in your country.)		CE, CB, TÜV/GS, TÜV certified ergonomics (including ISO 9241-307), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3(B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE	CE, CB, TÜV/GS, TÜV certified ergonomics (including ISO 9241-307), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3(B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE
Supplied accessories		Power cord, signal cable (DisplayPort – DisplayPort, HDMI – HDMI), USB cable, Set-up Guide	Power cord, signal cable (DisplayPort – DisplayPort, HDMI – HDMI), USB cable, Set-up Guide
Quality guarantee	Zero pixel error guarantee <sup>1</sup>	◆	◆
	Colour and brightness guarantee <sup>2</sup>	–	–
	Warranty with on-site exchange service <sup>3</sup>	Five years	Five years

<sup>1</sup>Free from bright sub-pixels (partial image elements ISO 9241-307) six months following purchase date.

<sup>2</sup>Brightness guarantee up to 10,000 hours of monitor usage time if it is used within the recommended brightness of 120 cd/m<sup>2</sup> or less and a colour temperature of between 5000 and 6500 K.

<sup>3</sup>Up to a maximum of 30,000 hours of monitor usage time.



		CS2731	CS2740
Display	Type	IPS	IPS
	Size	27"/68.5 cm (diameter 685 mm)	26.9"/68.4 cm (diameter 684 mm)
	Native resolution	2560×1440 (aspect ratio 16:9)	3840×2160 4K UHD (aspect ratio 16:9)
	Viewable image size (H×V)	596.7×335.7 mm	596.2×335.4 mm
	Pixel pitch	0.233×0.233 mm	0.155×0.155 mm
	Pixel density	109 ppi	164 ppi
	Greyscale tones	USB Type C, DisplayPort, HDMI: 1024 from a palette of 65,281 tones; DVI: 256 from a palette of 65,281 tones	USB Type C, DisplayPort, HDMI: 1024 from a palette of 65,281 tones; DVI: 256 from a palette of 65,281 tones
	Display colours	USB Type C, DisplayPort, HDMI: 1.07 billion from a palette of 278 trillion colours (16 bit) DVI: 16.77 million from a palette of 278 trillion colours (16 bit)	USB Type C, DisplayPort, HDMI: 1.07 billion from a palette of 278 trillion colours (16 bit) DVI: 16.77 million from a palette of 278 trillion colours (16 bit)
	Viewing angle (H/V, typical)	178°, 178°	178°, 178°
	Brightness (typical)	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
Recommended brightness for calibration	-	-	
Contrast ratio (typical)	1000:1	1000:1	
True black	-	-	
Response time (typical)	10 ms (grey-grey)	10 ms (grey-grey)	
Colour gamut (typical)	Adobe RGB 99%	Adobe RGB 99%	
Video signals	Inputs	USB Type C (with DisplayPort Alt Mode, HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color), DVI-D, 24-pin (with HDCP)	USB Type C (with DisplayPort Alt Mode, HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color)
	Digital scanning frequency (H/V)	USB Type C, DisplayPort, DVI: 26 – 89 kHz, 23 – 61 Hz, HDMI: 15 – 89 kHz, 23 – 61 Hz	USB Type C, DisplayPort: 25 – 137 kHz, 23 – 61 Hz, HDMI: 15 – 135 kHz, 23 – 61 Hz
