THREE COLOURS FOR A WHOLE WORLD
ColorEdge by EIZO

EIZO

INFINITE
COLOUR
RANGE.

Red, green and blue. To some people, these are just colours. But to us, these colours mean one thing above all: Infinity.

Here at EIZO, we've made it our mission to capture all the colours the world has to offer and conjure them onto the screens of our monitors in all their glory. And we're close to achieving that goal. ColorEdge monitors from EIZO have a range of colours so infinitely deep that you'll always be able to discover something new in them – new hues and new worlds.

ColorEdge graphic monitors from EIZO also reproduce even the smallest details with a true-to-life appearance and in outstanding quality, thanks to their unique precision and perfectly even brightness. Whether you're working on photos, graphics or videos, ColorEdge models provide a range of practical functions and exceptional quality to make your job easier. EIZO is known around the world for its high-end monitors that are in a class of their own. That's why we also offer our standard extra-long five-year EIZO warranty on our ColorEdge models.

Turn any job into something special. Just like we always turn three colours into something special: the perfect image.

TRUE.

COLOURS.

Our ColorEdge models cover 99%* of the entire AdobeRGB gamut and ensure completely homogeneous tone values across the entire screen.

But that's not all: In addition to unique colours and impressive precision, ColorEdge monitors also deliver an unparalleled overall package of components, professional software and service. EIZO provides every customer with an individual monitor solution ideally suited to their needs.

Our ColorEdge models are divided into two series: the CS series and the CG series. Both were developed specifically to meet the demanding requirements of creative users. The CS series is ideal for prosumers, whilst the CG series can meet even the most professional requirements.

Read on to learn more about the high colour accuracy of the EIZO ColorEdge series and find the model that perfectly meets your needs.

*Except the CS230

CS **ColorEdge CS**
Prosumer

CG **ColorEdge CG**
Professional

"When I started using ColorEdge,
I was blown away by the beauty
and reproducibility of the colours.
I felt like it was a big turning point
in my work."

Kanako Sato | EIZO ColorEdge Ambassador Japan
Underwater and street photographer

Our ColorEdge Ambassadors – around 50 represent-
atives of our brand – work as professional photogra-
phers, film-makers and in a variety of other creative
industries. But above all, they are people whose out-
standing work inspires us.

www.kanakosato.com

IN FINITE

PRECISION.

Creatives depend on their monitor to deliver absolute precision when they view an image or video file.

But making an EIZO monitor into a perfect display tool takes a great deal of effort and technology. Precision manufacturing, care and attention, temperature fluctuations during operation and other factors can have a major impact on image quality.

EIZO wants to ensure that creatives around the world can always rely on their own vision. That's why we developed the Digital Uniformity Equalizer (DUE) to guarantee that the image is displayed homogeneously, right out to the edges of the screen. Painstaking calibration at the factory ensures that the monitor displays exactly the right hue for every single pixel, selected from millions of options. Lossless hardware calibration guarantees that image quality will remain consistently high throughout the life of the device. By covering the standard colour ranges like AdobeRGB and DCI-P3, EIZO monitors can display countless real-life colours on screen – allowing your every thought and idea to come true.

THE PERFECT
IMAGE FOR EVERY
WORLD

Our ColorEdge range includes graphic monitors for a wide range of different applications:

The perfect foundation

The CS series forms the foundation of the ColorEdge series and provides all the basics that dedicated hobbyists and prosumers need from a monitor.

Perfect for pro photographers

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

Perfect in 4K

The CG248-4K and CG319X combine the advantages of the CG series with extremely high resolution of up to 185 ppi, making them ideal for post-production of 4K video and editing of high-resolution photos.

Perfect for post-production and pre-printing

The CG247X and CG279X are optimised to handle the special requirements of video post-production and pre-printing. The extremely high-performance built-in sensor also allows calibration results to be validated, while the 3D LUT guarantees exceptional precision.

Perfect for grading

With its extreme contrast ratio of well over 1,000,000:1, the Color-Edge PROMINENCE CG3145 is the ideal LCD monitor for video post-production and, above all, for colour grading in an HDR workflow.

Key Features CS

Gamut
Extensive coverage* of key colour ranges AdobeRGB, DCI-P3, and ISO Coated and U.S. print gamuts. Web Coated.

