



Accessories

Monitor Hoods

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



CH2700

Supported Models: CG279X, CG2730, CS2731, CS2740

CH2400

Supported Models: CG2420, CS2420, CS2410

Calibration Device

EX4

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 March, 2020)
 See www.eizoglobal.com for the latest information.

	Mac	Windows	Linux
Compatible OS	macOS Catalina (10.15) / macOS Mojave (10.14) / macOS High Sierra (10.13) / macOS Sierra (10.12)	Windows 10 (32-bit, 64-bit) / 8.1 (32-bit, 64-bit)	Red Hat Enterprise Linux 7 (64-bit)

Manufacturer	Supported Sensor
X-Rite	i1 Monitor (XRG), i1 Pro (XRG), i1 Pro 2 (XRG), i1 Display 3, i1 Display Pro, i1 Studio, ColorMunki PHOTO, ColorMunki DESIGN
Datacolor	Spyder4, Spyder5, SpyderX
EIZO	EX2, EX3, EX4, Built-In Calibration Sensor
baslCColor	DISCUS
Klein	K-10, K-10A
Photo Research	PR-655, PR-680
Konica Minolta	CS-2000, CS-2000A, CS-200, CA-210, CA-310, CA-410
Colorimetry Research	CR-100, CR-250, CR-300
JETI	Specbos 1211, Spectralval 1501
TOPCON	SR-3, SR-UL1R
DK Technologies	PM-5639

For the latest information, see www.eizoglobal.com/products/coloredge/cn7

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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



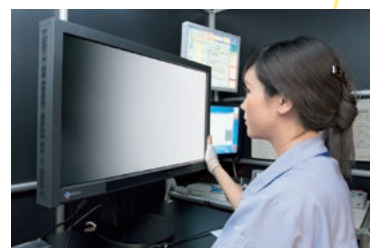
Ease of Use

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.



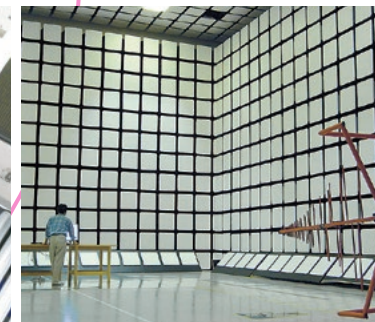
True Reproducibility

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.