USB	Upstream	1× Type C, USB 3.1 Gen 1 (DisplayPort Alt Mode, 60 W power supply), 1× Type B, USB 3.1 Gen 1	1× Type C, USB 3.1 Gen 1 (DisplayPort Alt Mode, 60 W power supply), 1× Type B, USB 3.1 Gen 1
	Downstream	4× Type A (2× USB 3.1 Gen 1, 2× USB 2.0)	4× Type A (2× USB 3.1 Gen 1, 2× USB 2.0)
Power supply	Power requirements	AC 100 – 240 V, 50/60 Hz	AC 100 – 240 V, 50/60 Hz
	Max. power consumption/Typical power consumption/Power save mode/Standby mode	159 W/34 W/≤ 1 W/≤ 1 W	168 W/36 W/≤ 1 W/≤ 1 W
	Energy efficiency class	G	G
	Energy consumption/1000h	36 kWh	38 kWh
Integrated calibration sensor and self-calibration	-	-	
Light protection hood	◇	◇	
Features and functionalities	Hardware calibration/3D look-up table	◆/–	◆/–
	Brightness stabilisation	–	–
	Digital uniformity equalizer	◆	◆
	Preset modes	Colour mode (Adobe RGB, sRGB, Calibration, User)	Colour mode (Adobe RGB, sRGB, Calibration, User)
	HDR gamma	–	HLG, PQ curve (optional)
	ColorNavigator network support	–	–
	CMYRGB colour control	◆	◆
	CMYK validation	–	–
	Colour temperature setting	◆	◆
	LUT system with post-LUT and factory-calibrated pre-LUT	◆	◆
	Gamut clipping	◆	◆
	DUE priority	◆	◆
	Safe area marker (HDMI)	–	–
	Support for progressive and interlaced signal formats	◆	◆
	Signal range extension (HDMI)	◆	◆
	Noise reduction (HDMI)	◆	◆
	Support for YUV signal (DisplayPort and HDMI input)	◆	◆
	3D LUT film emulation (support for LogView LUT)	–	–
	Button guide (button layout overview)	–	–
	Operation in portrait and landscape format/Adjustable monitor height	◆/◆	◆/◆
Dimensions and weight	Dimensions (W×H×D, landscape format)/Net weight	638×404 – 559×265 mm/10.1 kg	638×404 – 559×265 mm/10.3 kg
	Height adjustment range	155 mm	155 mm
	Tilt/Swivel/Rotation angles	35° to the back, 5° to the front/344°/90°	35° to the back, 5° to the front/344°/90°
	VESA attachment	100×100 mm	100×100 mm
Certifications and standards (current information is available from EIZO Group companies and distribution partners in your country.)		CE, CB, TÜV/GS, TÜV certified ergonomics (including ISO 9241-307), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3(B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE	CE, CB, TÜV/GS, TÜV certified ergonomics (including ISO 9241-307), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3(B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE
Supplied accessories		Power cord, signal cable (HDMI – HDMI, USB-C – USB-C), USB cable, Set-up Guide	Power cord, signal cable (DisplayPort – DisplayPort, USB-C – USB-C), USB cable, Set-up Guide
Quality guarantee	Zero pixel error guarantee <sup>1</sup>	◆	◆
	Colour and brightness guarantee <sup>2</sup>	–	–
	Warranty with on-site exchange service <sup>3</sup>	Five years	Five years