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Digital Uniformity Equalizer (DUE)
Homogeneous display of colour and brightness across the entire screen.

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Soft transitions
Up to 16-bit look-up table (LUT) for completely smooth display of gradients, with no clipping or banding.

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10 Bit
Simultaneous 10-bit display allows for billions of different hues – 64 times as many as in 8-bit mode.

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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

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

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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.

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Presets
Standard colour modes such as AdobeRGB, sRGB, Rec709, EBU, SMPTE-C and DCI are pre-configured at the factory.

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Work without screen flicker
The screen remains flicker-free at all brightness settings, reducing eye strain.

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

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

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ColorNavigator
Intuitive and exact EIZO software for hardware calibration in ColorEdge monitors, making for precisely customised colour reproduction to meet the exact requirements for the intended use.

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* Except the CS230

CS SERIES: INFINITELY RELIABLE.

The CS models offer excellent image quality and extremely precise colour differentiation, ensuring that your photo prints meet your requirements in every way. The CS series provides photographers with a professional foundation from which to achieve reliable image processing results. Which all makes your work easier. Always.

"For major projects like my
photography book *Chasing Light,* it's extremely
important to me that my monitor reproduces
colours precisely, exactly the way
they will look on the printed page later on.
That's why I trust EIZO CG monitors."

STEFAN FORSTER | EIZO ColorEdge Ambassador Switzerland
Landscape photographer and filmmaker

www.stefanforster.com

CG SERIES: INFINITELY PROFESSIONAL.

The CG series is the best choice for anyone working to professional standards. It delivers everything you would expect from high-end monitors, and much more besides. For example, the CG2420 and the CG2730 both offer a range of innovative extras and helpful additional functions to make editing images easier than ever before. The standard light protection hood and high-quality True Black LCD panel also ensure excellent display quality and deep colour tones whilst a

built-in, automatic sensor regularly calibrates the monitor, making manual calibration unnecessary. But the undisputed champions of the ColorEdge series are the CG319X and CG248-4K models. They have impressively high resolutions of 149 and 185 ppi, respectively, and allow you to get an extremely clear impression of your images on the monitor – making for an ideal print preview.

Key Features CG

Gamut
Extensive coverage of key colour ranges AdobeRGB and DCI-P3, and ISO Coated and U.S. print gamuts. 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 clipping or banding.

10 Bit
Simultaneous 10-bit display allows for billions of different hues – 64 times as many as in 8-bit mode.

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.

4K resolution*
Extremely high resolution* of up to 185 ppi displays images in outstanding detail.

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.

Quick stabilisation
Automatic, temperature-dependent calibration of colour drift whilst the monitor is in use. It takes just three minutes of warm-up time for brightness, colour and tone to fully stabilise.

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.

Presets
Standard colour modes such as AdobeRGB, sRGB, Rec709, EBU, SMPTE-C and DCI are pre-configured at the factory.

True Black
True Black improves the contrast ratio allowing dark hues to reach their deepest values, particularly when the monitor is viewed from the side.

Work without screen flicker
The screen remains flicker-free at all brightness settings, reducing eye strain.

5-year warranty
EIZO provides a five-year warranty with an 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.****

I/P conversion
Support for refresh rates of 60, 50, 30, 25 and 24 Hz. The monitor also features I/P conversion.

Built-in calibration sensor*
The sensor integrated into the bezel is perfectly suited to the monitor, allowing for automatic calibration and guaranteeing maximum colour precision with a minimum of effort.

Light protection hood
The shading hood (included) reduces light falling on the monitor from above and the sides, reducing reflection on the screen and protecting the user's eyes. It also improves the precision of the image display.

ColorNavigator
Intuitive and exact EIZO software for hardware calibration in ColorEdge monitors, making for precisely customised colour reproduction to meet the exact requirements for the intended use.

* ColorEdge CG248-4K and CG319X
** Only CG247X, CG279X, CG248-4K, CG319X
*** Except for CG3145
****Except CG319X and CG3145

COMPARISON OF FEATURES.