For Professionals

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

CG Series



31.1"
4K HDR PROMINENCE
CG3146 NEW



31.1"
4K HDR CG319X



27"
HDR CG279X



24.1"
HDR CG247X



27"
CG2730



24.1"
CG2420



For Hobbyists and Prosumers

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

CS Series



27" **4K CS2740** **NEW**



27" **CS2731**



24.1" **CS2420**



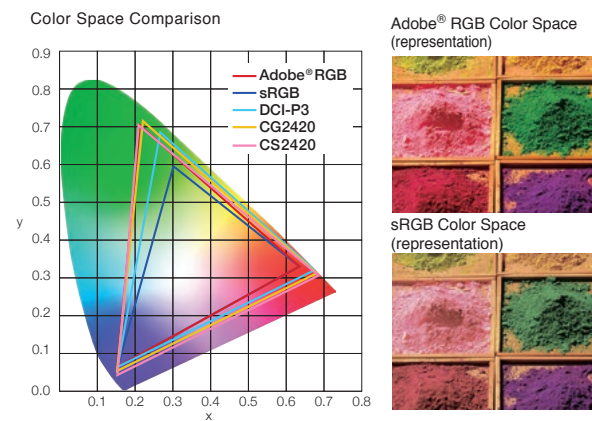
24.1" **CS2410**

ColorEdge® Common Features

Vivid Colors Reproduced to Industry Standards

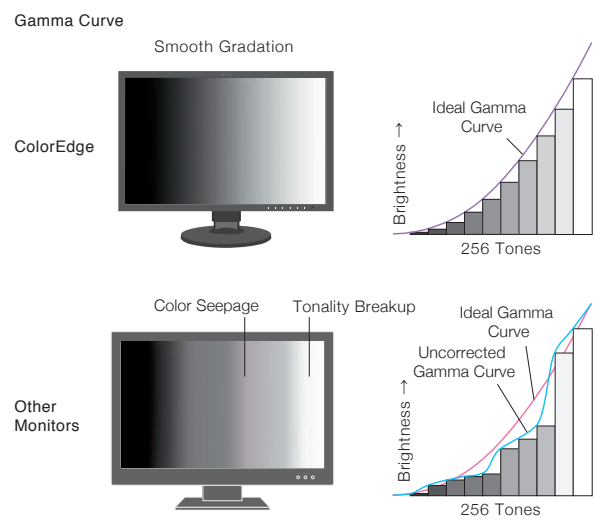
The wide color gamut of ColorEdge monitors reproduces almost the entire Adobe® RGB color space so images shot in Adobe® RGB will be displayed correctly. Photos of vibrant blue skies and lush green forests are reproduced faithfully in a way that monitors limited to an sRGB color space cannot display.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

CS2410 supports reproduces 100% of the sRGB color space.



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 CG3146) to select the 256 most appropriate tones and achieve the desired value. This ensures the smoothest color gradations in your images.

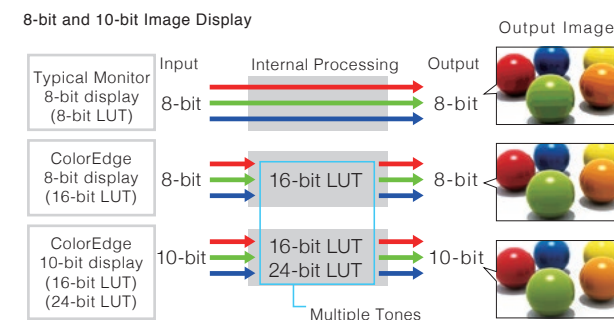


10-Bit Simultaneous Display

With 10-bit simultaneous color display* from a 16-bit LUT (24-bit for CG319X and CG3146) 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.

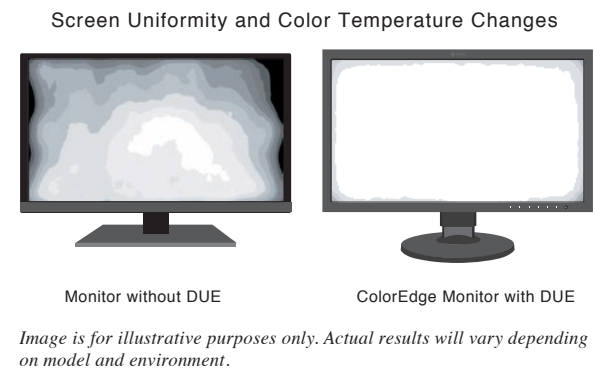
CS2410 supports 8-bit display.

*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

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 equalizer (DUE) technology which corrects deviations in every tone across the screen to ensure stable display.