◆ Standard, ◇ optional

# ACCESSORIES



## Light protection hood (CH2400)

For use with CS2410 and CS2420. The CH2400 hood is included with the CG2420.

## Light protection hood (CH2700)

For use with CS2731 and CS2740. The CH2700 hood is included with the CG2730 and CG279X models.



## Calibration sensor EX4

The ideal calibration sensor for CS series monitors.

# TECHNICAL SPECIFICATIONS



		CG2420	CG2730	
Display	Type	IPS	IPS	
	Size	24"/61 cm (diameter 611 mm)	27"/68 cm (diameter 685 mm)	
	Native resolution	1920 × 1200 (aspect ratio 16:10)	2560 × 1440 (aspect ratio 16:9)	
	Viewable image size (H×V)	518.4 × 324 mm	596.7 × 335.6 mm	
	Pixel pitch	0.270 × 0.270 mm	0.233 × 0.233 mm	
	Pixel density	94 ppi	109 ppi	
	Greyscale tones	DisplayPort, HDMI: 1024 from a palette of 65,281 tones; DVI: 256 from a palette of 65,281 tones	DisplayPort, HDMI: 1024 from a palette of 65,281 tones; DVI: 256 from a palette of 65,281 tones	
	Display colours	DisplayPort, HDMI: 1.07 billion from a palette of 278 trillion colours (16 bit) DVI: 16.77 million from a palette of 278 trillion colours (16 bit)	DisplayPort, HDMI: 1.07 billion from a palette of 278 trillion colours (16 bit) DVI: 16.77 million from a palette of 278 trillion colours (16 bit)	
	Viewing angle (H/V, typical)	178°, 178°	178°, 178°	
	Brightness (typical)	400 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	
	Recommended brightness for calibration	≤ 120 cd/m <sup>2</sup>	≤ 120 cd/m <sup>2</sup>	
	Contrast ratio (typical)	1500:1	1500:1	
	True black	◆	◆	
	Response time (typical)	10 ms (grey-grey)	13 ms (grey-grey)	
Colour gamut (typical)	Adobe RGB 99%, DCI-P3 98%	Adobe RGB 99%, DCI-P3 98%		
Video signals	Inputs	DVI-D, 24-pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color)	DVI-D, 24-pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color)	
	Digital scanning frequency (H/V)	DisplayPort, DVI: 26 – 78 kHz, 24 – 61 Hz HDMI: 15 – 78 kHz, 24 – 61 Hz	DisplayPort, DVI: 26 – 89 kHz, 23 – 61 Hz HDMI: 15 – 89 kHz, 23 – 61 Hz	
USB	Upstream	1 × Type B, USB 3.1 Gen 1	2 × Type B, USB 3.1 Gen 1	
	Downstream	3 × Type A, USB 3.1 Gen 1 (1 × 10.5 W battery charging function)	3 × Type A, USB 3.1 Gen 1 (1 × 10.5 W battery charging function)	
Power supply	Power requirements	AC 100 – 240 V, 50/60 Hz	AC 100 – 240 V, 50/60 Hz	
	Max. power consumption/Typical power consumption/ Power save mode/Standby mode	79 W/20 W/≤ 0.7 W/≤ 0.6 W	95 W/33 W/≤ 0.6 W/≤ 0.6 W	
	Energy efficiency class	F	G	
	Energy consumption/1000h	21 kWh	36 kWh	
Integrated calibration sensor and self-calibration	◆	◆		
Light protection hood	◆	◆		
Features and functionalities	Hardware calibration/3D look-up table	◆/–	◆/–	
	Brightness stabilisation	◆	◆	
	Digital uniformity equalizer	◆	◆	
	Preset modes	Colour mode (Custom, Adobe RGB, sRGB, Calibration)	Colour mode (Custom, Adobe RGB, sRGB, Calibration)	
	HDR gamma	–	–	
	ColorNavigator network support	◆	◆	
	CMYRGB colour control	◆	◆	
	CMYK validation	–	–	
	Colour temperature setting	◆	◆	
	LUT system with post-LUT and factory-calibrated pre-LUT	◆	◆	
	Gamut clipping	◆	◆	
	DUE priority	◆	◆	
	Safe area marker (HDMI)	–	–	
	Support for progressive and interlaced signal formats	◆	◆	
	Signal range extension (HDMI)	◆	◆	
	Noise reduction (HDMI)	◆	◆	
	Support for YUV signal (DisplayPort and HDMI input)	◆	◆	
	3D LUT film emulation (support for LogView LUT)	–	–	
	Button guide (button layout overview)	◆	◆	
	Operation in portrait and landscape format/ Adjustable monitor height	◆/◆	◆/◆	
	Dimensions and weight	Dimensions (W × H × D, landscape format)/Net weight	554.4 × 396 – 551 × 245 mm/7.8 kg	638 × 404 – 559 × 245 mm/8.9 kg
		Height adjustment range	155 mm	155 mm
		Tilt/Swivel/Rotation angles	35° to the back, 5° to the front/344°/90°	35° to the back, 5° to the front/344°/90°
VESA attachment		100 × 100 mm	100 × 100 mm	
Certifications and standards (current information is available from EIZO Group companies and distribution partners in your country.)		CE, CB, TÜV/GS, TÜV certified ergonomics (including ISO 9241-307), TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3(B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE	CE, CB, TÜV/GS, TÜV certified ergonomics (including ISO 9241-307), TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3(B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE	
Supplied accessories		Power cord, signal cable (DisplayPort – DisplayPort, HDMI – HDMI), USB cable, Set-up Guide, calibration certificate, light protection hood	Power cord, signal cable (DisplayPort – DisplayPort, HDMI – HDMI), USB cable, Set-up Guide, calibration certificate, light protection hood	
Quality guarantee	Zero pixel error guarantee <sup>1</sup>	◆	◆	
	Colour and brightness guarantee <sup>2</sup>	◆	◆	
	Warranty with on-site exchange service <sup>3</sup>	Five years	Five years	