	CS2730 CS2420 CS230	CG2730 CG2420	CG247X CG279X	CG319X CG248-4K	CG3145 Prominence
Reliable colour reproduction					
Built-in self-calibration sensor		•	•	•	
Built-in sensor calibration mode		Contrast	Grey balance and contrast	Grey balance and contrast	Grey balance and contrast
Custom factory calibration	•	•	•	•	•
ColorNavigator	•	•	•	•	•
True Black LCD panel		•	•	•	•
Wide gamut (except CS230)	•	•	•	•	•
Simultaneous 10-bit display	•	•	•	•	•
4K resolution				•	•
Uniform image display					
Colour reproduction stabilises more quickly		•	•	•	•
Consistent brightness and colour reproduction	•	•	•	•	•
Comfortable and user-friendly					
Backlit buttons with backlighting	•	•	•	•	•
Light protection hood included		•	•	•	•
Post-production					
3D look-up-table (LUT)			•	•	•
Expanded greyscale range	•	•	•	•	•
Presets for SDR-HLG and PQ gamma curves			•	•	
True HDR/Contrast of > 1000000:1					•

COLOUR MANAGEMENT SOFTWARE

Simple and precise calibration – with ColorNavigator from EIZO

Our ColorNavigator software enables easy and precise hardware calibration of ColorEdge monitors. The software allows the user to enter target values for brightness, white point and gamma, at which point the automatic monitor adjustment is launched.

ColorNavigator works in combination with a range of integrated and external measuring devices*. The software also adjusts a look-up table that comes pre-installed in ColorEdge LCD monitors. The result: reliable hardware calibration within minutes.

ColorNavigator can be downloaded from the EIZO website. In addition, the CG series has an integrated measuring device to help with monitor calibration.

*A measuring device is not included with CS models but is required for hardware calibration.

Quick and easy colour management thanks to Quick Color Match

The new 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.

You can find more information on our website.

ColorEdge monitors from EIZO offer
the right features for any application.

On the following pages you will learn more about the
technical specifications that make each and every one
of our monitors so special.

INFINITE

DIVERSITY.

