



ColorEdge®



Pure Vision.
True Precision.

Pure Vision. True Precision.

Express every detail exactly as you
envision with ColorEdge.

SCIENTIFIC
& TECHNICAL
AWARDS



In 2021, EIZO accepted an Academy of Motion
Picture Arts and Sciences Sci-Tech Award for its
ColorEdge CG Series monitors.

Learn more >>



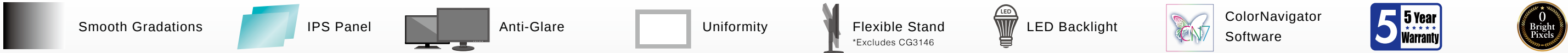
For the Creative Professional **CG Series**

Professional



	CG3146	CG319X	CG279X	CG2730	CG2420
Size	31.1"	31.1"	27"	27"	24.1"
Native Resolution	DCI 4K / 4096 × 2160	DCI 4K / 4096 × 2160	2560 × 1440	2560 × 1440	1920 × 1200
Pixel Pitch	149 ppi	149 ppi	109 ppi	109 ppi	94 ppi
Contrast Ratio	1,000,000:1	1500:1	1300:1	1500:1	1500:1
Color Gamut	DCI-P3 99%	Adobe RGB 99% DCI-P3 98%	Adobe RGB 99% DCI-P3 98%	Adobe RGB 99% DCI-P3 98%	Adobe RGB 99% DCI-P3 98%
HDR Gamma	HLG, PQ curve	HLG, PQ curve	HLG, PQ curve	—	—
Calibration Sensor	Built-in	Built-in	Built-in	Built-in	Built-in
Automatic Recalibration	Yes	Yes	Yes	Yes	Yes
Time to Stabilize	3 minutes	3 minutes	3 minutes	3 minutes	3 minutes
Features for M&E See pages 20 - 21.	Yes	Yes	Yes	—	—
Input Terminals	12G/6G/3G-SDI in/out ×1 3G-SDI in/out ×3 DisplayPort ×1 HDMI ×1	DisplayPort ×2 HDMI ×2	USB Type-C ×1 DisplayPort ×1 HDMI ×1 DVI-D 24pin ×1	DisplayPort ×1 HDMI ×1 DVI-D 24pin ×1	DisplayPort ×1 HDMI ×1 DVI-D 24pin ×1

Shared Features



For the Creative in Everyone

CS Series

Standard

4K 27" CS2740



27" CS2731



24.1" CS2420

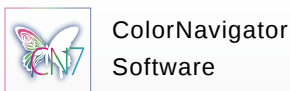
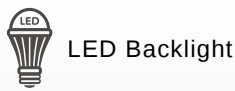
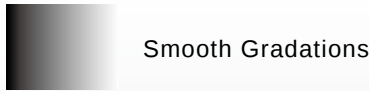


24.1" CS2410



	CS2740	CS2731	CS2420	CS2410
Size	27"	27"	24.1"	24.1"
Native Resolution	4K UHD / 3840 × 2160	2560 × 1440	1920 × 1200	1920 × 1200
Pixel Pitch	164 ppi	109 ppi	94 ppi	94 ppi
Contrast Ratio	1000:1	1000:1	1000:1	1000:1
Color Gamut	Adobe RGB 99%	Adobe RGB 99%	Adobe RGB 99%	sRGB 100%
HDR Gamma	—	—	—	—
Calibration Sensor	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory
Automatic Recalibration	—	—	—	—
Time to Stabilize	—	—	—	—
Features for M&E	—	—	—	—
Input Terminals	USB Type-C ×1 HDMI ×1 DisplayPort ×1	USB Type-C ×1 HDMI ×1 DisplayPort ×1 DVI-D 24pin ×1	DisplayPort ×1 HDMI ×1 DVI-D 24pin ×1	DisplayPort ×1 HDMI ×1 DVI-D 24pin ×1

Shared Features



ColorEdge® Ambassador Program

The ColorEdge Ambassador Program showcases professional photographers, designers, filmmakers, and other creatives who are committed to inspiring and educating artists around the world of all levels.

				Photography		
Design						
				Filmmaking		
		Printing				
			See more Ambassadors on EIZO's website.			
ColorEdge Ambassador						



Photography

Precision every pro can rely on.

For professionals, ColorEdge stands for absolute precision and reliability. Whether your subjects are people, landscapes, wildlife, or something else, ColorEdge faithfully reproduces every tone, and detail with exceptional accuracy.

- Studio Shooting
- Location Shooting
- Photo Editing & Printing
- Presenting to Clients



Photography

Engage in your creative passions.

ColorEdge offers the perfect balance of color accuracy and comfort for aspiring creatives and enthusiasts of all levels. Engage in your passions with confidence knowing that what you see is what you get every time.

Hobby Photography
Hobby Video Creation
Photo Printing at Home
Web Image Creation

Illustration

Enjoy creating with peace of mind.

Enjoy illustrating your personal projects comfortably with ColorEdge. Every color and detail displays correctly so you can stay focused on creating.

Pen Tablet Drawing
Personal Art Creation
Web Image Creation





Post Production

Streamlined workflow for any size project.

The ColorEdge range covers the entire post production workflow from shooting to color grading to ensure creators and editors view a consistent image throughout the pipeline. With automatic calibration, HDR, and other features for world-class video production, ColorEdge is a reliable partner for every studio.

Film Shooting
Video Editing
Compositing
Color Grading

Mastering
VFX Creation
3DCG Creation
Animation

Color Precision Relied on by Studios Worldwide

Skydance Media



Terminator: Dark Fate VFX Brought to Life with ColorEdge

“The best part of the EIZO hardware is that it self-calibrates and as a supervisor that’s critical because you want to know what you are looking at is perfect, is color accurate, and is sharp and consistent.”

Netflix / Production I.G



World's First 4K HDR Hand-Drawn Animation Project

“Using ColorEdge PROMINENCE as a reference monitor provided absolute confidence that what [the editors] were looking at during production would be consistent.”

Studio AKA



Creating Award Winning Content

“The monitors have made a monumental improvement to our workflow. We can view and produce 4K HDR material, the artists feel they can trust what they are seeing is accurate, and the self-calibration feature is excellent, making sure the crew is always looking at things correctly.”

Origin Point



Commercial, Narrative, and Documentary Production

“For filmmakers it's important to have a tool like this that we use everyday. Having a monitor that's going to give you an accurate representation is everything.”

