



Color Management Monitors

# ColorEdge®

A computer monitor is the central focus, displaying the text "True to Creativity" in a white, serif font against a black background. The monitor is surrounded by a dense, colorful collage of various nature-themed illustrations. At the top, two white doves are shown in flight, facing each other. Below them are large, vibrant pink and red flowers. The collage includes numerous other elements: colorful birds (parrots, bluebirds, green birds), butterflies (including monarchs and blue morphos), and various other flowers and foliage in a wide array of colors like blue, green, yellow, and purple. The overall composition is highly detailed and visually rich, emphasizing the monitor's color accuracy and ability to reproduce a wide range of colors.

True to Creativity



## True to Creativity

### Precision beyond color.

Express your thoughts and inspirations exactly as you envision – ColorEdge helps to make that a reality. Each detail and nuance is realized in the final work, providing you an even greater satisfaction with your creations. Accurate color, consistent image quality, and ease of use are why EIZO's ColorEdge lineup gives creatives around the world the ability to express their true vision.

Let your imagination soar and your creativity blossom. Your passion will guide you and ColorEdge will ensure that you can express your ideas precisely as you have imagined.



# ColorEdge Quality for Achieving Your Creative Vision



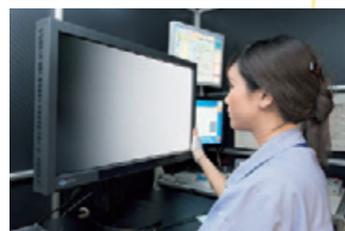
## Ease of Use

ColorEdge meets user needs with a wide range of monitors packed with features for creators of all levels. Designers and printers can rest assured that ColorEdge will ensure a smooth and consistent workflow through to the back-end. Video creators can take advantage of the features that many ColorEdge models include specifically for video creation. Those who want to enjoy working with digital photography can easily carry out color matching using ColorEdge. All of these features and more are included to ensure that ColorEdge is optimal for users' creative needs.



## True Reproducibility

To achieve the most accurate color display, EIZO developed its own application-specific integrated circuit (ASIC) which is equipped in each ColorEdge monitor. With this ASIC, the gamma level of each monitor is adjusted at the factory to ensure that tones are displayed as intended without color banding.



## Long-Term Reliability

As more desktop LCD monitor brands outsource development and production to third parties, EIZO remains convinced that the best way to deliver the quality that our customers expect is to maintain an integrated approach. Each ColorEdge monitor is developed, manufactured, and quality-control tested in-house at EIZO's own factory. This gives us the confidence to back each ColorEdge monitor with the industry's only five-year manufacturer's warranty.





Post Production



Photography



Print



Design

# For Professionals

Get the best in both color and convenience for the optimal creative workflow.

## CG Series



**NEW** PROMINENCE HDR  
4K CG3145 31.1"



**NEW** HDR  
4K CG319X 31.1"



4K CG248-4K 23.8" HDR



CG247X 24.1" HDR



CG2420 24.1"



**NEW** HDR  
CG279X 27" HDR



CG277 27" HDR



CG2730 27"



## For Hobbyists and Prosumers

Create, edit, and enjoy photography, illustration, and more.

# CS Series



CS2730 27"



CS2420 24.1"



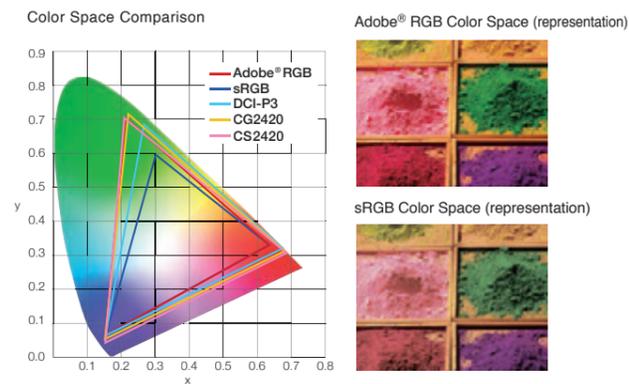
CS230 23"

# ColorEdge® Common Features

## Vivid Colors Reproduced to Industry Standards

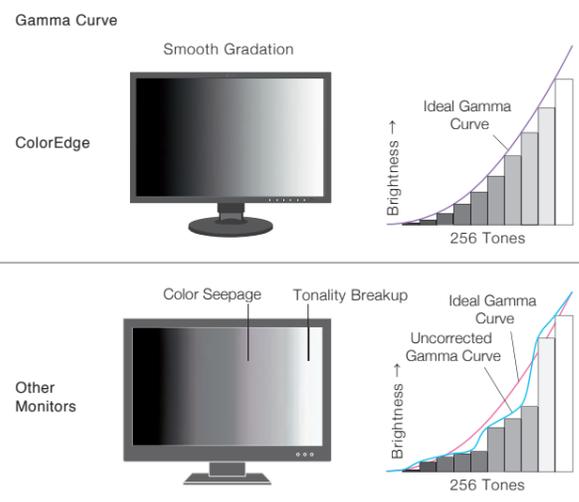
The wide color gamut of ColorEdge monitors reproduces almost the entire Adobe® RGB color space so images shot in Adobe® RGB will be displayed correctly. Photos of vibrant blue skies and lush green forests are reproduced faithfully in a way that monitors limited to an sRGB color space cannot display. The wide color gamut also ensures reproduction of almost the entire ISO-coated and US web-coated CMYK color spaces used in printing.

*Not applicable to the CS230.*



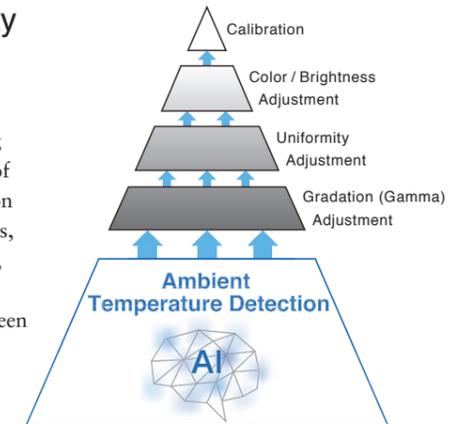
## Adjusted at the Factory for Smooth Color Gradations

The gamma level for each ColorEdge monitor is adjusted at the factory by measuring the R, G, and B gamma values from 0 - 255, then using the monitor's 16-bit LUT (24-bit for CG319X and CG3145) to select the 256 most appropriate tones and achieve the desired value. This ensures the smoothest color gradations in your images.