		CS230	CS2420	CS2730	CG2420	CG2730	CG248-4K
Display	Type	IPS	IPS	IPS	IPS	IPS	IPS
	Size	23"/58 cm (diameter 584 mm)	24.1"/61 cm (diameter 611 mm)	27"/68 cm (diameter 684 mm)	24"/61 cm (diameter 611 mm)	27"/68 cm (diameter 684 mm)	23.8"/60 cm (diagonal 604 mm)
	Native resolution	1920 × 1080 (aspect ratio 16:9)	1920 × 1200 (aspect ratio 16:10)	2560 × 1440 (aspect ratio 16:9)	1920 × 1200 (aspect ratio 16:10)	2560 × 1440 (aspect ratio 16:9)	3840 × 2160 (aspect ratio 16:9), 185 ppi
	Visible area (H×V)	509.2 × 286.4 mm	518.4 × 324 mm	596.7 × 335.6 mm	518.4 × 324 mm	596.7 × 335.6 mm	527 × 296.5 mm
	Pixel pitch	0.2652 × 0.2652 mm	0.270 × 0.270 mm	0.233 × 0.233 mm	0.270 × 0.270 mm	0.233 × 0.233 mm	0.1373 × 0.1373 mm
	Pixel density	96 ppi	94 dpi	109 dpi	94 ppi	109 ppi	185 ppi
	Grey levels	DisplayPort: 1024 from a palette of 5281 tones; DVI, HDMI: 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	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	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
	Monitor gamut	DisplayPort: 1.07 billion from a palette of 278 trillion colours (16 bit); DVI, HDMI: 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)	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)	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)
	Viewing angle (h, v, typical)	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°
	Brightness (typical)	300 cd/m²	350 cd/m²	350 cd/m²	400 cd/m²	350 cd/m²	350 cd/m²
	Recommended brightness for calibration	≤ 120 cd/m²	≤ 120 cd/m²	≤ 120 cd/m²	≤ 120 cd/m²	≤ 120 cd/m²	≤ 120 cd/m²
	Contrast ratio (typical)	1000:1	1000:1	1000:1	1500:1	1500:1	1000:1
	True Black	–	–	–	◆	◆	◆
	HDR gamma						HLG, PQ curve
	Reaction time (typical)	10.5 ms (grey-grey)	15 ms (grey-grey)	10 ms (grey-grey)	10 ms (grey-grey)	13 ms (grey-grey)	14 ms (grey-grey)
	Colour range (typical)	–	AdobeRGB 99%	AdobeRGB 99%	AdobeRGB 99%, DCI-P3: 98%	AdobeRGB 99%, DCI-P3: 98%	AdobeRGB 99%, DCI-P3: 93%
Video signals	Inputs	DVI-I, 29-pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP)	DVI-D, 24-pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Colour)	DVI-D, 24-pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Colour)	DVI-D, 24-pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Colour)	DVI-D, 24-pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Colour)	DisplayPort ×2 (with HDCP Ver.1.x), HDMI ×2 (with HDCP Ver.1.x, Deep Colour)
	Digital scanning frequency (h, v)	DisplayPort, DVI: 26–68 kHz, 23.75–63 Hz (VGA text: 69–71 Hz) HDMI: 15–68 kHz, 23.75–61 Hz	DisplayPort, DVI: 26–78 kHz, 24–61 Hz (VGA text: 69–71 Hz) HDMI: 15–78 kHz, 24–61 Hz (VGA text: 69–71 Hz)	DisplayPort, DVI: 26–89 kHz, 23–61 Hz (VGA text: 69–71 Hz) HDMI: 15–89 kHz, 23–61 Hz	DisplayPort, DVI: 26–78 kHz, 24–61 Hz (VGA text: 69–71 Hz) HDMI: 15–78 kHz, 24–61 Hz (VGA text: 69–71 Hz)	DisplayPort, DVI: 26–89 kHz, 23–61 Hz (VGA text: 69–71 Hz) HDMI: 15–89 kHz, 23–61 Hz (VGA text: 69–71 Hz)	DisplayPort: 24.5–137.5 kHz/22.5–71.5 Hz HDMI: 14.5–135.5 kHz/22.5–71.5 Hz