Wide Viewing Angles with IPS Panels

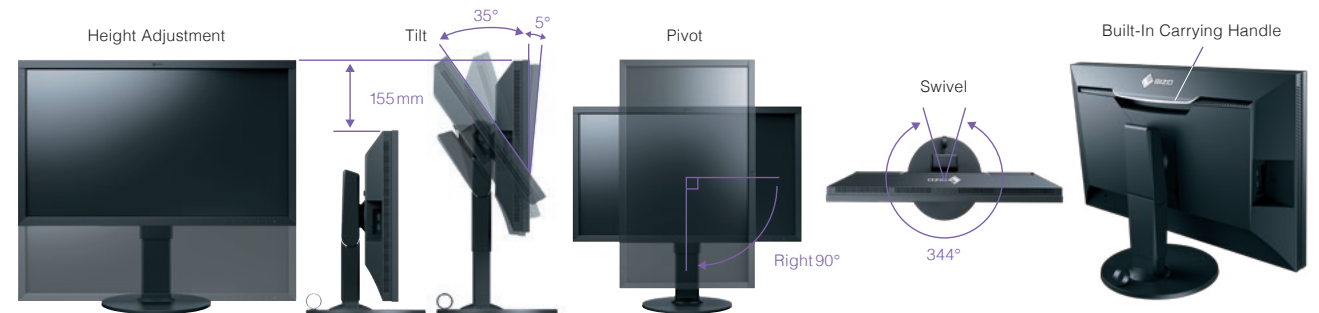
The 178° wide viewing angles afforded by the IPS panel technology allows two or more people to view the screen at once with little change in color or contrast.

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.

Adjustment range varies by model. CG3146 comes with a non-adjustable stand.

Example using CS2731 stand.



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 CG3146 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. 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 - 6000K, a brightness level of at least 120 cd/m² is 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.

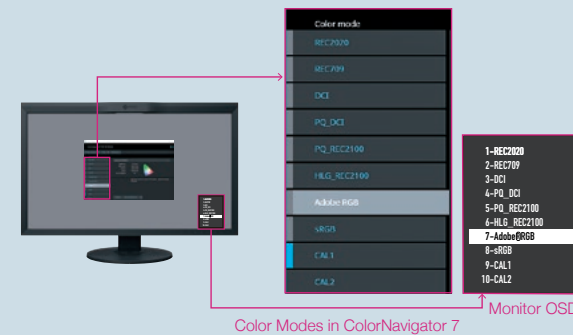
Calibrate All Color Modes at Once

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.



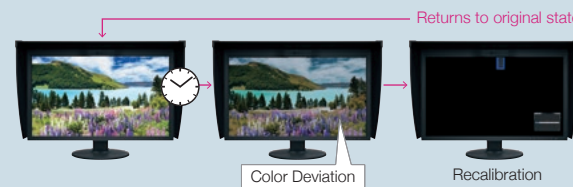
Multiple Color Modes

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.



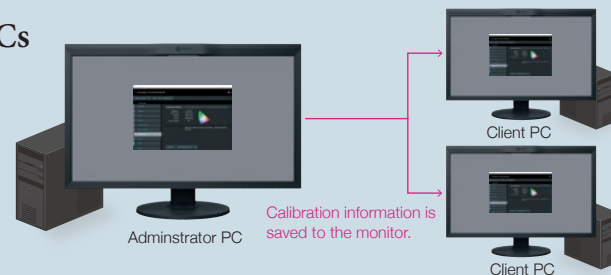
Schedule Automatic Recalibration

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, Pictorico, Hahnemühle, SIHL, and Tecco 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 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



For a full list of supported monitors, printers, software, and papers visit www.eizoglobal.com/products/coloredge/qcm

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

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.

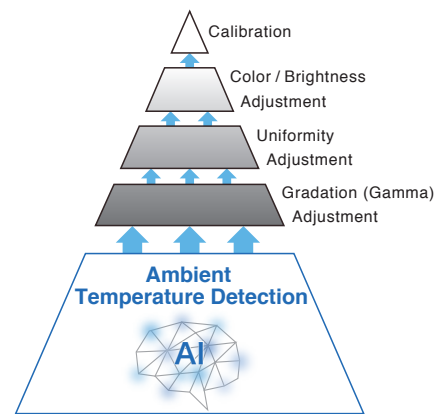


Automatically calibrates while you work.

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 CG3146, CG319X, and CG279X so they can distinguish between various temperature changing patterns to calculate even more accurate correction.