## Stable Display Technology for Unrivaled Quality

The color and brightness of an LCD monitor can be affected by changes in ambient temperature and the temperature of the monitor itself. ColorEdge monitors are equipped with a temperature sensor for accurately measuring the temperature inside the monitor, as well as estimating the temperature of the surrounding environment. With this temperature sensing and estimation technology, the monitor adjusts in real-time so gradations, color, brightness, and other characteristics continue to be displayed accurately. Furthermore, EIZO uses AI (artificial intelligence)\* in the estimation algorithm of the ColorEdge CG3145, CG319X, and CG279X so they can distinguish between various temperature changing patterns to calculate even more accurate correction.



## Ergonomic Stand for Comfort and Convenience

Adjust the screen to the most comfortable angle and reposition it to show your work to a colleague or client. The monitors come with a versatile stand that offer height, tilt, and swivel adjustments as well as portrait display.

*Portrait mode not available with the CG319X stand. CG3145 comes with a non-adjustable stand.*

Stand for CG279X, CG2730, CS2730, CG2420, and CS2420



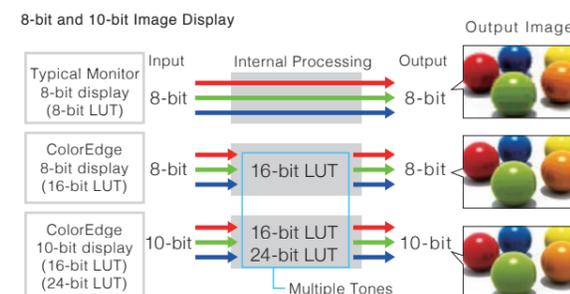
## Wide Viewing Angles with IPS Panels

The 178° wide viewing angles afforded by the IPS panel technology allows two or more people to view the screen at once with little change in color or contrast.

## 10-Bit Simultaneous Display

With 10-bit simultaneous color display\* from a 16-bit LUT (24-bit for CG319X and CG3145) which means they can show more than one billion colors simultaneously. This is 64 times more colors than you get with 8-bit display, resulting in smooth color gradations and reduced Delta-E between two adjacent colors.

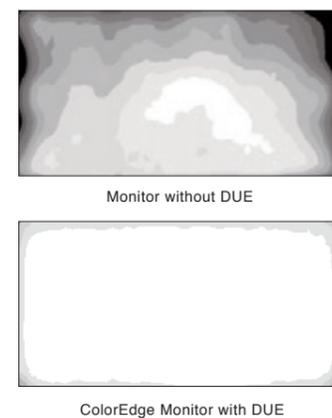
*\*A graphics board and software which support 10-bit output are necessary for 10-bit display. Equipment that supports Deep Color is necessary when using the HDMI input.*



## Uniformity Across the Screen

Fluctuations in brightness and chromaticity on different parts of the screen are a common trait of LCD monitors. To counteract this, ColorEdge monitors use EIZO's patented digital uniformity equalizer (DUE) technology to ensure stable image display and counterbalance the influences that a fluctuating temperature may have on color temperature and brightness.

Screen Uniformity and Color Temperature Changes



*Image is for illustrative purposes only. Actual results will vary depending on model and environment.*

## Commitment to Quality

### 5-Year Manufacturer's Warranty

ColorEdge monitors are backed by a manufacturer's 5-year warranty that covers all components including the LCD panel\*. EIZO manufactures its products at its own factories to allow close control over production quality and ensure each monitor is built to last.

*\*Usage time is limited to 30,000 hours (10,000 hours for the CG279X, CG319X, and CG3145 LCD panel).*



### Brightness and Color Warranty

The brightness and color of the CG Series is warranted for up to 10,000 hours\* from the date of purchase.

*\*Monitor must be used within the recommended brightness of 120 cd/m² or less and the color temperature between 5000 - 6500 K. For CG3145, a brightness level of 800 cd/m² or more and a color temperature of 6500 K are warranted. For CG279X and CG319X, a brightness level of 120 cd/m² or more and a color temperature of 5000 - 6500 K are warranted.*

### Zero Bright Pixels

EIZO guarantees its ColorEdge monitors will be free from bright sub-pixels for six months from the date of purchase.



# ColorEdge® Software Solutions

Color Management Software

## ColorNavigator 7

ColorNavigator 7 is the latest calibration and quality control software for ColorEdge color management monitors. It combines all the features of EIZO's previous color management software, ColorNavigator 6 and ColorNavigator NX, to create a new and improved solution for creatives in a range of fields.

### Calibrate All Color Modes at Once

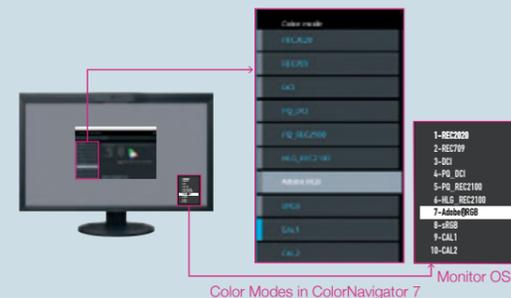
New with ColorNavigator 7 is the ability to calibrate every color mode (Standard Mode) simultaneously so you do not have to spend time managing each one individually. This saves time and ensures your screen remains color accurate no matter which color mode you work in.

*When using CS230, each color mode needs to be calibrated separately.*



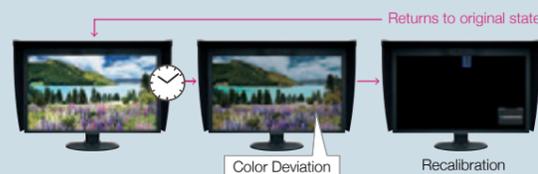
### Multiple Color Modes

ColorNavigator 7 includes multiple color modes so you can choose the one that matches your field's target values. Furthermore, the color mode list is populated according to the monitor's OSD menu so you can rest assured that all possible options are covered.



### Schedule Automatic Recalibration

A monitor needs to be recalibrated at regular intervals to maintain color accuracy. With ColorNavigator 7, you can schedule the monitor to automatically recalibrate at a specific time or at regular intervals, even if the monitor is switched off.



### Maintain Calibration Settings with Different PCs

With ColorNavigator 7, calibration information is saved to the monitor instead of the PC's operating system. This means you do not need to recalibrate the monitor if connecting to more than one PC.



### What is Calibration?

Calibration is a method by which a monitor's display characteristics are adjusted to a target value using a special sensor. Software calibration modifies the signal from your video card to display more accurate color and can be carried out for conventional monitors. Hardware calibration controls the hardware of the monitor directly by utilizing the LUT (look-up-table) inside the monitor. This method offers higher precision and better gradation characteristics compared to software calibration. With ColorEdge and ColorNavigator 7, you can adjust the monitor's display directly through hardware calibration.