	Analogue scanning frequency (h, v)	26–78 kHz, 47.5–61 Hz					
USB	Functions	2× upstream 2× downstream	1× upstream 3× downstream	2× upstream 3× downstream	1× upstream 3× downstream	2× upstream 3× downstream	1× upstream 3× downstream, of which 1× with charging function
	Standard	USB 2.0	USB 3.0	USB 3.0	USB 3.0	USB 3.0	USB 3.0
Power supply	Power requirement	AC 100–120 V/AC 200–240 V, 50/60 Hz	AC 100–240 V, 50/60 Hz	AC 100–240 V, 50/60 Hz	AC 100–240 V, 50/60 Hz	AC 100–240, 50/60 Hz	AC 100–240 V, 50/60 Hz
	Max. energy consumption/typical energy consumption/power save mode/standby mode	54 W/21 W/≤ 0.5 W/≤ 0.5 W	92 W/26 W/≤ 0.7 W/≤ 0.6 W	110 W/44 W/≤ 0.6 W/≤ 0.6 W	79 W/20 W/≤ 0.7 W/≤ 0.6 W	95 W/33 W/≤ 0.6 W/≤ 0.6 W	136 W/52 W/≤ 9 W/≤ 9 W
	Energy efficiency class	C	B	C	A	B	D
	Annual energy consumption	53 kWh	41 kWh	63 kWh	33 kWh	55 kWh	80 kWh
	Power management	Power save mode (VESA-DPM, DisplayPort Version 1.1a, and DVI-DMPM)	Power save mode (VESA-DPM, DisplayPort Version 1.1a, and DVI-DMPM)	Power save mode (DisplayPort Rev. 1.1a, DVI DVI-DMPM)	Power save mode (DisplayPort Version 1.1a and DVI-DMPM)	Power save mode (DisplayPort Version 1.1a and DVI-DMPM)	Power save mode (DisplayPort Rev. 1.2
Self-calibration		–	–	–	◆	◆	◆
Self-correction		◆	–	–	–	–	–
Light protection hood		◇	◇	◇	◆	◆	◆
Features and functions	Hardware calibration/3D look-up table	◆/–	◆/–	◆/–	◆/–	◆/–	◆/◆
	Brightness stabilisation	–	–		◆	◆	◆
	Digital Uniformity Equalizer	–	◆		◆	◆	◆
	Pre-set modes	Colour mode (User1, User2, User3, Paper, sRGB, Calibration)	Colour mode (Custom, AdobeRGB, sRGB, Calibration)	Colour mode (Custom, AdobeRGB, sRGB, Calibration)	Colour mode (Custom, AdobeRGB, sRGB, Calibration)	Colour mode (Custom, AdobeRGB, sRGB, Calibration)	Colour mode (Custom, AdobeRGB, sRGB, Rec. 709, EBU, SMPTE-C, DCI, Rec. 2020, Calibration)
	Support for ColorNavigator NX and ColorNavigator Network	–	–				
	Manual gamma and CMYRGB control	◆	◆	◆	◆	◆	◆
	Colour temperature setting	◆	◆	◆	◆	◆	◆
	LUT system with post-LUT and factory-calibrated pre-LUT	◆	◆	◆	◆	◆	◆
	Gamut clipping	–	◆	–	◆	◆	–
	DUE priority	–	◆	◆	◆	◆	◆
	Safe area marker (HDMI)	–	–	–	–	–	◆
	I/P conversion, pseudo-interface (HDMI)	–	◆	◆	–	–	◆
	Signal range extension (HDMI)	–	◆	◆	◆	◆	◆
	Noise reduction (HDMI)	–	◆	◆	–	–	◆
	Support for YUV signal (DisplayPort and HDMI input)	◆	◆	◆	◆	◆	◆
	3D LUT film emulation (support for 10-bit log)	–	–	–	–	–	◆
	4K signals via DisplayPort with downscaling to 2560×1440 pixels	–	–				–