		CG247X	CG279X	CG319X	
Display	Type	IPS	IPS	IPS	
	Size	24.1"/61 cm (diameter 611 mm)	27"/68 cm (diameter 684 mm)	31.1"/79 cm (diameter 789 mm)	
	Native resolution	1920 × 1200 (aspect ratio 16:10)	2560 × 1440 (aspect ratio 16:9)	4096 × 2160 (aspect ratio 17:9)	
	Viewable image size (H×V)	518.4 × 324 mm	596.7 × 335.6 mm	698 × 368.1 mm	
	Pixel pitch	0.270 × 0.270 mm	0.233 × 0.233 mm	0.170 × 0.170 mm	
	Pixel density	94 ppi	109 ppi	149 ppi	
	Greyscale tones	DisplayPort, HDMI: 1024 from a palette of 65,281 tones; DVI: 256 from a palette of 65,281 tones	USB Type C, DisplayPort, HDMI: 1024 from a palette of 65,281 tones; DVI: 256 from a palette of 65,281 tones	DisplayPort, HDMI: 1024 from a palette of 65,281 tones	
	Display colours	DisplayPort, HDMI: 1.07 billion from a palette of 278 trillion colours (16 bit) DVI: 16.77 million from a palette of 278 trillion colours (16 bit)	USB Type C, DisplayPort, HDMI: 1.07 billion from a palette of 278 trillion colours (16 bit) DVI: 16.77 million from a palette of 278 trillion colours (16 bit)	DisplayPort, HDMI: 1.07 billion colours from a 24-bit palette	
	Viewing angle (H/V, typical)	178°, 178°	178°, 178°	178°, 178°	
	Brightness (typical)	400 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	
	Recommended brightness for calibration	≤ 120 cd/m <sup>2</sup>	≤ 120 cd/m <sup>2</sup>	≤ 120 cd/m <sup>2</sup>	
	Contrast ratio (typical)	1500:1	1300:1	1500:1	
	True black	◆	◆	◆	
	Response time (typical)	10 ms (grey-grey)	13 ms (grey-grey)	9 ms (grey-grey)	
Colour gamut (typical)	Adobe RGB 99%, DCI-P3 98%	Adobe RGB 99%, DCI-P3 98%	Adobe RGB 99%, DCI-P3 98%		
Video signals	Inputs	DVI-D, 24-pin (with HDCP), DisplayPort (with HDCP 1.3), HDMI (with HDCP, Deep Color)	USB Type C (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color), DVI-D, 24-pin (with HDCP)	2 × DisplayPort (with HDCP 1.3), 2 × HDMI (with HDCP 1.3 and 2.2, Deep Color)	
	Digital scanning frequency (H/V)	DisplayPort, DVI: 26 – 78 kHz, 23 – 63 Hz HDMI: 15 – 78 kHz, 24 – 61 Hz	USB Type C, DisplayPort, DVI: 26 – 89 kHz, 23 – 61 Hz, HDMI: 15 – 89 kHz, 23 – 61 Hz	DisplayPort: 25 – 137 kHz, 23 – 61 Hz HDMI: 15 – 136 kHz, 23 – 61 Hz	
USB	Upstream	2 × Type B, USB 2.0	1 × Type C, USB 3.1 Gen 1 (DisplayPort Alt Mode, 15 W power supply), 1 × Type B, USB 3.1 Gen 1	1 × Type B, USB 3.1 Gen 1	
	Downstream	2 × Type A, USB 2.0	4 × Type A (2 × USB 3.1 Gen 1, 2 × USB 2.0)	3 × Type A, USB 3.1 Gen 1 (1 × 10.5 W battery charging function)	
Power supply	Power requirements	AC 100 – 120 V/AC 200 – 240 V, 50/60 Hz	AC 100 – 240 V/AC 200 – 240 V, 50/60 Hz	AC 100 – 240 V, 50/60 Hz	
	Max. power consumption/Typical power consumption/ Power save mode/Standby mode	60 W/22 W/≤ 0.7 W/≤ 0.5 W	111 W/32 W/≤ 1 W/≤ 1 W	140 W/52 W/≤ 1.2 W/≤ 1.2 W	
	Energy efficiency class	F	G	G	
	Energy consumption/1000h	23 kWh	31 kWh	55 kWh	
Integrated calibration sensor and self-calibration	◆	◆	◆		
Light protection hood	◆	◆	◆		
Features and functionalities	Hardware calibration/3D look-up table	◆/◆	◆/◆	◆/◆	
	Brightness stabilisation	◆	◆	◆	
	Digital uniformity equalizer	◆	◆	◆	