Easy Screen-to-Print Color Matching Tool

## QUICK COLOR MATCH

Even with all the right equipment, color matching can be a tedious process and achieving an accurate print takes a great deal of time. Quick Color Match greatly simplifies the process by automatically adjusting to EIZO's recommended monitor, retouching software, and printer settings. Simply drag and drop your photo and begin retouching and printing with no hassle.



### Collaboration with Industry Leaders

Quick Color Match was developed under a first-ever collaboration between EIZO and Adobe, Canon, and Epson. EIZO also collaborated with paper manufacturers ILFORD and Pictorico to support a wide range of paper types.

### Automatic Adjustment to EIZO's Recommended Settings

#### Monitor Adjustment

Quick Color Match automatically adjusts your ColorEdge monitor's gain, brightness, gamma, and color space (Adobe RGB) and creates a profile for these settings.

#### Retouching Software Settings

Dragging and dropping your photo to the Quick Color Match menu automatically opens Adobe Photoshop and adjusts to EIZO's recommended settings based on the printer and paper being used.

#### Printer Settings

With either Canon Print Studio Pro or Epson Print Layout printer plugin installed, Quick Color Match automatically selects the print profile and color and soft proofing options recommended by EIZO.



### Recommended Monitors



### ColorNavigator or Quick Color Match?

ColorNavigator is for users who want to fine-tune the monitor's color accuracy and create custom profiles. Quick Color Match offers quick, hassle-free color matching for users who want to streamline the process without worrying about technical details. Both solutions support most ColorEdge monitors so you can build the creative workflow that suits your needs.

For more information visit [www.eizoglobal.com/library/management/qcm-cn](http://www.eizoglobal.com/library/management/qcm-cn)

For a full list of supported monitors, printers, software, and papers visit [www.eizoglobal.com/products/coloredge/qcm](http://www.eizoglobal.com/products/coloredge/qcm)

# ColorEdge® CG Series Features

## Built-In Sensors to Automate Your Workflow

CG Series monitors are equipped with a built-in sensor which can be set to calibrate the monitor automatically at designated times. This eliminates the need for a third-party calibration device and ensures your screen stays color-accurate. In addition, the CG279X and CG319X feature the latest sensor technology, which allows you to continue using the monitor even during recalibration. The sensor swings onto the screen, taking up minimal space, so your work remains uninterrupted.

*Only CG279X and CG319X can continue to be operated during recalibration. It is not recommended to carry out color-critical work during this process, as the screen's colors will be adjusted. CG3145 is not equipped with a built-in sensor.*

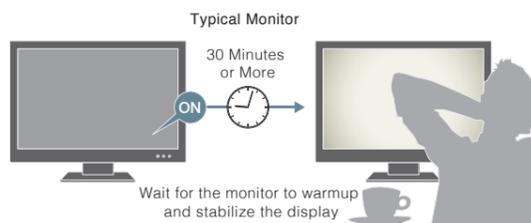
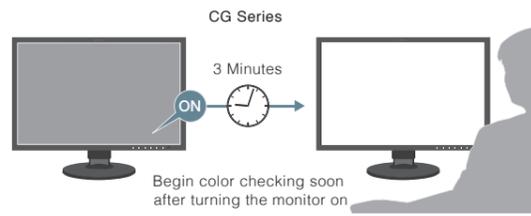


Automatically calibrates while you work.

## Stable Color in Just 3 Minutes

A typical monitor takes 30 minutes or more for its brightness, chromaticity, and tone characteristics to stabilize. The CG Series\* takes a mere 3 minutes. Whether you are working in a studio or taking the monitor with you on location, you get reliable color display soon after turning the monitor on.

*\*The CG277 takes 7 minutes and CG3145 takes 30 minutes.*



## Light-Shielding Hood

The CG Series comes bundled with a shading hood that effectively prevents glare on the monitor's screen caused by ambient lighting. The CG Series\* features newly designed shading hoods that attach to the monitor magnetically. This allows users to attach the hood quickly and easily without needing to connect separate parts.

*\*The CG277 comes with a non-magnetic hood.*



## Film Emulation with 3D LUT

ColorNavigator 7 can create emulation data from the 3D LUT of the video content used in the color grading system for matching the look of the film on the monitor.

*Not available with the CG2730 or CG2420.*



## TÜV Color Accuracy and FograCert Softproof Monitor Certified

ColorEdge monitors have obtained TÜV Rheinland's Color Accuracy (Quick Stability grade) certification. Color Accuracy is the first quality and performance criterion to measure the color accuracy of display devices for multiple graphics fields such as photography, post production, design, and printing.



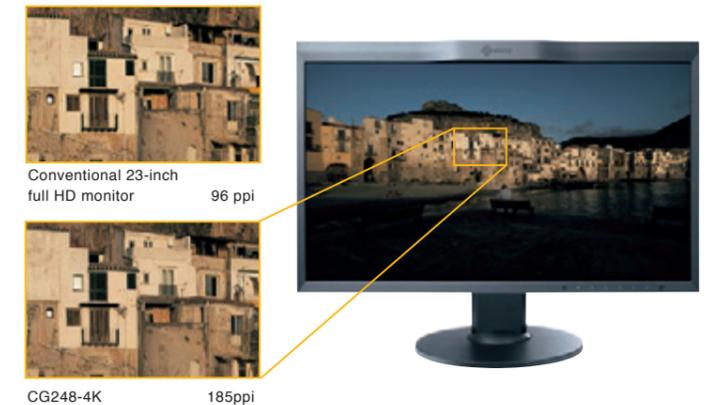
The monitors are also recognized by Fogra as Class A FograCert Softproof Monitors. Using them in a FograCert Softproofing System ensures designers, print specifiers, and print producers can rely on the softproof for predictable and consistent results. In addition the CG247X is the first monitor to receive Idealliance's display-based soft proofing certification which confirms that the color stability, tone uniformity, and angular viewing consistency meets global industry standards for high quality proofs.

*The CG279X is under application for TÜV Rheinland Color Accuracy and Fogra certification. Visit [www.eizoglobal.com/library/management/certifications/](http://www.eizoglobal.com/library/management/certifications/) for more information.*

## 4K Resolution for Exceptional Detail

### The Highest Pixel Density Yet

The CG248-4K offers the highest pixel density yet in the ColorEdge lineup at an astonishing 185 ppi for exceptionally smooth image display. The 4K UHD screen (3840 × 2160) makes it ideal for high-resolution photography or as a reference monitor for 4K video creation.