	Button guide	◆	◆	◆	◆	◆	◆
	Power manager	◆	◆	◆	◆	◆	◆
	Operation in portrait and landscape format/Adjusting the monitor height	◆/◆	◆/◆	◆/◆	◆/◆	◆/◆	◆/◆
	Readable inventory data (VESA EDID v2.x)	◆	◆	◆	◆	◆	◆
Dimensions and weight	Dimensions (W×H×D, landscape format)/Net weight	544 × 372.5–526.5 × 245.5 mm/7.5 kg	554.4 × 396–551 × 245 mm/8.7 kg	638 × 404.1–559.1 × 245 mm/8.9 kg	554.4 × 396–551 × 245 mm/7.8 kg	638 × 404.1–559.1 × 245 mm/8.9 kg	553 × 394–544 × 245 mm/8.5 kg
	Monitor height adjustment range	154 mm	155 mm	155 mm	155 mm	155 mm	150 mm
	Tilt/swivel/rotation angles	30° backwards, 0° forwards/344°/90°	35° backwards, 5° forwards/344°/90°	35° backwards, 5° forwards /344°/90°	35° backwards, 5° nforwards /344°/90°	35° backwards, 5° forwards /344°/90°	35° backwards, 5° forwards/344°/90°
	Calibration (VESA standard)	100 × 100 mm	100 × 100 mm	100 × 100 mm	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.)		CUDO certification, TCO Displays 6.0, TÜV-Ergonomie (ergonomics), TÜV-GS, cTÜVus, CE, CB, VCCI-B, FCC-B, ICES-003-B (Canada), RoHS, WEEE, EAC	CB, TÜV-GS, CE, cTÜVus, FCC-B, ICES-003-B (Canada), VCCI-B, TÜV-Ergonomie (ergonomics), RCM, RoHS, WEEE, EAC	CB, TÜV-GS, CE, FCC-B, ICES-003-B (Canada), VCCI-B, TÜV-Ergonomie (ergonomics), RCM, RoHS, WEEE, EAC	CB, TÜV-GS, CE, cTÜVus, FCC-B, ICES-003-B (Canada), VCCI-B, TÜV-Ergonomie (ergonomics), RCM, RoHS, WEEE, EAC, TÜV Farbgenauigkeit (colour accuracy)	CB, TÜV-GS, CE, cTÜVus, FCC-B, ICES-003-B (Canada), VCCI-B, TÜV-Ergonomie (ergonomics), RCM, RoHS, WEEE, EAC, TÜV Farbgenauigkeit (colour accuracy)	Softproof-Monitor FograCert, TÜV Farbgenauigkeit (colour accuracy), CB, TÜV-GS, CE, cTÜVus, FCC-B, ICES-003-B (Canada), VCCI-B, TÜV Ergonomie (ergonomics), RoHS, WEEE
Accessories included		Power cord, signal cable (DVI-D – DVI-D), USB cable, Setup Guide	Power cord, signal cable (DVI-D – DVI-D, Mini DisplayPort – DisplayPort), USB cable, Setup Guide	Power cord, signal cable (DVI-D – DVI-D, Mini DisplayPort – DisplayPort), USB cable, Setup Guide	Power cord, signal cable (DVI-D – DVI-D, Mini DisplayPort – DisplayPort), USB cable, Setup Guide, calibration certificate, light protection hood	Power cord, signal cable (DVI-D – DVI-D (dual link support), Mini DisplayPort – DisplayPort), USB cable, Setup Guide, calibration certificate, light protection hood	Power cord, signal cable (DisplayPort – DisplayPort, DisplayPort – Mini DisplayPort, HDMI – HDMI), USB cable, Setup Guide, calibration certificate, cleaning set, light protection hood
Quality guarantee	6-month zero pixel error guarantee[1]	◆	◆	◆	◆	◆	◆
	Colour and brightness guarantee[2]	–	–	–	◆	◆	◆
	On-site replacement service[3]	Five years	Five years	Five years	Five years	Five years	Five years