See more case studies >>



Case Studies

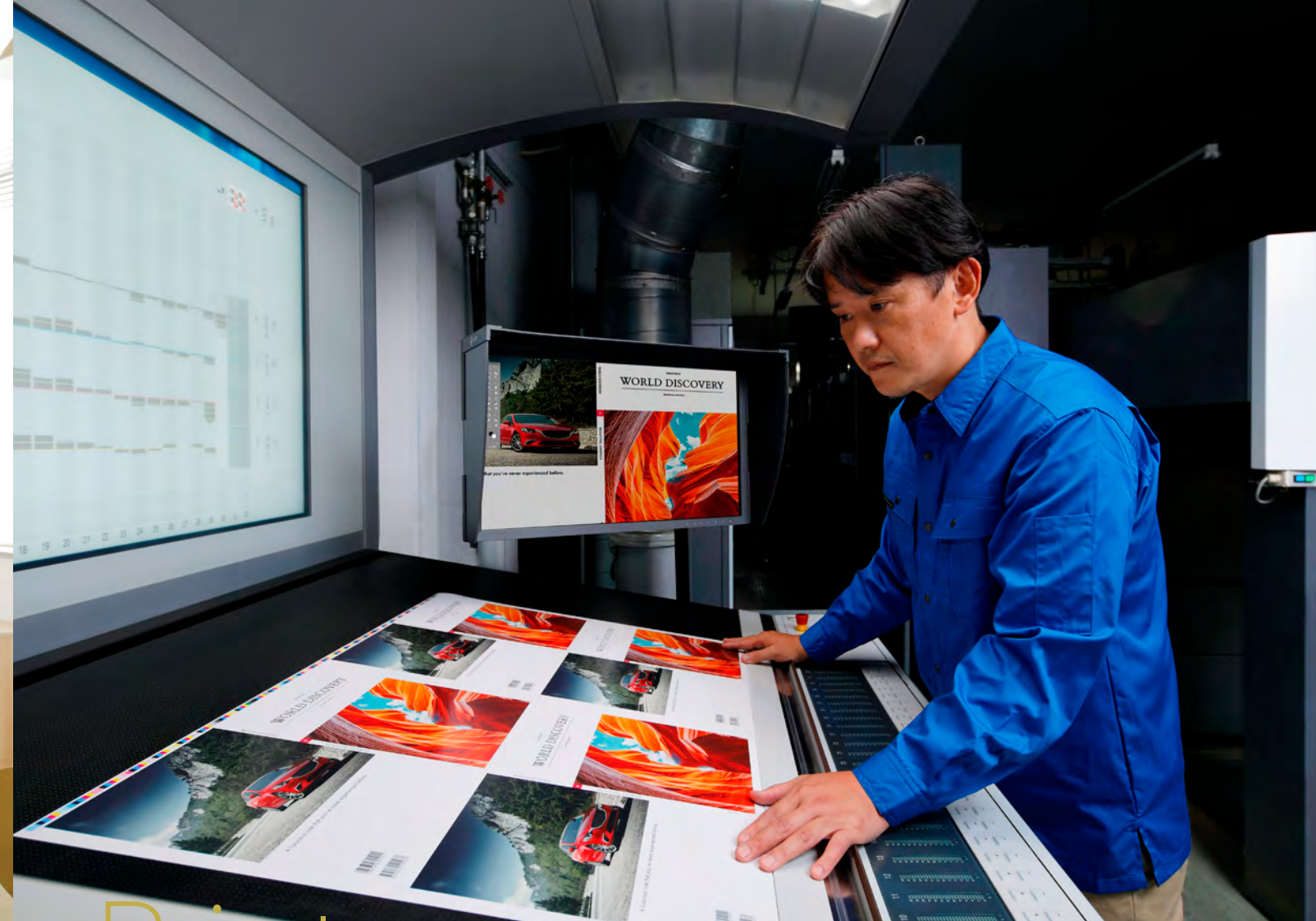


Design

Consistent images at every step of the process.

Using ColorEdge throughout the design and printing workflow ensures the same color information is shared at each step of the process. Rest assured that images display consistently at each designer workstation for a reliable end result.

Website Design
Image Editing & Retouching
Print Material Layout
Illustration
CAD Creation



Print

The perfect print result.

ColorEdge ensures that what you see on the screen prints exactly as you expect in the final output. Deliver precise prints that accurately reflect digital files without needing to carry out costly reprints.

Softproofing
Commercial Printing
Textiles

1 In-House Production with No Compromises

From the IC chip to unique software, ColorEdge is built from the ground up in-house to ensure the highest precision. EIZO's rigorous quality control and high production standards ensure that every monitor is accurate when it leaves the factory.



ColorEdge Users *Case studies*

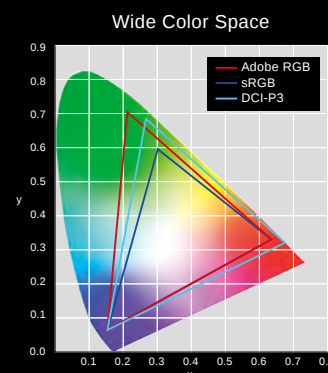
Learn more >>



True Reproducibility for the Perfect Image

2 Faithful Color Reproduction with Wide Color Gamut

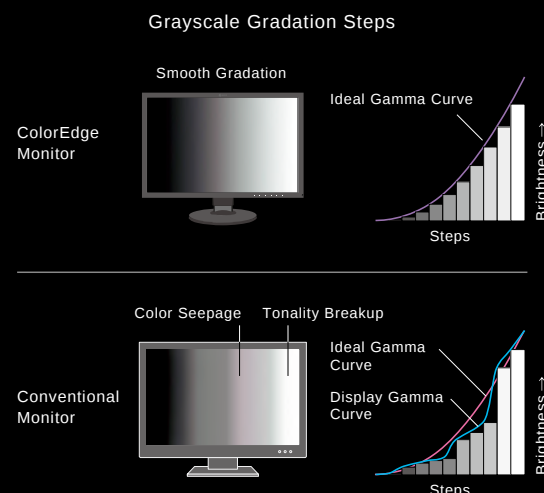
The wide color gamut covers 99% of the Adobe RGB color space so images are reproduced faithfully in a way that monitors limited to an sRGB color space cannot. The wide color gamut also reproduces almost the entire ISO-coated and US web-coated CMYK color spaces used in printing.



3 Adjusted at the Factory for Smooth Gradations

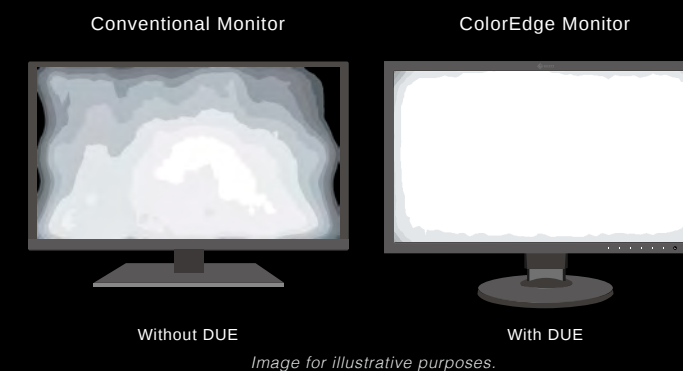
ColorEdge monitors are individually adjusted in-house at EIZO's factory by using one of the color industry's highest end, professional spectrophotometers. Red (R), green (G), and blue (B) gamma values are measured from 0 - 255, then the monitor's 16-bit or 24-bit LUT* is used to select the 256 most appropriate tones for the smoothest color gradations. This results in an image without deviated steps.

*CG3146 and CG319X utilize a 24-bit LUT.