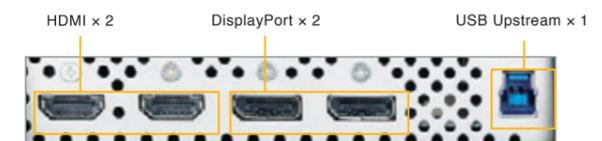
## Quadruple the Resolution of Full HD

The CG319X and CG3145 display the DCI 4K standard (4096 × 2160) which is more than four times that of full HD (1920 × 1080). They are ideal for creating, editing, and referencing with 2D and 3D CGI, VFX, compositing, and color grading.



## DCI 4K at 60 Hz with a Single Cable

The CG3145 and CG319X support the DCI 4K resolution at 60 Hz with the DisplayPort or HDMI input.



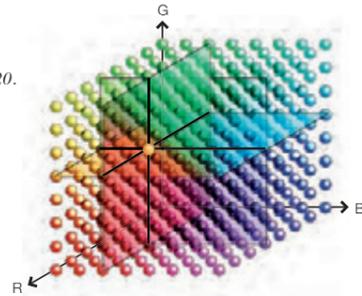
# ColorEdge® CG Series Features

## For Media and Entertainment

### 3D LUT for Accurate Color Display

A 3D LUT is included in the CG Series which adjusts colors individually on an RGB cubic table. The 3D LUT improves the monitor's additive color mixture (combination of RGB), which is a key factor in its ability to display neutral gray tones.

*Not available with the CG2730 or CG2420.*



### Multiple Preset Color Modes

CG Series monitors provide quick access to several broadcast-standard preset color modes via a button on the front of the monitor such as BT.2020 EBU, SMPTE-C, and DCI. 4K models also include a preset mode for BT.2020. In addition, the CG3145, CG319X, and CG279X are equipped with HDR modes for both HLG and PQ gamma curves.

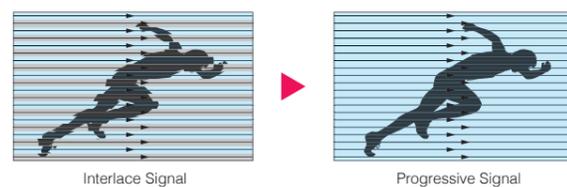
*Not available with the CG2730 or CG2420. Preset color modes vary by model.*



### I/P Conversion for Flicker-Free Display

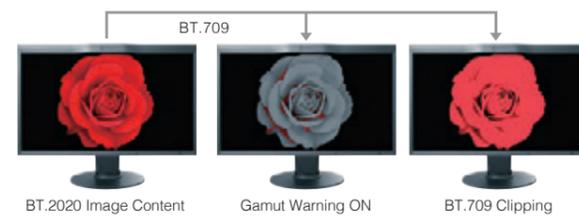
The HDMI input of ColorEdge monitors supports I/P (interlace/progressive) conversion for converting the interlace signals from TV and video into progressive signals for flicker-free display.

*Not available with the CS230.*



### BT.709 Out of Gamut Warning

ColorEdge 4K monitors and CG279X include a Gamut Warning preset. When selected, the areas of a BT.2020 image that cannot be reproduced using BT.709 are clearly indicated by converting them to shades of gray. An additional mode called BT.709 Clipping (Rec. 709 Clipping for 4K models) allows the editor to view BT.2020 images with the BT.709 color space, simulating how it would look to their audience in an HDTV environment.



### True Black Display

In compliance with the DCI standard, the CG319X, CG247X, CG2730, and CG2420 offer a high contrast ratio of 1500:1 and CG279X a contrast ratio of 1300:1 for producing true blacks that are otherwise difficult to display on a typical LCD monitor.

When viewing the screen from an angle in a dimly lit room, dark tones typically appear washed out due to the display characteristics of LCD backlights. The CG Series is equipped with a retardation film which allows tones to retain their depth even when viewed from an angle.

*Contrast ratios refer to typical values when DUE Priority is set to "Brightness".*



### True HDR

HDR (High Dynamic Range) is a range that approximates the human perception of color and light as content is shown on a display device. The ColorEdge PROMINENCE CG3145 achieves the 1000 cd/m<sup>2</sup> high brightness level (typical) needed for HDR content display. It also offers a typical contrast ratio of 1,000,000:1 for displaying true blacks.



### HDR Workflow

In addition to the ColorEdge PROMINENCE CG3145 HDR reference monitor, EIZO offers HLG (hybrid log-gamma) and PQ (perceptual quantization) curves for many of its current CG Series monitors. The optimized gamma curves render images to appear more true to how the human eye perceives the real world compared to SDR (standard dynamic range).



Shooting	VFX	Compositing	Color Grading	
Shooting	Shooting	Shooting	Shooting	Shooting
VFX	VFX	VFX	VFX	VFX
Compositing	Compositing	Compositing	Compositing	Compositing
Color Grading	Color Grading	Color Grading	Color Grading	Color Grading
<b>CG247X</b> 24.1"	<b>CG279X</b> 27"	<b>CG248-4K</b> 23.5"	<b>CG319X</b> 31.1"	<b>CG3145</b> 31.1"
1920 × 1200	2560 × 1440	3840 × 2160	4096 × 2160	4096 × 2160
Color Management Monitors with HDR Gamma				HDR Reference Monitor

# ColorEdge® CG Series Features

For Media and Entertainment

Network Color Management Software

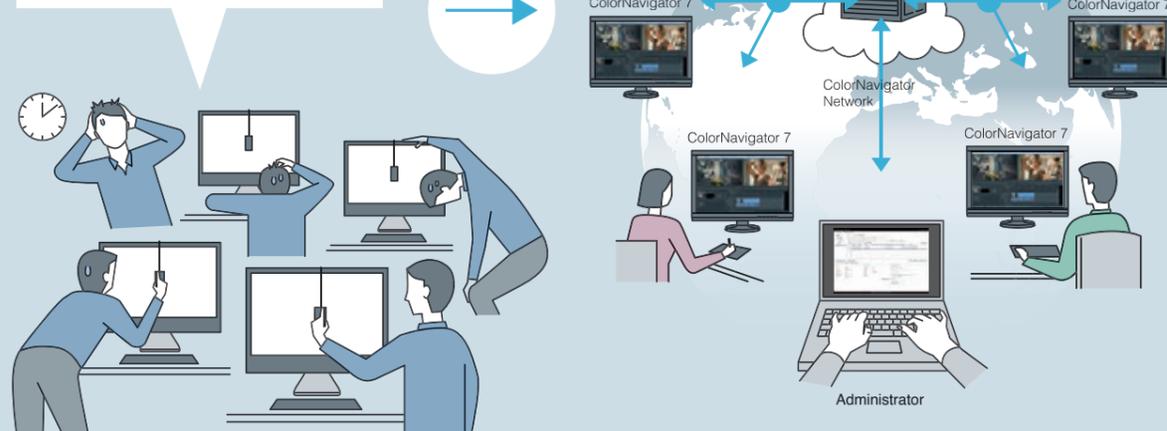
## ColorNavigator™ Network



ColorNavigator Network provides centralized quality control of ColorEdge CG Series monitors that have ColorNavigator 7 or NetAgent installed. ColorNavigator Network is hosted on a secure cloud server. An administrator can set the color modes, schedule self-calibration, activate key lock to prevent unintended changes to color settings, register or adjust asset management settings, and import/export monitor settings.