◆ Standard, ◇ optional

[1] The zero pixel error guarantee applies to fully illuminated sub-pixels (partial image elements ISO 9241-307) for six months from the purchase date.

[2] Brightness guarantee up to 10,000 hours of monitor usage time from the date of purchase with a recommended maximum brightness of 120 cd/m² and a colour temperature of between 5000 and 6500 K.

[3] Maximum of 30,000 hours of monitor usage time from the date of purchase

		CG319X	CG247X	CG279X	CG3145	ACCESSORIES
Display	Type	IPS	IPS	IPS	IPS	
	Size	31.1"/79 cm (diameter 789 mm)	24.1"/61 cm (diameter 611 mm)	27"/68 cm (diameter 684 mm)	31.1"/79 cm (diameter 789 mm)	**CH6 light protection hood** supported models: CS230
	Native resolution	4096×2160 (aspect ratio 17:9)	1920×1200 (aspect ratio 16:10)	2560×1440 (aspect ratio 16:9)	4096×2160 (aspect ratio 17:9)	
	Visible area (H×V)	698 × 368.1 mm	518.4 × 324 mm	296.7 × 335.6 mm	698 × 368.1 mm	
	Pixel pitch	0.170 × 0.170 mm	0.270 × 0.270 mm	0.233 × 0.233 mm	0.170 × 0.170 mm	
	Pixel density	149 ppi	94 ppi	109 ppi	149 ppi	
	Grey levels	DisplayPort, HDMI: 1024 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	USB type C, DisplayPort, HDMI: 1024 from a palette of 65,281 tones	DisplayPort, HDMI: 1024 from a palette of 65,281 tones	
	Monitor gamut	DisplayPort, HDMI: 1.07 billion from a 24-bit palette	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)	DisplayPort, HDMI: 1.07 billion from a 24-bit palette	
	Viewing angle (h, v, typical)	178°, 178°	178°, 178°	178°, 178°	178°, 178°	**CH2400 light protection hood** supported models: CS2420 The CH2400 is included with the CG248-4K and CG2420 models.
	Brightness (typical)	350 cd/m²	400 cd/m²	350 cd/m²	1000 cd/m²	
	Recommended brightness for calibration	≤ 120 cd/m²	≤ 120 cd/m²	≤ 120 cd/m²	–	
	Contrast ratio (typical)	1500:1	1500:1	1300:1	1000000:1	
	True Black	◆	◆	◆	◆	
	HDR gamma	HLG, PQ curve	HLG, PQ curve	HLG, PQ curve	HLG, PQ curve	**CH2700 light protection hood** supported models: CS2730 The CH2700 is included with the CG2730 and CG279X models.
	Reaction time (typical)	9 ms (grey-grey)	10 ms (grey-grey)	13 ms (grey-grey)	10 ms (grey-grey)	
	Colour range (typical)	AdobeRGB 99%, DCI-P3: 98%	AdobeRGB 99%, DCI-P3: 98%	AdobeRGB 99%, DCI-P3: 98%	DCI-P3: 99%	
Video signals	Inputs	DisplayPort ×2 (with HDCP), HDMI ×2 (with HDCP, Deep Colour)	DVI-D, 24-pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Colour)	USB type C (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Colour)	DisplayPort ×2 (with HDCP), HDMI ×2 (with HDCP, Deep Colour)	
	Digital scanning frequency (h, v)	DisplayPort: 25–137 kHz/23–61 Hz HDMI: 15–136 kHz/23–61 Hz	DisplayPort, DVI: 26–78 kHz, 23.75–63 Hz (VGA text: 69–71 Hz) HDMI: 15–78 kHz, 24–61 Hz (VGA text: 69–71 Hz)	USB type C, DisplayPort: 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	
	Analogue scanning frequency (h, v)	–	–	–	–	
USB	Functions	1× upstream USB B, 3× downstream USB A (of which 1× with charging function)	2× upstream, 2× downstream	1 × upstream USB C (power delivery: 15 watts), 1 × upstream x USB B, 2 x downstream USB B, 2 x downstream USB A	1× upstream USB B, 3× downstream USB A (of which 1× with charging function)	
	Standard	USB 3.1 Gen. 1	USB 2.0	USB 3.1 gen. 1 and USB 2.0	USB 3.1 Gen. 1	
Power supply	Power requirement	AC 100–240 V, 50/60 Hz	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	**EX3 calibration device** Calibrate the monitors of the CS series to the perfect settings using this external calibration device.
	Max. energy consumption/typical energy consumption/power save mode/standby mode	140 W/52 W/≤ 1.2 W/≤ 1.2 W	60 W/22 W/≤ 0.7 W/≤ 0.5 W	111 W/32 W/≤ 1 W/≤ 1 W	472 W/267 W/≤ 1,2 W/≤ 0,7 W	
	Energy efficiency class	C	A	B	D	
	Annual energy consumption	80 kWh	34 kWh	62 kWh	146 kWh	
	Power management	Power save mode (DisplayPort Rev. 1.2a)	Power save mode (DisplayPort Version 1.1a and DVI-DMPM))	Power save mode (DisplayPort Version 2)	Power save mode (DisplayPort Version 1.2a)	
Self-calibration		◆	◆	◆	–	
Self-correction		–	–	–	–	
Light protection hood		◆	◆	◆	◆	
Features and functions	Hardware calibration/3D look-up table	◆/◆	◆/◆	◆/◆	◆/◆	
	Brightness stabilisation	◆	◆	◆	◆	
	Digital Uniformity Equalizer	◆	◆	◆	◆	