4 Uniformity Across the Screen

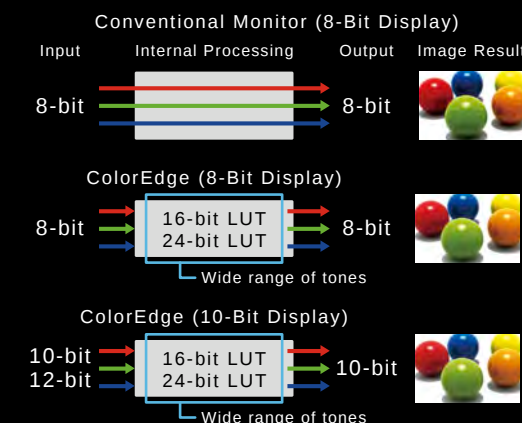
LCD monitors commonly exhibit fluctuations in brightness and chromaticity across the screen, affecting color accuracy. To counter this, ColorEdge monitors are equipped with EIZO's patented digital uniformity qualizer (DUE) technology which corrects deviations in every tone across the screen to ensure stable display.



5 10-Bit Simultaneous Display

The monitors have 10-bit simultaneous display from a 16-bit or 24-bit LUT which means they can show more than one billion colors at the same time. This ensures smooth color rendition with reduced Delta-E between adjacent colors.

DVI connections input at 8 bits. 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 HDMI input. CS2410 supports 8-bit display only.



1 Built-In Calibration Sensor to Automate Your Workflow

CG Series monitors are equipped with a built-in sensor*, designed and manufactured by EIZO, 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. The CG319X and CG279X feature the latest sensor technology, allowing you to continue to use the monitor even during recalibration.

*Patent no. 4588044, 5202654, 4809453, 6283555



Sensor swings onto the monitor only when calibrating.

DCI
4K
4096×2160

3 High Resolution for Extreme Detail

The CG319X and CG3146 display the DCI 4K standard (4096 x 2160) which is more than four times that of full HD (1920 x 1080). See every detail when creating, editing, and referencing for a range of creative fields.



CG Series Features for the Creative Professional

4 Stable Color in Just 3 Minutes

While a conventional monitor takes an average of 30 minutes or more for its brightness and tone characteristics to stabilize, the CG Series takes just 3 minutes. Whether you are working in the studio or on location, ColorEdge will display content accurately soon after being turned on.

5 Protect Your Screen from Glare

Every CG Series monitor comes with a light-shielding hood that effectively prevents glare on the monitor's screen caused by external light sources. It attaches to the monitor magnetically for quick and easy setup.

6 True Black Display

CG Series monitors offer a high contrast ratio of 1500:1* for producing true blacks that are otherwise difficult to display accurately on a conventional LCD monitor. They are also equipped with a retardation film so tones retain their depth even when viewed from an angle.

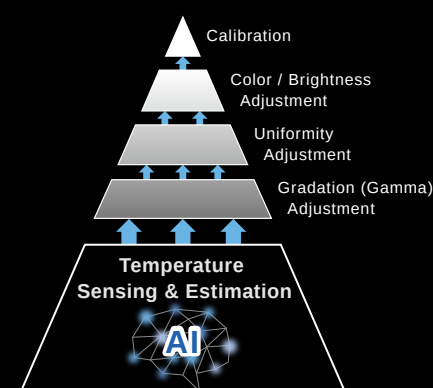
*CG3146 contrast ratio is 1,000,000:1
CG279X contrast ratio is 1300:1



2 Stable Display Using Industry-First AI

The color and brightness of an LCD monitor can shift due to changes in ambient temperature and the temperature of the monitor itself. CG Series monitors are equipped with a sensor for accurately measuring the temperature of the surrounding environment. 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 CG3146, CG319X, and CG279X for distinguishing between various temperature changing patterns to calculate even more accurate correction.

*Patent no. 6723964





1 Scientific and Technical Award

The Academy's Scientific and Technical Awards honor individuals and companies whose innovations have contributed in significant and lasting ways to motion pictures. In February 2021, EIZO was honored to receive the esteemed award for its ColorEdge CG Series with built-in calibration sensors.

SCIENTIFIC
& TECHNICAL
AWARDS

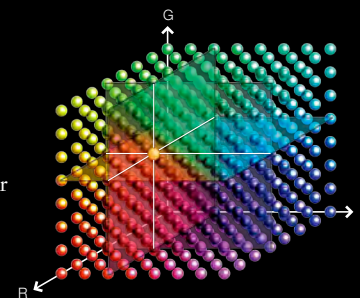


Learn more >>



3 3D LUT for Accurate Color Display

The 3D LUT adjusts colors individually on an RGB cubic table which improves the monitor's additive color mixture. This is key to displaying neutral gray and other tones.

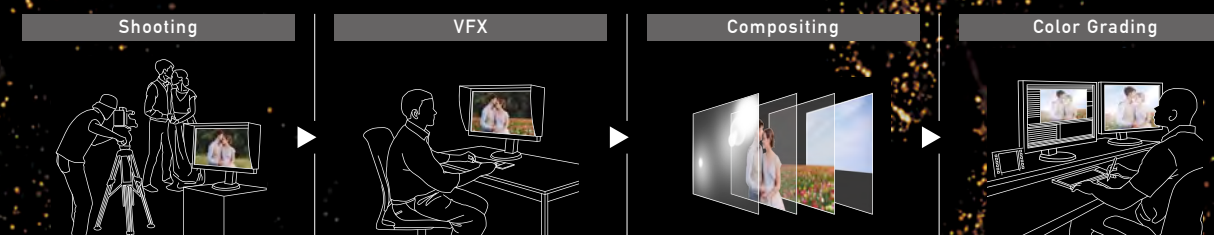


4 SDI Connectivity

The CG3146 is equipped with a Single-Link 12G/6G/3G/HD-SDI and Dual- or Quad-Link 3G*/HD-SDI connections for seamless transmission of 4K video data.
*2 sample interleave supported.

5 Post Production Workflow

HDR (High Dynamic Range) is a range that approximates the human perception of color and light as content is shown on a display device. EIZO offers HLG and the PQ curve for several CG Series monitors to support the HDR workflow from shooting to color grading.