ColorNavigator Network makes managing multiple monitors on a network simple and efficient.

For many studios, maintaining properly adjusted monitors had to be done manually, consuming a great deal of time.



### Benefits

- 1 Work Efficiency**  
Significantly reduce your workload and annual maintenance costs.
- 2 Remote Color Management**  
Unify color display on all ColorEdge monitors within your organization, even those that are located in other cities or countries.
- 3 Asset Management**  
Smoothly manage assets from a single PC.

# ColorEdge® CS Series - For Aspiring Creatives

**NEW**  
**CS2420**  
24" 1920x1200

**NEW**  
**CS2730**  
27" 2560x1440



## Sleek, User-Friendly Design

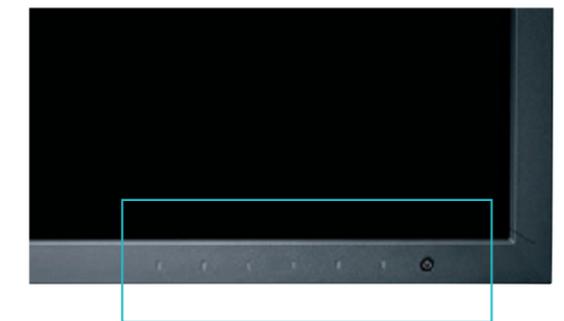
### Slimmer Bezels

The slim cabinet design features unobtrusive frames so you can focus more on the screen. Compared to the previous model, CS2420 and CS2730's bottom bezels are about 59% and 46% slimmer respectively. The CG2730's depth was also reduced by approximately 30% compared to its predecessor.



### Seamless Electrostatic Switches

The flat design uses electrostatic switches on the front bezel in place of traditional buttons for seamless access to the monitor settings.



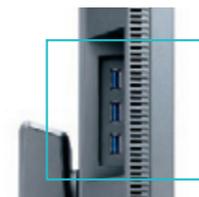
### Built-In Handle for Easy Carrying

A carrying handle on the back of the monitors allows you to easily move them from one location to another. The weight of both monitors has been reduced significantly compared to the previous model to make them even easier to carry.



### Easy-Access USB Ports

The monitors are equipped with three easy-to-access USB 3.0 ports, including one port for battery charging devices such as a smartphone.



## QUICK COLOR MATCH

Use the CS Series with Quick Color Match software to easily achieve accurate prints.

See page 13 for details.