	Preset modes	Colour mode (Custom, Adobe RGB, sRGB, Rec. 709, EBU, SMPTE-C, DCI, calibration)	Colour mode (User, BT.2020, BT.709, DCI, PQ_DCI, PQ_BT.2100, HLG_BT.2100, Adobe RGB, sRGB, calibration)	Colour mode (BT.2020, BT.709, DCI, PQ_DCI, PQ_BT.2100, HLG_BT.2100, Adobe RGB, sRGB, calibration)	
	HDR gamma	–	HLG, PQ curve (optional)	HLG, PQ curve	
	ColorNavigator network support	◆	◆	◆	
	CMYRGB colour control	◆	◆	◆	
	CMYK validation	–	◆	◆	
	Colour temperature setting	◆	◆	◆	
	LUT system with post-LUT and factory-calibrated pre-LUT	◆	◆	◆	
	Gamut clipping	◆	◆	◆	
	DUE priority	◆	◆	◆	
	Safe area marker (HDMI)	–	◆	◆	
	Support for progressive and interlaced signal formats	◆	◆	◆	
	Signal range extension (HDMI)	◆	◆	◆	
	Noise reduction (HDMI)	◆	◆	◆	
	Support for YUV signal (DisplayPort and HDMI input)	◆	◆	◆	
	3D LUT film emulation (support for LogView LUT)	–	◆	◆	
	Button guide (button layout overview)	◆	◆	◆	
	Operation in portrait and landscape format/ Adjustable monitor height	◆/◆	◆/◆	–/◆	
	Dimensions and weight	Dimensions (W × H × D, landscape format)/Net weight	575 × 417 – 545 × 245 mm/8.9 kg	638 × 416 – 570 × 265 mm/10.3 kg	735 × 434 – 588 × 290 mm/12.4 kg
		Height adjustment range	128 mm	155 mm	154 mm
		Tilt/Swivel/Rotation angles	30° to the back, 0° to the front/344°/90°	35° to the back, 5° to the front/344°/90°	35° to the back, 5° to the front/344°/–
VESA attachment		100 × 100 mm	100 × 100 mm	100 × 100 mm	
Certifications and standards (current information is available from EIZO Group companies and distribution partners in your country.)		CE, CB, TÜV/GS, TÜV certified ergonomics (including ISO 9241-307), TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3(B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE	CE, CB, TÜV/GS, TÜV certified ergonomics (including ISO 9241-307), TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3(B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE	CE, CB, TÜV/GS, TÜV certified ergonomics (including ISO 9241-307), TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3(B), RCM, VCCI-B, CCC, RoHS, China RoHS, WEEE	
Supplied accessories		Power cord, signal cable (DVI-D – DVI-D, Mini DisplayPort – DisplayPort), USB cable, Set-up Guide, calibration certificate, cleaning set, light protection hood	Power cord, signal cable (USB-C – USB-C, DisplayPort – DisplayPort), USB cable, Set-up Guide, calibration certificate, cleaning set, light protection hood	Power cord, signal cable (DisplayPort – DisplayPort, Mini DisplayPort – DisplayPort, HDMI – HDMI), USB cable, Set-up Guide, calibration certificate, cleaning set, light protection hood	
Quality guarantee	Zero pixel error guarantee <sup>1</sup>	◆	◆	◆	
	Colour and brightness guarantee <sup>2</sup>	◆	◆	◆	
	Warranty with on-site exchange service <sup>3</sup>	Five years	Five years	Five years	

◆ Standard, ◇ optional

<sup>1</sup>Free from bright sub-pixels (partial image elements ISO 9241-307) six months following purchase date.

<sup>2</sup>Brightness guarantee up to 10,000 hours of monitor usage time if it is used within the recommended brightness of 120 cd/m<sup>2</sup> or less and a colour temperature of between 5000 and 6500 K.

<sup>3</sup>Up to a maximum of 30,000 hours of monitor usage time.

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