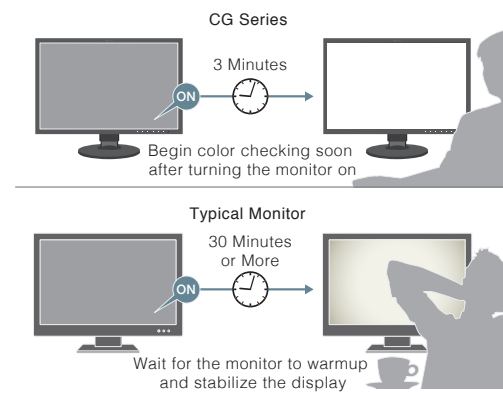
**Patent pending.*



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.

**Based on EIZO's internal testing.*



Light-Shielding Hood

The CG Series comes bundled with a light-shielding that effectively prevents glare on the monitor's screen caused by ambient lighting. The hoods attach to the monitor magnetically, allowing users to attach the hood quickly and easily without needing to connect separate parts.



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.



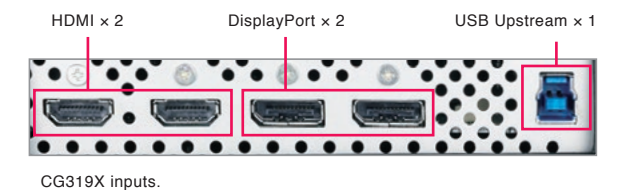
4K Resolution for Exceptional Detail

The CG319X and CG3146 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 CG3146 and CG319X support the DCI 4K resolution at 60 Hz with the DisplayPort or HDMI input.



Certified for Quality and Performance

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.

CG Series 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.

Visit www.eizoglobal.com/library/management/certifications/ for more information.



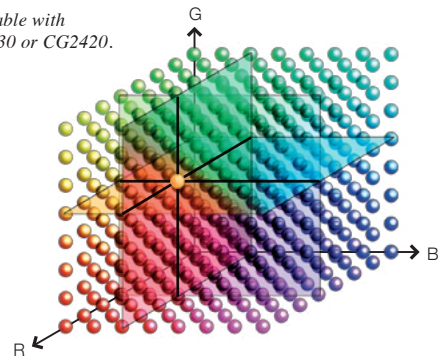
ColorEdge® CG Series Features

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 EBU, SMPTE-C, and DCI. 4K models also include a preset mode for BT.2020.

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

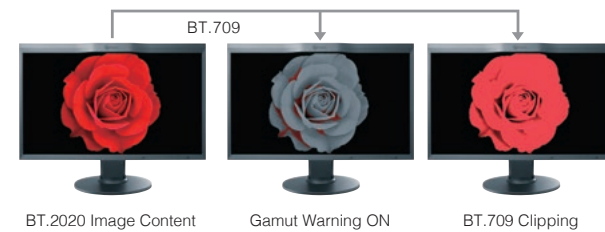


I/P Conversion for Flicker-Free Display

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.

BT.709 Out of Gamut Warning

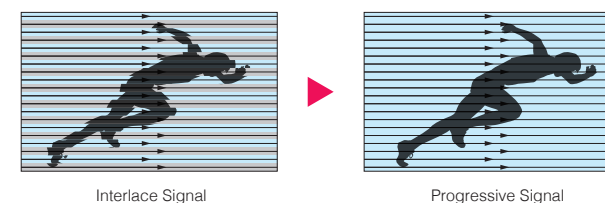
ColorEdge 4K monitors and CG279X include a Gamut Warning preset. When selected, the areas of a BT.2020 image that cannot be reproduced using BT.709 are clearly indicated by converting them to shades of gray. An additional mode also allows the editor to view BT.2020 images with the BT.709 color space, 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. The CG Series is also 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, accurately displaying both very bright and very dark areas without sacrificing the integrity of either. The ColorEdge PROMINENCE CG3146 achieves the 1000 cd/m² high brightness level (typical) needed for HDR content display. It also offers a typical contrast ratio of 1,000,000:1 for accurately displaying light and dark scenes.