Innovative Solutions

**Built-In Calibration Sensors**

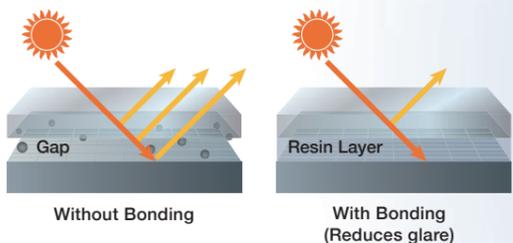


Automatically calibrates while you work

**IP Decoding Monitors**



**In-House Optical Bonding**



**Market-Focused Cloud Solutions**



**Visual Technology Company**



Celebrating the Past  
Visualizing the Future



FlexScan

**Business Enterprise**



ColorEdge

**Creative Work**



CuratOR / RadiForce

**Healthcare**



DuraVision

**Security & Surveillance / Maritime**



Raptor / Re/Vue / SafeGuard

**Air Traffic Control**



FORIS

**Home Entertainment**

Integrated Approach



**Global Reach**



**Customization**



**Quality Control**



**Research and Development**

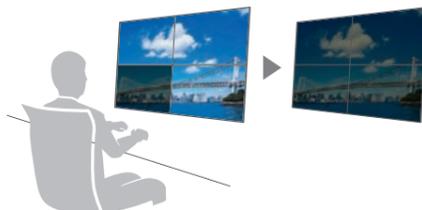


**Manufacturing**

**Software for Improved Workflow**



Use a single mouse across two PCs



Synchronized adjustment of multiple monitors



Simplified CMS with automatic software and printer settings adjustment

Extensive Market Reach

# Specifications



		4K			CG Series				CS Series			
Panel	Type	IPS	IPS	IPS	IPS	IPS	IPS	IPS	IPS	IPS	IPS	IPS
	Backlight	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED	Wide-Gamut LED
	Size	31.1" / 78.9 cm	31.1" / 78.9 cm	23.8" / 60 cm	27" / 68.4 cm	27" / 68 cm	24.1" / 61 cm	27" / 68.5 cm	24.1" / 61 cm	27" / 68.5 cm	24.1" / 61 cm	23" / 58 cm
	Native Resolution	4096 x 2160 (17:9 aspect ratio)	4096 x 2160 (17:9 aspect ratio)	3840 x 2160 (16:9 aspect ratio)	2560 x 1440 (16:9 aspect ratio)	2560 x 1440 (16:9 aspect ratio)	1920 x 1200 (16:10 aspect ratio)	2560 x 1440 (16:9 aspect ratio)	1920 x 1200 (16:10 aspect ratio)	2560 x 1440 (16:9 aspect ratio)	1920 x 1200 (16:10 aspect ratio)	1920 x 1080 (16:9 aspect ratio)
	Viewable Image Size (H x V)	698 x 368.1 mm	296.7 x 335.6 mm	527 x 296.5 mm	596.7 x 335.6 mm	596.7 x 335.6 mm	518.4 x 324 mm	596.7 x 335.6 mm	518.4 x 324 mm	596.7 x 335.6 mm	518.4 x 324 mm	509.2 x 286.4 mm
	Pixel Pitch	0.170 x 0.170 mm	0.170 x 0.170 mm	0.137 x 0.137 mm	0.233 x 0.233 mm	0.233 x 0.233 mm	0.270 x 0.270 mm	0.233 x 0.233 mm	0.270 x 0.270 mm	0.233 x 0.233 mm	0.270 x 0.270 mm	0.265 x 0.265 mm
	Pixel Density	149 ppi	149 ppi	185 ppi	109 ppi	109 ppi	94 ppi	109 ppi	94 ppi	109 ppi	94 ppi	96 ppi
	Grayscale Tones	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand)	USB Type-C, DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort: 1,024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)
	Display Colors	DisplayPort, HDMI: 1.07 billion (a 24-bit palette)	DisplayPort, HDMI: 1.07 billion (a 24-bit palette)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion)	USB Type-C, DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion) DVI: 16.77 million (a palette of 278 trillion)	DisplayPort: 1.07 billion (a palette of 278 trillion) DVI, HDMI: 256 tones (a palette of 65 thousand)
	Viewing Angles (H / V, typical)	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°
	Brightness (typical)	1000 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	120 cd/m <sup>2</sup> or less	300 cd/m <sup>2</sup>	120 cd/m <sup>2</sup> or less	400 cd/m <sup>2</sup>	120 cd/m <sup>2</sup> or less	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
	Recommended Brightness for Calibration	—	120 cd/m <sup>2</sup> or less	120 cd/m <sup>2</sup> or less	350 cd/m <sup>2</sup>	120 cd/m <sup>2</sup> or less	120 cd/m <sup>2</sup> or less	120 cd/m <sup>2</sup>	120 cd/m <sup>2</sup> or less	120 cd/m <sup>2</sup>	120 cd/m <sup>2</sup>	120 cd/m <sup>2</sup> or less
	Contrast Ratio (typical)	1,000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
	HDR Gamma	HLG, PQ curve	HLG, PQ curve	HLG, PQ curve (optional)	HLG, PQ curve (optional)	HLG, PQ curve (optional)	HLG, PQ curve (optional)	HLG, PQ curve (optional)	HLG, PQ curve (optional)	HLG, PQ curve (optional)	HLG, PQ curve (optional)	HLG, PQ curve (optional)
	Response Time (typical)	10 ms (gray-to-gray)	9 ms (gray-to-gray)	14 ms (gray-to-gray)	13 ms (gray-to-gray)	6 ms (gray-to-gray)	10 ms (gray-to-gray)	13 ms (gray-to-gray)	10 ms (gray-to-gray)	10 ms (gray-to-gray)	15 ms (gray-to-gray)	10.5 ms (gray-to-gray)
	Wide Gamut Coverage (typical)	DCI-P3: 99%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%, DCI-P3: 93%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%, DCI-P3: 93%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%	Adobe RGB: 99%			
Video Signals	Input Terminals	DisplayPort x 2 (HDCP 1.3), HDMI x 2 (Deep Color, HDCP 2.2 / 1.4)	DisplayPort x 2 (HDCP 1.3), HDMI x 2 (Deep Color, HDCP 2.2 / 1.4)	DisplayPort x 2 (HDCP 1.3), HDMI x 2 (Deep Color, HDCP 1.4)	USB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort (HDCP 1.3), HDMI (HDCP 1.4), DVI-I (HDCP 1.4)
	Digital Scanning Frequency (H / V)	DisplayPort: 25 - 137 kHz, 23 - 61 Hz HDMI: 15 - 136 kHz, 23 - 61 Hz	DisplayPort: 25 - 137 kHz, 23 - 61 Hz HDMI: 15 - 136 kHz, 23 - 61 Hz	DisplayPort: 24.5 - 137.5 kHz, 22.5 - 71.5 Hz	USB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), DVI-D (HDCP 1.4)	DisplayPort, DVI: 26 - 89 kHz, 23.75 - 63 Hz (VGA Text: 69 - 71 Hz) HDMI: 15 - 78 kHz, 23.75 - 61 Hz	DisplayPort, DVI: 26 - 89 kHz, 23 - 63 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 - 89 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 - 89 kHz, 24 - 61 Hz (VGA Text: 69 - 71 Hz) HDMI: 15 - 78 kHz, 24 - 61 Hz (VGA Text: 69 - 71 Hz)	DisplayPort, DVI: 26 - 68 kHz, 23.75 - 63 Hz (VGA Text: 69 - 71 Hz) HDMI: 15 - 68 kHz, 23.75 - 61 Hz (VGA Text: 69 - 71 Hz)
	Analog Scanning Frequency (H / V)	—	—	—	—	—	—	—	—	—	—	26 - 68 kHz, 47.5 - 61 Hz
USB	Upstream	USB 3.1 Gen1: Type-B	USB 3.1 Gen1: Type-B	USB 3.1 Gen1: Type-B	USB 3.1 Gen1: Type-C (DisplayPort Alt Mode, Power Delivery Source 15 W max.), Type B	USB 2.0: Type-B x 2	USB 2.0: Type-B x 2	USB 3.1 Gen1: Type-B x 2	USB 3.1 Gen1: Type-B x 2	USB 3.1 Gen1: Type-B x 2	USB 3.1 Gen1: Type-B x 2	USB 2.0: Type-B x 2
	Downstream	USB 3.1 Gen1: Type-A x 3 (Battery Charging 10.5 W max.)	USB 3.1 Gen1: Type-A x 3 (Battery Charging 10.5 W max.)	USB 3.1 Gen1: Type-A x 3 (Battery Charging 10.5 W max.)	USB 3.1 Gen1: Type-A x 2, USB 2.0: Type-A x 2	USB 2.0: Type-A x 2	USB 2.0: Type-A x 2	USB 3.1 Gen1: Type-A x 3 (Battery Charging 10.5 W max.)	USB 3.1 Gen1: Type-A (Battery Charging 10.5 W max.)	USB 3.1 Gen1: Type-A x 3 (Battery Charging 10.5 W max.)	USB 3.1 Gen1: Type-A x 3 (Battery Charging 10.5 W max.)	USB 2.0: Type-A x 2