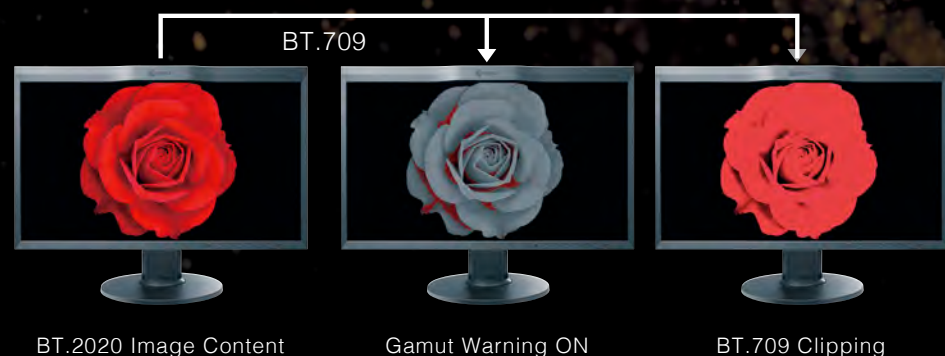


CG Series Features for Media & Entertainment

2 BT.709 Out of Gamut Warning

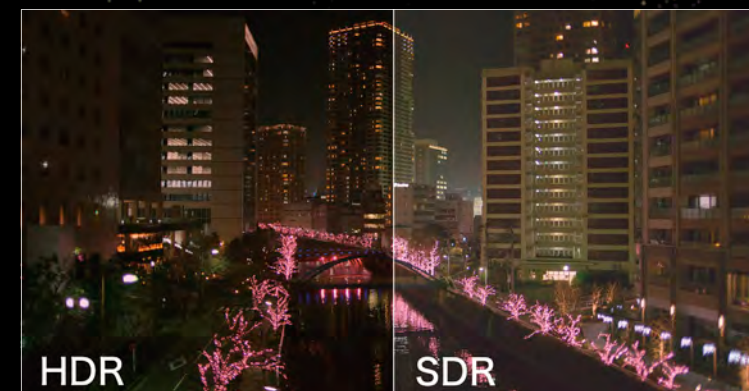
CG Series monitors include a Gamut Warning preset. When selected, the areas of a BT.2020 image that cannot be reproduced in BT.709 are indicated by displaying them in shades of gray. An additional mode called BT.709 Clipping allows the editor to view BT.2020 images with the BT.709 color space, simulating how it would look to their audience in an HDTV environment.

Excludes CG2730 and CG2420.



6 True HDR

The CG3146 achieves a 1000 cd/m² (typical) high brightness level and 1,000,000:1 contrast ratio for displaying HDR content faithfully.



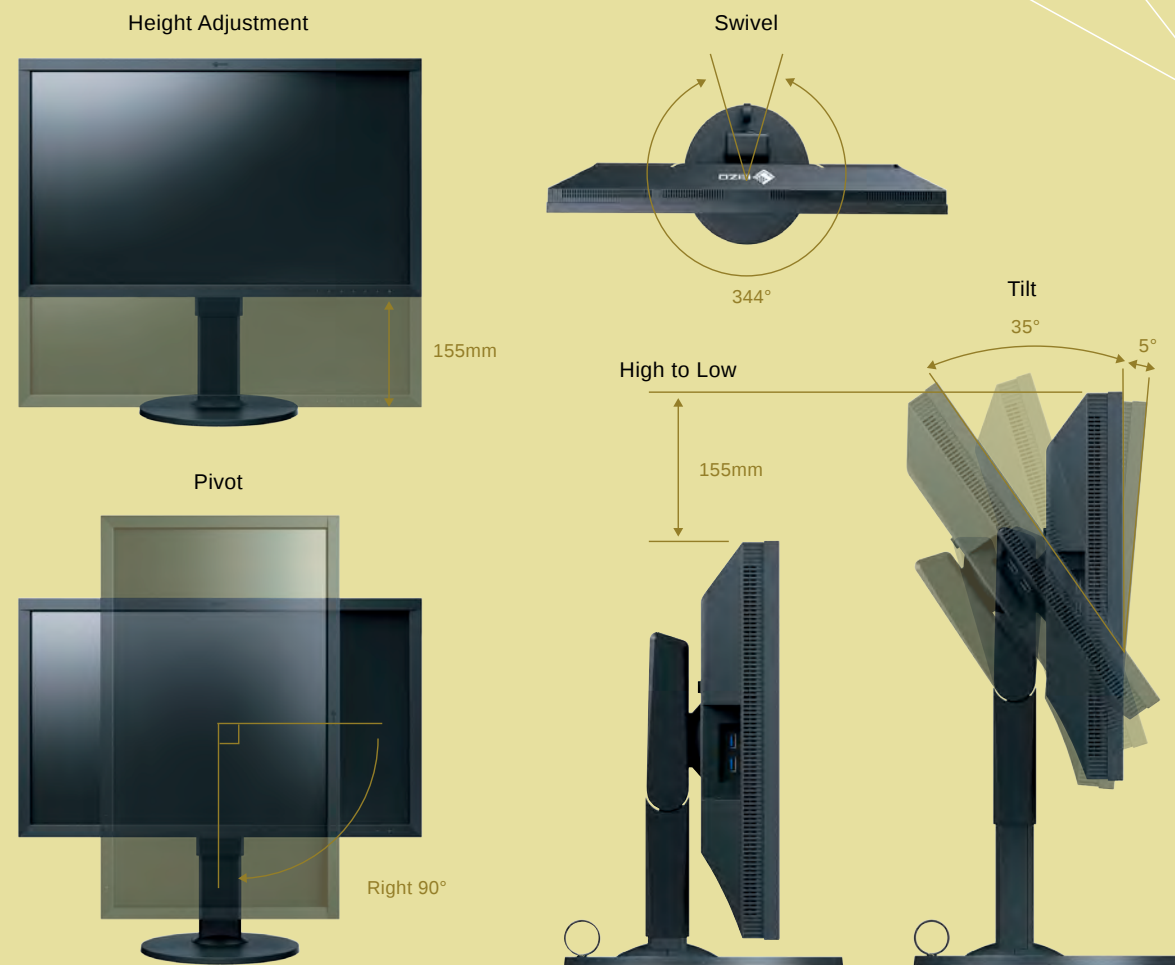
Single Cable Connection with USB Type-C®

The CG279X, CS2740, and CS2731 are equipped with USB Type-C for easily connecting a notebook PC using a single cable. Simply plug in and get creative without worrying about additional cable clutter. CS2740 and CS2731 additionally feature 60 W power delivery for keeping your notebook charged.



Highly Versatile Stand

Adjust the screen to the most comfortable angle or reposition it to show your work to a colleague or client. The versatile stand offers height, tilt, and swivel adjustment. The stand is also equipped with a quick release button that allows you to easily remove the screen from the stand with a single touch.



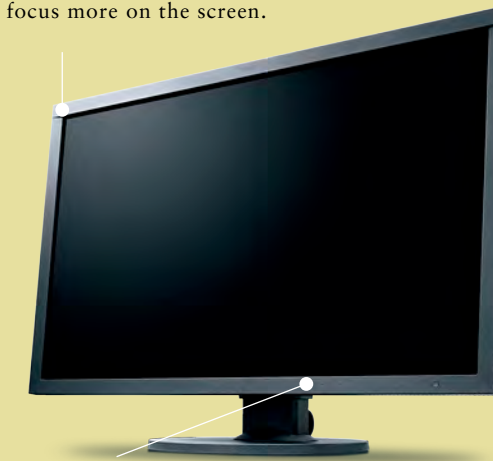
Pictured: CS2731 stand. CG3146 comes with a non-adjustable stand.

Sleek, User-Friendly Design

Bezels

Slim Bezels

ColorEdge monitors feature unobtrusive bezels so you can stay comfortable and focus more on the screen.



Handle

Built-In Carrying Handle

The handle on the back of the monitor allows you to easily move it to another location.



Switches

Seamless Electrostatic Switches

Electrostatic switches are integrated in place of traditional buttons for seamless operation of the monitor.

Excludes CG3146.

Comfort and Ease-of-Use

Easy-Access USB 3.1 Ports

ColorEdge monitors are equipped with multiple USB 3.1 ports conveniently located on the side of the monitor for easy access. Furthermore, most models enable battery charging of up to 10.5 W for quickly charging a smartphone.