ColorEdge PROMINENCE CG3146

SDI Connectivity

The ColorEdge PROMINENCE 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.*

HDR Workflow

In addition to the ColorEdge PROMINENCE CG3146 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).



SDR (Standard Dynamic Range)



HDR (High Dynamic Range)

Shooting	VFX	Compositing	Color Grading
Shooting	Shooting	Shooting	Shooting
VFX	VFX	VFX	VFX
Compositing	Compositing	Compositing	Compositing
Color Grading	Color Grading	Color Grading	Color Grading
CG247X HDR 1920 x 1200	CG279X HDR 2560 x 1440	CG319X HDR 4K 4096 x 2160	CG3146 HDR 4K 4096 x 2160
Color Management Monitors with HDR Gamma			HDR Reference Monitor

ColorEdge® CG Series Features

For Media and Entertainment

Network Color Management Software

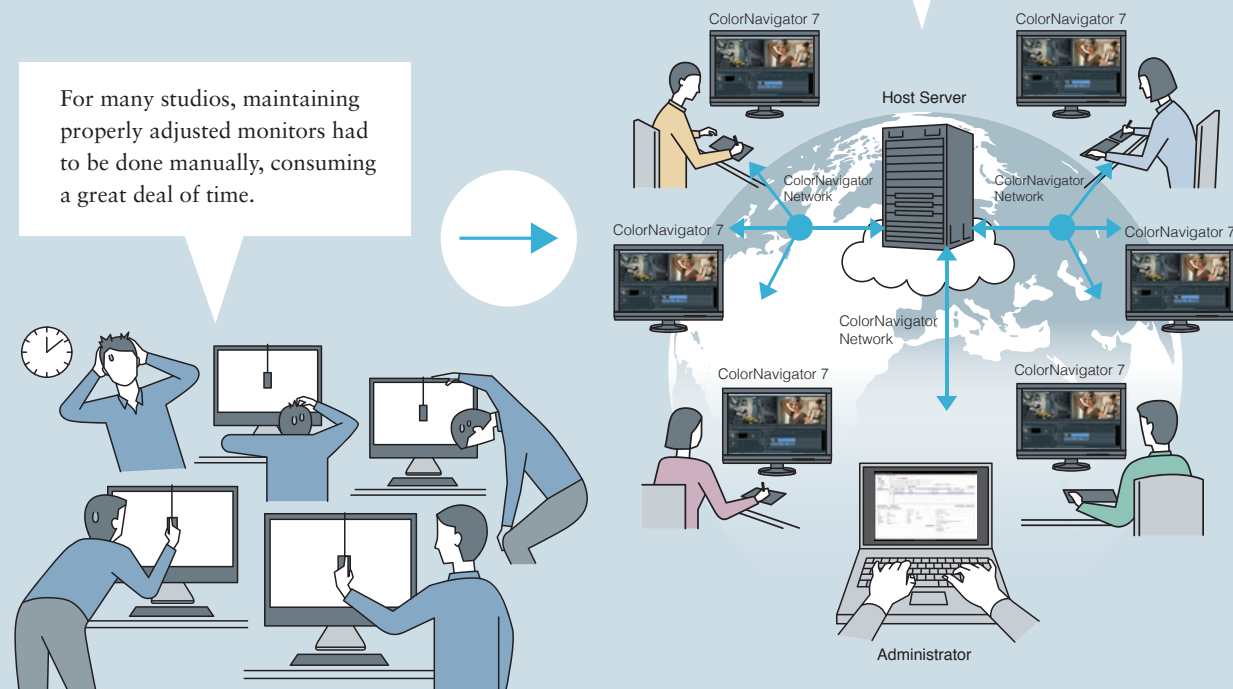
ColorNavigator™ Network



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 Features

For Aspiring Creatives

4K UHD Resolution

The CS2740 is the first CS series monitor to implement 4K UHD resolution (3840 × 2160), which is four times the size of Full HD. The remarkable detail ensures that high resolution photos and other content are displayed crisply.