Power	Power Requirements	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V / 200 - 240 V, 50 / 60 Hz	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz	AC 100 - 120 V / 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 V, 50 / 60 Hz	AC 100 - 120 V / 200 - 240 V, 50 / 60 Hz
	Maximum Power Consumption	472 W	140 W	136 W	111 W	99 W	60 W	95 W	79 W	110 W	92 W	54 W
	Typical Power Consumption	267 W	52 W	52 W	32 W	43 W	22 W	33 W	20 W	44 W	26 W	21 W
	Power Save Mode	1.2 W or less	1.2 W or less	9 W or less	1 W or less	0.7 W or less	0.7 W or less	0.6 W or less	0.7 W or less	0.6 W or less	0.6 W or less	0.5 W or less
	Standby Mode	0.7 W or less	1.2 W or less	9 W or less	1 W or less	0.5 W or less	0.5 W or less	0.6 W or less	0.5 W or less			
Features & Functions	Brightness Stabilization	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Digital Uniformity Equalizer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Presets Modes	Color Mode (REC2020, REC709, DCI, PQ_REC2100, PQ_REC709, PQ_DCI, HLG_REC2100, Calibration)	Color Mode (REC2020, REC709, DCI, PQ_REC2100, PQ_REC709, PQ_DCI, HLG_REC2100, Adobe RGB, sRGB, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, REC709, EBU, SMPTE-C, DCI, REC2020, Calibration)	Color Mode (User, BT.2020, BT.709, DCI, PQ_DCI, PQ_BT.2100, HLG_BT.2100, Adobe RGB, sRGB, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, REC709, EBU, SMPTE-C, DCI, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, REC709, EBU, SMPTE-C, DCI, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, Calibration)	Color Mode (User1, User2, User3, Paper, sRGB, Calibration)
	Built-in Calibration Sensor	—	Yes	—	—	Yes	—	Yes	—	Yes	—	—
	Built-in Correction Sensor	—	—	—	—	—	—	—	—	—	—	Yes
Physical Specifications	Dimensions (Landscape, W x H x D)	757 x 488 x 236.5 mm	735 x 434 - 588 x 290 mm	553 x 394 - 544 x 245 mm	638 x 415.9 - 570.9 x 265 mm	646 x 425 - 576.5 x 281.5 mm	575 x 417 - 545 x 245.5 mm	638 x 404.1 - 559.1 x 245 mm	554.4 x 396 - 551 x 245 mm	638 x 404.1 - 559.1 x 245 mm	554.4 x 396 - 551 x 245 mm	544 x 372.5 - 526.5 x 245.5 mm
	Dimensions (Portrait, W x H x D)	—	—	345 x 564 - 642 x 245 mm	390 x 649 - 689 x 265 mm	402 x 671 - 704 x 281.5 mm	398 x 594.5 - 642.5 x 245.5 mm	378.2 x 649 - 689 x 248 mm	362 x 565.4 - 647.2 x 245 mm	378.2 x 649 - 689 x 248 mm	362 x 565.4 - 647.2 x 245 mm	353 x 563.5 - 627 x 245.5 mm
	Dimensions (Landscape with Hood, W x H x D)	778 x 498.5 x 355.6 mm	735 x 423 x 71.5 mm	553 x 345 x 64 mm	638 x 390 x 69.4 mm	646 x 402 x 92 mm	575 x 398 x 75 mm	638 x 378.2 x 64 mm	554.4 x 362 x 64 mm	638 x 378.2 x 64 mm	554.4 x 362 x 64 mm	544 x 353 x 75 mm
	Dimensions (Portrait with Hood, W x H x D)	—	754.4 x 443.6 - 597.6 x 381.5 mm	572.4 x 403 - 553 x 340 mm	657.4 x 425.6 - 580.6 x 353.5 mm	653 x 432.5 - 584 x 379.5 mm	596 x 427.8 - 555.8 x 356.7 - 380 mm	657.4 x 413.8 - 568.8 x 336 mm	572.4 x 405 - 560 x 336 mm	—	—	—
	Net Weight	25.8 kg / 56.9 lbs	12.4 kg / 27.3 lbs	8.5 kg / 18.7 lbs	10.3 kg / 22.7 lbs	12.8 kg / 28 lbs	8.9 kg / 19.6 lbs	8.9 kg / 19.6 lbs	7.8 kg / 17.2 lbs	8.9 kg / 19.6 lbs	7.8 kg / 17.2 lbs	7.5 kg / 16.5 lbs
	Net Weight (Without Stand)	—	8.3 kg / 18.3 lbs	5.7 kg / 12.6 lbs	6.6 kg / 14.6 lbs	8.8 kg / 19.4 lbs	6.2 kg / 13.7 lbs	6.1 kg / 13.4 lbs	5.0 kg / 11.0 lbs	6.1 kg / 13.4 lbs	5.0 kg / 11.0 lbs	4.8 kg / 10.6 lbs
	Net Weight (With Hood)	26.7 kg / 58.9 lbs	13.3 kg / 29.3 lbs	9.2 kg / 20.3 lbs	11 kg / 24.3 lbs	13.8 kg / 30.4 lbs	9.7 kg / 21.4 lbs	9.5 kg / 20.9 lbs	8.5 kg / 18.7 lbs	—	—	—
	Height Adjustment Range	—	154 mm	155 mm	155 mm	151.5 mm	155 mm	155 mm	155 mm	155 mm	155 mm	154 mm
	Tilt	—	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down	35° Up, 0° Down	35° Up, 0° Down	35° Up, 5° Down	30° Up, 0° Down			
	Swivel	—	344°	344°	344°	344°	344°	344°	344°	344°	344°	344°
	Pivot	—	—	90°	90°	90°	90°	90°	90°	90°	90°	90°
	Hole Spacing (VESA Standard)	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm
Environmental Requirements	Temperature	0 - 30 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C	0 - 35 °C
	Humidity (R.H., non condensing)	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %	20 - 80 %
Certifications & Standards (Please contact EIZO for the latest information.)		CB, CE, TUV/GS, cTUVus, FCC-B, CAN ICES-3 (B), VCCI-B, TUV/Ergonomie, RCM, EAC, RoHS, WEEE, China RoHS, CCC, BSMI	CB, CE, TUV/GS, cTUVus, FCC-B, CAN ICES-3 (B), VCCI-B, TUV/Ergonomie, RCM, EAC, RoHS, WEEE, China RoHS, CCC	CB, CE, TUV/GS, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomie, RCM, EAC, RoHS, WEEE, TUV/Color Accuracy (Quick Stability)	CB, CE, TUV/GS, CE, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomics, RCM, EAC, RoHS, WEEE, CUDO certified mark, TUV/Color Accuracy (Quick Stability)	CB, TUV/GS, CE, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomics, RCM, RoHS, WEEE, EAC, TUV/Color Accuracy (Quick Stability)	CB, CE, TUV/GS, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomics, RCM, RoHS, WEEE, EAC, TUV/Color Accuracy (Quick Stability)	CB, CE, TUV/GS, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomics, RCM, RoHS, WEEE, EAC, TUV/Color Accuracy (Quick Stability)	CB, CE, TUV/GS, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomics, RCM, RoHS, WEEE, EAC, TUV/Color Accuracy (Quick Stability)	CB, CE, TUV/GS, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomics, RCM, RoHS, WEEE, EAC, TUV/Color Accuracy (Quick Stability)	CB, CE, TUV/GS, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomics, RCM, RoHS, WEEE, EAC, TUV/Color Accuracy (Quick Stability)	CUDO certified mark, TCO Displays 6.0, TUV/S/TUV/ Ergonomics, TUV/GS, cTUVus, CE, RCM, RoHS, WEEE, EAC, Energy labeling of televisions
Warranty		Five Years <sup>1, 2, 3</sup>	Five Years <sup>1, 2, 3</sup>	Five Years <sup>1, 2, 3</sup>	Five Years <sup>1, 2, 3</sup>	Five Years <sup>1, 2, 3</sup>	Five Years <sup>1, 2, 3</sup>	Five Years <sup>1, 2, 3</sup>	Five Years <sup>1, 2, 3</sup>	Five Years <sup>1, 2, 3</sup>	Five Years <sup>1, 2, 3</sup>	Five Years <sup>1, 3</sup>
Dimensions (Unit: mm)												