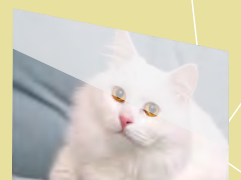


Non-Glare Panel for a Clear View

ColorEdge monitors are equipped with an IPS non-glare panel to minimize reflections for high visibility. They also implement dimming technology to help prevent eye fatigue for a more comfortable viewing environment.



ColorEdge Monitor



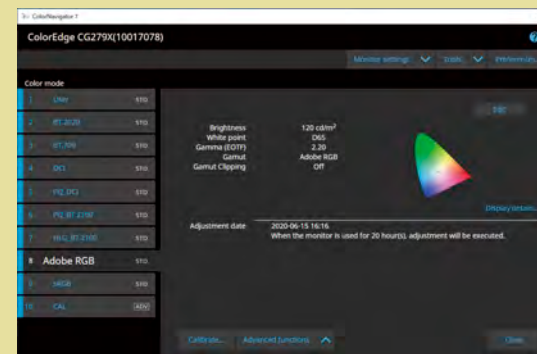
Conventional Monitor

ColorNavigator 7



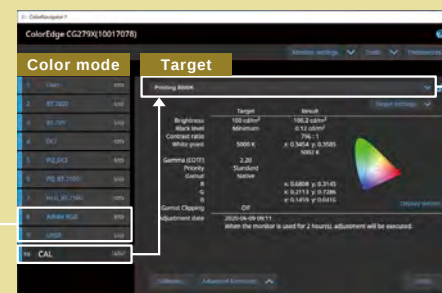
High-Precision Color Management

ColorNavigator 7 is EIZO's unique color management software solution for adjusting and maintaining color accuracy of ColorEdge monitors. It makes calibration simple and produces predictable results for all creative fields.



Multiple Color Modes to Suit Your Field

Photography, design, print, web, and more - ColorNavigator 7 includes multiple color modes so you can choose the one that matches your target values. The list is populated according to the monitor's OSD menu so all possible options are covered. Furthermore, you can calibrate all color modes (Standard Mode) simultaneously, saving you time while ensuring your screen remains accurate.



Example Color Modes

sRGB
Brightness: 120 cd/m²
Color Temperature: 6500K
Gamma: 2.2
Gamut: sRGB

Adobe RGB
Brightness: 120 cd/m²
Color Temperature: 6500K
Gamma: 2.2
Gamut: Adobe RGB

Print Proofing

Brightness: 120 cd/m²
Color Temperature: 5000K
Gamma: 2.2
With Gray Balance
Gamut: Native



Change Modes at the Touch of a Button

After calibrating with ColorNavigator 7, you can change the display mode via the switches or buttons on the front of the monitor.



External Calibration Sensor



EX4

The EX4 is an external calibration sensor that can be used with ColorNavigator 7 to calibrate your ColorEdge monitor.

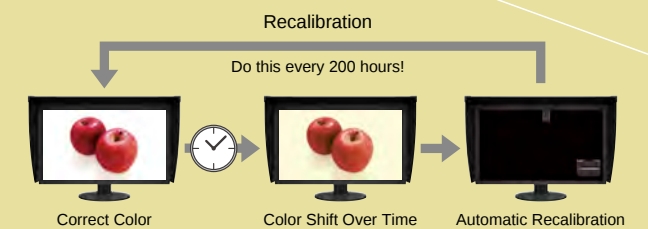


What is Calibration?

Calibration is a method by which a monitor's display characteristics are adjusted to a target value using a dedicated sensor. Software calibration modifies the signal from your graphics board and is available for conventional monitors. ColorEdge monitors and ColorNavigator 7 carry out hardware calibration, which controls the hardware of the monitor directly by utilizing its LUT. This method offers higher precision and better gradation characteristics compared to software calibration.

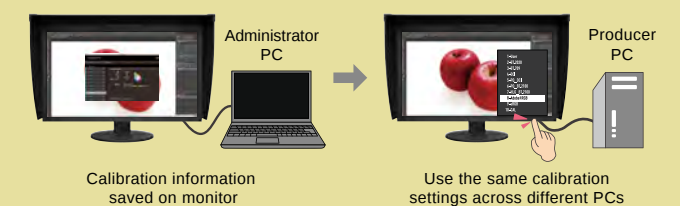
Schedule Automatic Recalibration

A monitor needs to be recalibrated at regular intervals to maintain color accuracy. With ColorNavigator 7, you can schedule a CG Series monitor with built-in sensor to automatically recalibrate at a specific time or at regular intervals.



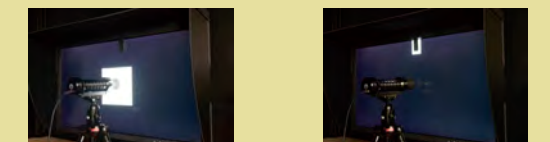
Maintain Calibration Settings Even on Different PCs

Calibration information is saved to each ColorEdge monitor instead of the operating system. This means that users do not need to recalibrate the monitor, even when using a different PC.



Correlation with Spectrophotometers

Many post production, VFX, and broadcasting studios define a specific spectrophotometer as the master sensor for their internal color management framework. CG Series built-in calibration sensors can be correlated to any high-end spectrophotometer using ColorNavigator 7 to ensure each project meets defined standards.



Built-in calibration sensors correlate to high-end spectrophotometers

See EIZO's website for compatibility with calibration sensors, operating systems, and more.

ColorNavigator 7



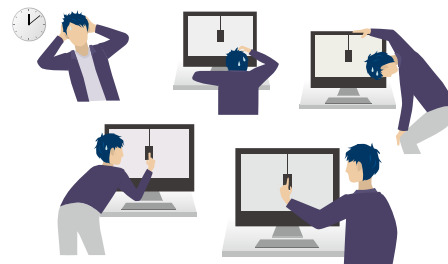
ColorNavigator Network



For studios with multiple monitors

ColorNavigator Network provides centralized quality control of ColorEdge monitors for studios, printing houses, and other enterprises with multiple creators and editors who work on shared projects. With NetAgent or ColorNavigator 7 installed on the workstation, administrators can remotely manage multiple ColorEdge monitors on the network.

Adjusting conventional monitors one by one takes time.



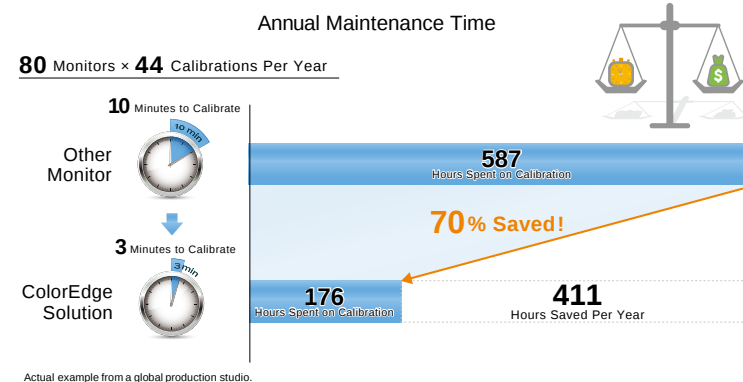
ColorNavigator Network
Secure Cloud Server



Features

- ✓ Calibrate all monitors remotely
- ✓ Assign color modes to monitors based on project
- ✓ Check monitor status and manage assets
- ✓ Consistent color communication between editors
- ✓ Hosted on a secure cloud server

Save Time and Labor



See EIZO's website for the latest info supported ColorEdge models.