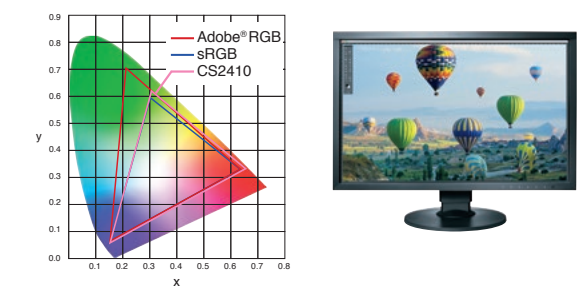
Ample Screen Size

The CS Series offers 24.1 and 27-inch screen sizes to suit individual user preferences. 27-inch models provide ample space for displaying Full HD content in full with enough space to show toolbars, palettes and other windows or applications simultaneously.



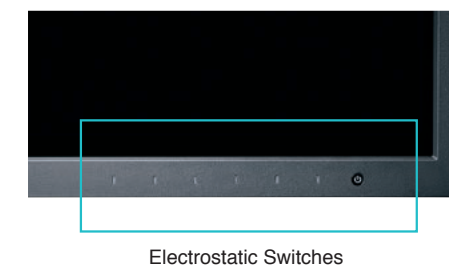
sRGB Model for Hobbyists

The CS2410 covers more than 100% of the sRGB color space, so digital content intended for viewing in an sRGB environment is reproduced faithfully. It includes many of the advanced features of the ColorEdge lineup while also meeting the varying needs of hobbyists.



Sleek, User-Friendly Design

The CS Series' user-friendly design features unobtrusive frames, electrostatic switches, an ergonomic stand, and more.



Electrostatic Switches



Built-In Carrying Handle

Single Cable Connection with USB Type-C

The CS2740 and CS2731 feature USB Type-C connectivity with 60 W power delivery. Simply plug in and get creative without worrying about additional cable clutter.



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

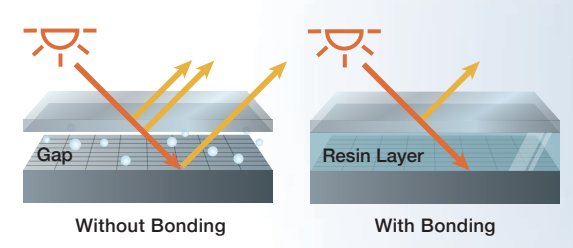


Automatically calibrates while you work

IP Decoding Solutions



In-House Optical Bonding



Market-Focused Cloud Solutions



Visual Technology Company



50+ Years of Expertise

Extensive Market Reach



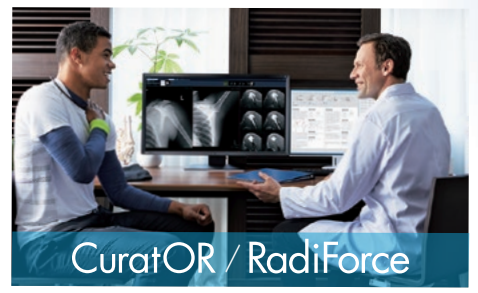
FlexScan

Business Enterprise



ColorEdge

Creative Work



CuratOR / RadiForce

Healthcare



DuraVision

Security & Surveillance / Maritime



Global Reach



Research and Development



Manufacturing



Quality Control



Customization



Raptor / Re/Vue / SafeGuard

Air Traffic Control



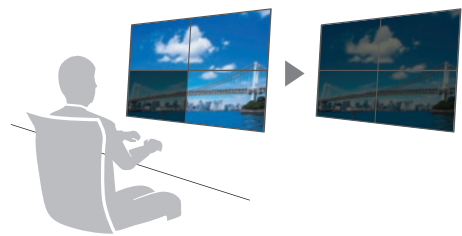
FORIS

Home Entertainment

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