<sup>1</sup> Usage time is limited to 30,000 hours (10,000 hours for the CG3145 LCD panel).  
<sup>2</sup> Brightness of the CG Series is warranted for up to 10,000 hours if it is used within the recommended brightness of 120 cd/m<sup>2</sup> or less and the color temperature between 5,000–6,500K.  
 For CG3145, a brightness level of 800 cd/m<sup>2</sup> or more and a color temperature of 6500 K are warranted. For CG279X and CG319X, a brightness level of 120 cd/m<sup>2</sup> or more and a color temperature of 5000 - 6000K are warranted.  
<sup>3</sup> Free from bright sub-pixels for 6 months from the date of purchase.  
 With current LCD technology, a panel may contain a limited number of missing or flickering pixels.

## Accessories

### Monitor Hoods

Monitor hoods are bundled with the CG Series and optional for the CS Series.



### CH2700

Supported Models: CG2730, CS2730

### CH2400

Supported Models: CG248-4K, CG2420, CS2420

### CH6

Supported Models: CS230

### CH5

Supported Models: CG277

### Area Light

### RadiLight™

Easily attachable 6500 K light that relieves eye fatigue when viewing your monitor in a dark room. Supported Models: CG318-4K, CG248-4K, CG277, and CG247X



### Calibration Device

### EX3

Adjust CS Series monitors to your ideal settings with this external calibration device.



### Monitor Cleaning Kit

### ScreenCleaner™

Wipe away dust and fingerprints with this screen cleaner kit. Includes pump spray and cloth. Bundled with the CG series.



### Software

Screen-to-Print Color Matching Tool

### QUICK COLOR MATCH

Easy color matching tool for simplifying monitor, retouching software, and printer settings.



Color Management Software

### ColorNavigator 7

Color management and quality control software for simple calibration and predictable color results.



Network Color Management Software

### ColorNavigator Network

Network color management software for centralized quality control of ColorEdge monitors on a network.



ColorNavigator 7 Compatibility Information (as of August, 2018)  
See [www.eizoglobal.com](http://www.eizoglobal.com) for the latest information.

	Mac	Windows	Linux	Notes
<b>Compatible OS</b>	macOS High Sierra (10.13) / macOS Sierra (10.12) / OS X El Capitan (10.11)	Windows 10 (32-bit, 64-bit) / 8.1 (32-bit, 64-bit) / 7 (32-bit, 64-bit)	Red Hat Enterprise Linux 7 (64-bit)	
<b>Supported Monitors</b>	CG3145, CG319X, CG318-4K, CG248-4K, CG279X, CG277, CG2730, CS2420, CS270, CS240			
	CG276, CG275W, CG246, CG245W			Color Mode selection not available. Adjustable values vary by model. Device Emulation, ICC Profile Emulation, Log View LUT Emulation are not supported.
	CX270, CX240, CS230			Color Mode selection not available. Adjustable values vary by model.

Manufacturer	Supported Sensor	ColorEdge CG Series / CX Series	ColorEdge CG3145	Notes
<b>X-Rite</b>	i1 Monitor (XRGA),	Yes	Not Supported	Ambient light adjustment is not available with the i1 Monitor or i1 Display. When measuring the CG3145 using i1 Pro 2, it is necessary to place the device away from the panel surface.
	i1 Pro (XRGA)	Yes	Not Supported	
	i1 Pro 2 (XRGA)	Yes	Yes	
	i1 Display 3	Yes	Not Supported	
	i1 Display Pro	Yes	Not Supported	
	i1 Studio	Yes	Not Supported	
<b>Datacolor</b>	ColorMunki PHOTO	Yes	Not Supported	ColorMunki Display and ColorMunki Smile are not supported.
	ColorMunki DESIGN	Yes	Not Supported	
<b>EIZO</b>	Spyder4	Yes	Not Supported	Not compatible with Linux. Ambient light adjustment and gray balance prioritizing function are not available.
	Spyder5	Yes	Not Supported	
<b>baslCColor</b>	EX2	Yes	Not Supported	Not compatible with Linux. Ambient light adjustment and gray balance prioritizing function are not available.
	EX3	Yes	Not Supported	
	Built-In Calibration Sensor	Yes	Not Available	
<b>baslCColor</b>	DISCUS	Yes	Not Supported	Not compatible with Linux.
<b>Klein</b>	K-10	Yes	Yes	Ambient light adjustment and paper white measurement are not available.
	K-10A	Yes	Yes	
<b>Photo Research</b>	PR-655	Yes	Yes	Ambient light adjustment and paper white measurement are not available.
	RP-670	Yes	Yes	
	PR-680	Yes	Yes	
<b>Konica Minolta</b>	CS-2000	Yes	Yes	Not compatible with Mac OS X or Linux. Ambient light adjustment and paper white measurement are not available. Drivers not included.
	CS-2000A	Yes	Yes	
	CS-200	Yes	Yes	
	CA-210	Yes	Not Supported	
	CA-310	Yes	Not Supported	
<b>Colorimetry Research</b>	CR-100	Yes	Yes	Ambient light adjustment is not available. Drivers not included.
	CR-250	Yes	Yes	
	CR-300	Yes	Yes	
<b>JETI</b>	Specbos 1211	Yes	Yes	Drivers not included.
	Spectraval 1501	Yes	Yes	
<b>TOPCON</b>	SR-3	Yes	Not Supported	Not compatible with Mac OS X or Linux. Ambient light adjustment is not available. Drivers not included.
	SR-UL1R	Yes	Yes	
<b>DK Technologies</b>	PM-5639	Yes	Not Supported	Not compatible with Mac OS X or Linux. Ambient light adjustment is not available.

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Printed in Japan, 8, 2018,3K (180706)