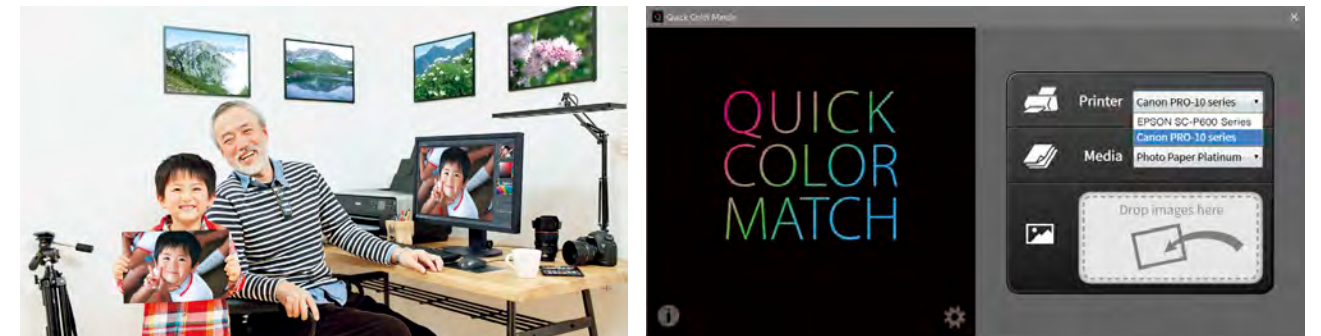
ColorNavigator Network



QUICK COLOR MATCH



For printing photos at home



Simplify the Color Matching Process



Recommended Screen-to-Print Setup



Quick Color Match is supported by a range of printers, retouching software, and specialty papers. See EIZO's website to learn more.

Quick Color Match



ColorEdge

Specifications



HDR4KCG314631"



HDR4KCG319X31"



HDRCG279X27"



CG273027"



CG242024.1"



4KCS274027"



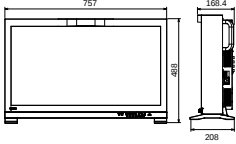
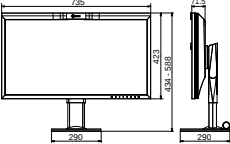
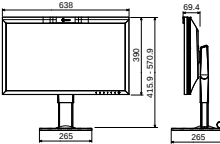
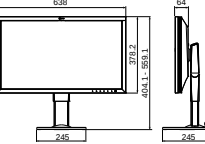
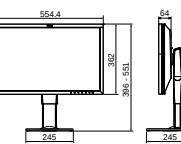
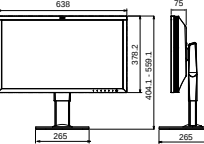
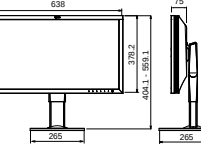
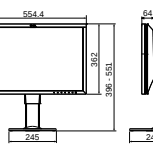
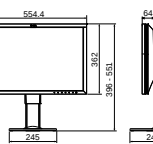
CS273127"



CS242024.1"



CS241024.1"