	Pre-set modes	Colour mode (REC2020, REC709, DCI, PQ_DCI, PQ_REC2100, HLG_REC2100, AdobeRGB, sRGB, calibration)	Colour mode (Custom, AdobeRGB, sRGB, Rec. 709, EBU, SMPTE-C, DCI, calibration)	Colour mode (User, BT.2020, BT.709, DCI, PQ_DCI, PQ_BT.2100, HLG_BT.2100, AdobeRGB, sRGB, calibration)	Colour mode (Rec. 2020, Rec. 709, DCI, PQ_REC2100, PQ_REC709, PQ_DCI, HLG_REC2100, calibration)	**Creative training** Our EIZO website offers plenty of useful information on the colour management workflow to help you improve your digital photos and digital workflow.
	Support for ColorNavigator NX and ColorNavigator Network	◆	◆	◆	◆	
	Manual gamma and CMYRGB control	◆	◆	◆	◆	
	Colour temperature setting	◆	◆	◆	◆	
	LUT system with post-LUT and factory-calibrated pre-LUT	◆	◆	◆	◆	
	Gamut clipping	◆	◆	◆	◆	
	DUE priority	◆	◆	◆	◆	
	Safe area marker (HDMI)	◆	◆	◆	◆	
	I/P conversion, pseudo-interface (HDMI)	◆	◆	◆	◆	
	Signal range extension (HDMI)	◆	◆	◆	◆	
	Noise reduction (HDMI)	◆	◆	◆	◆	
	Support for YUV signal (DisplayPort and HDMI input)	◆	◆	◆	◆	
	3D LUT film emulation (support for 10-bit log)	◆	◆	◆	◆	
	4K signals via DisplayPort with downscaling to 2560×1440 pixels	–	–	–	–	
	Button guide	◆	◆	◆	◆	
	Power manager and OFF timer	◆	◆	◆	◆	
	Operation in portrait and landscape format/Adjusting the monitor height	–/◆	◆/◆	◆/◆	◆/◆	
	Readable inventory data (VESA EDID v2.x)	◆	◆	◆	◆	
Dimensions and weight	Dimensions (W×H×D, landscape format)/Net weight	735 × 434–588 × 290 mm/12.4 kg	575 × 417–545 × 245.5 mm/8.9 kg	638 × 415.9–570.9 × 265 mm/10.3 kg	757 × 488 × 236.5 mm/25.8 kg	
	Monitor height adjustment range	154 mm	128 mm	155 mm	–	
	Tilt/swivel/rotation angles	35° to the back, 5° to the front/344°/–	30° backwards, 0° forwards/344°/90°	35° backwards, 5° forwards/344°/90°	–	
	Calibration (VESA standard)	100 × 100 mm	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.)		Softproof-Monitor FograCert, TÜV Farbgenauigkeit (colour accuracy), CB, TÜV-GS, CE, cTÜVus, FCC-B, ICES-003-B (Canada), VCCI-B, TÜV Ergonomie (ergonomics), RoHS, WEEE, RCM, EAC, China RoHS, CCC	Softproof-Monitor FograCert, TÜV Farbgenauigkeit (colour accuracy), CB, TÜV-GS, CE, cTÜVus, FCC-B, ICES-003-B (Canada), VCCI-B, TÜV Ergonomie (ergonomics), RoHS, WEEE	Softproof-Monitor FograCert, TÜV Farbgenauigkeit (colour accuracy), CB, TÜV-GS, CE, cTÜVus, FCC-B, ICES-003-B (Canada), VCCI-B, TÜV-S, TÜV Ergonomie (ergonomics), RCM, EAC, RoHS, WEEE	CB, TÜV-GS, CE, cTÜVus, FCC-B, ICES-003-B (Canada), VCCI-B, TÜV Ergonomie (ergonomics), RoHS, WEEE, RCM, EAC, China RoHS, CCC, BSMI	
Accessories included		Power cord, signal cable (DisplayPort – DisplayPort, Mini DisplayPort – Mini DisplayPort, HDMI – HDMI), USB cable, Setup Guide, calibration certificate, cleaning set, light protection hood	Power cord, signal cable (DVI-D – DVI-D, Mini DisplayPort – DisplayPort), USB cable, Setup Guide, calibration certificate, cleaning set, light protection hood	Power cord, signal cable (USB-C – USB-C, DisplayPort – DisplayPort), USB cable, Setup Guide, calibration certificate, cleaning set, light protection hood	Power cord, signal cable (HDMI-HDMI, Mini DisplayPort – DisplayPort), USB cable, Setup Guide, calibration certificate, cleaning set, light protection hood	
Quality guarantee	6-month zero pixel error guarantee[1]	◆	◆	◆	◆	
	Colour and brightness guarantee[2]	◆	◆	◆	◆[3]	
	On-site replacement service[4]	Five years	Five years	Five years	Five years (replacement service optional)	

[1] The zero pixel error guarantee applies to fully illuminated sub-pixels (partial image elements ISO 9241-307) for six from the purchase date.
[2] Brightness guarantee up to 10,000 hours of monitor usage time from the date of purchase with the recommended maximum brightness of 120 cd/m² and a colour temperature of between 5000 and 6500 K.

[3] Brightness guarantee for a brightness of 800 cd/m² and a white balance of 6500 K for 3 years from the date of purchase or a monitor usage time of 10,000 hours, whichever is the earlier.
[4] Maximum of 30,000 hours of monitor usage from the date of purchase.

"I always get perfect prints
        and, sometimes, questions from
colour correction guys from the lab:
        Alex, what monitor do you use?
because they don't even need to touch
        my pictures before printing."

ALEXANDER SEMENOV | EIZO ColorEdge Ambassador Russland
Underwater photographer

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