CG Series							CS Series			
Panel	Model Variations	CG3146-BK	CG319X-BK	CG279X-BK	CG2730-BK	CG2420-BK	CS2740-BK	CS2731-BK	CS2420-BK	CS2410-BK
	Type	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	LED
	Size	31.1" / 78.9 cm	31.1" / 78.9 cm	27.0" / 68.4 cm	27.0" / 68.5 cm	24.1" / 61.1 cm	26.9" / 68.4 cm	24.1" / 61.1 cm	24.1" / 61.1 cm	24.1" / 61.1 cm
	Native Resolution	4096 x 2160 (17:9 aspect ratio)	4096 x 2160 (17:9 aspect ratio)	2560 x 1440 (16:9 aspect ratio)	2560 x 1440 (16:9 aspect ratio)	1920 x 1200 (16:10 aspect ratio)	3840 x 2160 (16:9 aspect ratio)	2560 x 1440 (16:9 aspect ratio)	1920 x 1200 (16:10 aspect ratio)	1920 x 1200 (16:10 aspect ratio)
	Viewable Image Size (H x V)	698.0 x 368.1 mm	698.0 x 368.1 mm	596.7 x 335.7 mm	596.7 x 335.7 mm	518.4 x 324.0 mm	596.2 x 335.3 mm	596.7 x 335.7 mm	518.4 x 324.0 mm	518.4 x 324.0 mm
	Pixel Pitch	0.170 x 0.170 mm	0.170 x 0.170 mm	0.233 x 0.233 mm	0.233 x 0.233 mm	0.270 x 0.270 mm	0.155 x 0.155 mm	0.233 x 0.233 mm	0.270 x 0.270 mm	0.270 x 0.270 mm
	Pixel Density	149 ppi	149 ppi	109 ppi	109 ppi	94 ppi	164 ppi	109 ppi	94 ppi	94 ppi
	Display Colors	SDI, DisplayPort, HDMI: 1.07 billion colors, 10-bit display (24-bit LUT)	DisplayPort, HDMI: 1.07 billion colors, 10-bit display (24-bit LUT)	USB Type-C, DisplayPort, HDMI: 1.07 billion colors, 10-bit display (from a palette of 278 trillion, 16-bit LUT) DVI: 16.77 million colors, 8-bit display (from a palette of 278 trillion, 16-bit LUT)	DisplayPort, HDMI: 1.07 billion colors, 10-bit display (from a palette of 278 trillion, 16-bit LUT) DVI: 16.77 million colors, 8-bit display (from a palette of 278 trillion, 16-bit LUT)	DisplayPort, HDMI: 1.07 billion colors, 10-bit display (from a palette of 278 trillion, 16-bit LUT) DVI: 16.77 million colors, 8-bit display (from a palette of 278 trillion, 16-bit LUT)	USB Type-C, DisplayPort, HDMI: 1.07 billion colors, 10-bit display (from a palette of 278 trillion, 16-bit LUT)	USB Type-C, DisplayPort, HDMI: 1.07 billion colors, 10-bit display (from a palette of 278 trillion, 16-bit LUT) DVI: 16.77 million colors, 8-bit display (from a palette of 278 trillion, 16-bit LUT)	DisplayPort, HDMI: 1.07 billion colors, 10-bit display (from a palette of 278 trillion, 16-bit LUT) DVI: 16.77 million colors, 8-bit display (from a palette of 278 trillion, 16-bit LUT)	DisplayPort, HDMI, DVI: 16.77 million colors, 8-bit display (from a palette of 278 trillion, 16-bit LUT)
	Viewing Angles (H / V, typical)	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°	178°, 178°
	Brightness (typical)	1000 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	400 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²	300 cd/m ²
	Recommended Brightness for Calibration	-	-	-	120 cd/m ² or less	120 cd/m ² or less	-	-	120 cd/m ² or less	-
	Contrast Ratio (typical)	1,000,000:1	1500:1	1300:1	1500:1	1500:1	1000:1	1000:1	1000:1	1000:1
	Response Time (typical)	10 ms (gray-to-gray)	9 ms (gray-to-gray)	13 ms (gray-to-gray)	13 ms (gray-to-gray)	10 ms (gray-to-gray)	10 ms (gray-to-gray)	10 ms (gray-to-gray)	15 ms (gray-to-gray)	14 ms (gray-to-gray)
	Color Gamut (typical)	DCI-P3: 99%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%	Adobe RGB: 99%	Adobe RGB: 99%	sRGB: 100%
Video Signals	Input Terminals	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 2.2 / 1.4), BNC (12G/6G/3G/HD-SDI), BNC (3G/HD-SDI) x 3	DisplayPort (HDCP 1.3) x 2, HDMI (Deep Color, HDCP 2.2 / 1.4) x 2	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)	USB Type-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 2.2 / 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)
	Output Terminals	BNC (12G/6G/3G/HD-SDI, through-out (active)), BNC (3G/HD-SDI, through-out (active)) x 3	-	-	-	-	-	-	-	-
	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	USB Type-C, DisplayPort, DVI: 26 - 89 kHz, 23 - 61 Hz HDMI: 15 - 89 kHz, 23 - 61 Hz	DisplayPort, DVI: 26 - 89 kHz, 23 - 61 Hz HDMI: 15 - 89 kHz, 23 - 61 Hz	DisplayPort, DVI: 26 - 78 kHz, 24 - 61 Hz HDMI: 15 - 78 kHz, 24 - 61 Hz	USB Type-C, DisplayPort: 25 - 137 kHz, 23 - 61 Hz HDMI: 15 - 135 kHz, 23 - 61 Hz	USB Type-C, DisplayPort, DVI: 26 - 89 kHz, 23 - 61 Hz HDMI: 15 - 89 kHz, 23 - 61 Hz	DisplayPort, DVI: 26 - 78 kHz, 24 - 61 Hz HDMI: 15 - 78 kHz, 24 - 61 Hz	DisplayPort, DVI: 26 - 78 kHz, 23 - 63 Hz HDMI: 15 - 68 kHz, 23 - 63 Hz
USB	Upstream	USB 3.1 Gen 1: Type-B	USB 3.1 Gen 1: Type-B	USB 3.1 Gen 1: Type-A x 2 USB 2.0: Type-A x 2	USB 3.1 Gen 1: Type-B x 2	USB 3.1 Gen 1: Type-B	USB 3.1 Gen 1: Type-A x 2 USB 2.0: Type-A x 2	USB 3.1 Gen 1: Type-A x 2 USB 2.0: Type-A x 2	USB 3.1 Gen 1: Type-A x 3 (Battery Charging 10.5 W max. x 1)	USB 3.1 Gen 1: Type-A x 3 (Battery Charging 10.5 W max. x 1)
	Downstream	USB 3.1 Gen 1: Type-A x 3 (Battery Charging 10.5 W max. x 1)	USB 3.1 Gen 1: Type-A x 3 (Battery Charging 10.5 W max. x 1)	USB 2.0: Type-A x 2	USB 3.1 Gen 1: Type-A x 3 (Battery Charging 10.5 W max. x 1)	USB 3.1 Gen 1: Type-A x 3 (Battery Charging 10.5 W max. x 1)	USB 3.1 Gen 1: Type-A x 2 USB 2.0: Type-A x 2	USB 3.1 Gen 1: Type-A x 2 USB 2.0: Type-A x 2	USB 3.1 Gen 1: Type-A x 3 (Battery Charging 10.5 W max. x 1)	USB 3.1 Gen 1: Type-A x 3 (Battery Charging 10.5 W max. x 1)
Power	Power Requirements	AC 100 - 240 V, 50 / 60 Hz	AC 100 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 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz
	Typical Power Consumption	282 W	52 W	32 W	33 W	20 W	36 W	34 W	26 W	18 W
Built-in Calibration Sensor	Maximum Power Consumption	463 W	140 W	111 W	95 W	79 W	168 W	159 W	92 W	57 W
	Power Save Mode	1.2 W or less	1.2 W or less	1.0 W or less	0.6 W or less	0.7 W or less	1.0 W or less	1.0 W or less	0.7 W or less	0.7 W or less
	Brightness Stabilization	Yes	Yes	Yes	Yes	Yes	-	-	-	-
	Digital Uniformity Equalizer	Yes	Yes	Yes	Yes	Yes	-	-	-	-
	Preset Modes	BT.2020, BT.709, DCI-P3, PQ_BT.2100, PQ_DCI-P3, HLG_BT.2100, Calibration, Sync Signal	BT.2020, BT.709, DCI, PQ_DCI, PQ_BT.2100, HLG_BT.2100, Adobe RGB, sRGB, Calibration	User, BT.2020, BT.709, DCI, PQ_DCI, PQ_BT.2100, HLG_BT.2100, Adobe RGB, sRGB, Calibration	Custom, Adobe RGB, sRGB, Calibration	Custom, Adobe RGB, sRGB, Calibration	User, Adobe RGB, sRGB, Calibration	User, Adobe RGB, sRGB, Calibration	Custom, Adobe RGB, sRGB, Calibration	Custom, sRGB, Calibration
	HDR Gamma	HLG, PQ curve	HLG, PQ curve	HLG, PQ curve	-	-	-	-	-	-
	Dimensions (Landscape, W x H x D)	757 x 488 x 208 mm	735 x 434 - 588 x 290 mm	638 x 415.9 - 570.9 x 265 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 265 mm	638 x 404.1 - 559.1 x 265 mm	554.4 x 396 - 551 x 245 mm	554.4 x 396 - 551 x 245 mm
	Dimensions (Without Stand, W x H x D)	757 x 463 x 170 mm	735 x 423 x 71.5 mm	638 x 390 x 69.4 mm	638 x 378.2 x 64 mm	554.4 x 378.2 x 64 mm	638 x 378.2 x 75 mm	638 x 378.2 x 75 mm	554.4 x 362 x 64 mm	554.4 x 362 x 64 mm
	Dimensions (Landscape with Hood, W x H x D)	778 x 498.5 x 327 mm	754.4 x 443.6 - 597.6 x 381.5 mm	657.4 x 425.6 - 580.6 x 353.5 mm	657.4 x 413.8 - 568.8 x 336 mm	572.4 x 405 - 560 x 336 mm	-	-	-	-
	Net Weight	26.5 kg	12.4 kg	10.3 kg	8.9 kg	7.8 kg	10.3 kg	10.1 kg	7.8 kg	7.9 kg
Physical Specifications	Net Weight (Without Stand)	25.2 kg	8.3 kg	6.6 kg	6.1 kg	5.0 kg	6.7 kg	6.5 kg	5.0 kg	5.1 kg
	Net Weight (With Hood)	27.4 kg	13.3 kg	11.0 kg	9.5 kg	8.5 kg	-	-	-	-
	Height Adjustment Range	-	154 mm	155 mm	155 mm	155 mm	155 mm	155 mm	155 mm	155 mm
	Tilt	-	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down	35° Up, 5° Down
	Swivel	-	344°	344°	344°	344°	344°	344°	344°	344°
	Pivot	-	90°	90°	90°	90°	90°	90°	90°	90°
	Hole Spacing (VESA Standard)	200 x 200 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
	Operating Temperature	0 - 30°C	Landscape: 0 - 35°C	0 - 35°C	0 - 35°C	0 - 35°C	0 - 35°C	0 - 35°C	0 - 35°C	0 - 35°C
	Operating Humidity (R.H., non condensing)	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, TÜV/GS, cTÜVus, FCC-A, CAN ICES-3 (A), TÜV/S, PSE, VCCI-A, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics, TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A)	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics, TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A)	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics, TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A)	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics, TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A)	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics	CB, CE, TÜV/GS, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RCM, EAC, RoHS, WEEE, TÜV/Ergonomics
Dedicated Software	Quick Color Match	-	-	Supported	Supported	Supported	Supported	Supported	Supported	Supported
	ColorNavigator 7	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Supplied Accessories (May vary by country. Please contact EIZO for details.)	Signal Cables	DisplayPort (2 m), HDMI (2 m)	DisplayPort (2 m), Mini DisplayPort - DisplayPort (2 m), HDMI (2 m)	USB Type-C (2 m), DisplayPort (2 m)	DisplayPort (2 m), HDMI (2 m)	DisplayPort (2 m), HDMI (2 m)	USB Type-C (2 m), DisplayPort (2 m)	USB Type-C (2 m), HDMI (2 m)	DisplayPort (2 m), HDMI (2 m)	DisplayPort (2 m), HDMI (2 m)
	Others	AC power cord, USB Type-A - USB Type-B cable (2 m), Setup guide, Adjustment certificate, ScreenCleaner, Monitor hood, Warranty card, Clamp for HDMI	AC power cord, USB Type-A - USB Type-B cable (2 m), Setup guide, Adjustment certificate, ScreenCleaner, Monitor hood, Warranty card, VESA mounting screw x 4	AC power cord, USB Type-A - USB Type-B cable (2 m), Setup guide, Adjustment certificate, ScreenCleaner, Monitor hood, Warranty card, VESA mounting screw x 4	AC power cord, USB Type-A - USB Type-B cable (2 m), Setup guide, Adjustment certificate, ScreenCleaner, Monitor hood, Quick reference, Warranty card, VESA mounting screw x 4	AC power cord, USB Type-A - USB Type-B cable (2 m), Setup guide, Adjustment certificate, ScreenCleaner, Monitor hood, Quick reference, Warranty card, VESA mounting screw x 4	AC power cord, USB Type-A - USB Type-B cable (2 m), Setup guide, Warranty card, VESA mounting screw x 4	AC power cord, USB Type-A - USB Type-B cable (2 m), Setup guide, Warranty card, VESA mounting screw x 4	AC power cord, USB Type-A - USB Type-B cable (2 m), Setup guide, Quick reference, Warranty card, VESA mounting screw x 4	AC power cord, USB Type-A - USB Type-B cable (2 m), Setup guide, Warranty card, VESA mounting screw x 4
Warranty		5 Years ^{1 2 3}	5 Years ^{1 2 3}	5 Years ^{1 2 3}	5 Years ^{1 2 3}	5 Years ^{1 2 3}	5 Years ^{1 3}	5 Years ^{1 3}	5 Years ^{1 3}	5 Years ^{1 3}
Dimensions (Unit: mm)										

1 Usage time is limited to 30,000 hours (10,000 hours for the CG3146 LCD panel).

2 Brightness of the CG Series is warranted for up to 10,000 hours if it is used within the recommended brightness of 120 cd/m² or less and the color temperature between 5000 - 6500K. or less and the color temperature between 5000 - 6500K.

When CG3146 is used at a color temperature of 6500K, a brightness level of at least 800 cd/m² is warranted.

When CG319X or CG279X are used at a color temperature of 5000 - 6500K, a brightness level of at least 120 cd/m² is warranted.

3 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.

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Extensive Market Reach



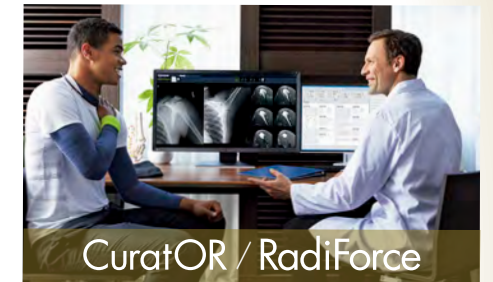
FlexScan

Business Enterprise



ColorEdge

Creative Work



CuratOR / RadiForce

Healthcare



DuraVision

Security & Surveillance / Maritime



Raptor / Re/Vue / SafeGuard

Air Traffic Control

50+ Years of Expertise



Visual Technology Company



Research and Development



Manufacturing



Quality Control



Customization

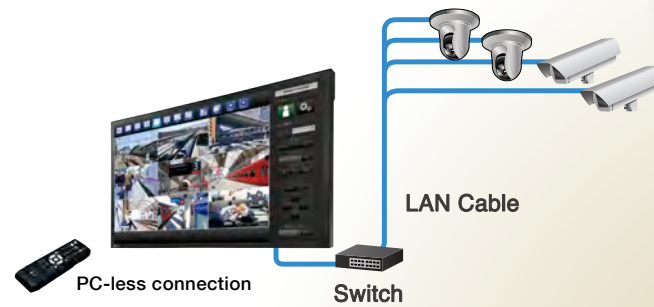
Innovative Solutions

Built-In Calibration Sensors

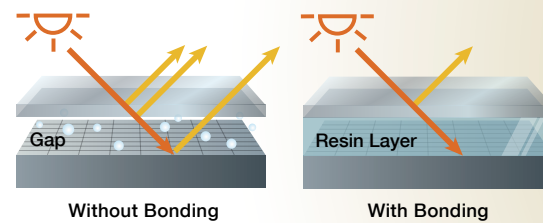


Automatically calibrates while you work

IP Decoding Solutions



In-House Optical Bonding



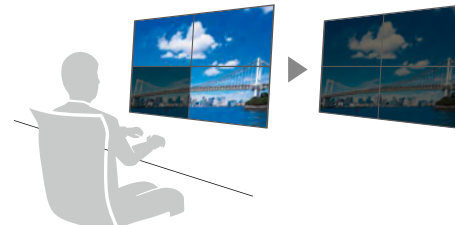
Market-Focused Cloud Solutions



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

Accessories for Color Critical Environments

■ Light-Shielding Hoods

Light-shielding hoods are bundled with the CG Series and optional for the CS Series.



Hood	CH2700	CH2400
Size (monitor)	27-inch	24.1-inch
Supported Monitors	CG279X CG2730 CS2740 CS2731	CG2420 CS2420 CS2410

■ Monitor Cleaning Kit

Wipe away dust and fingerprints with this gentle screen cleaning kit. Includes pump spray and cloth. Bundled with the CG Series.



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