EIZO®

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.
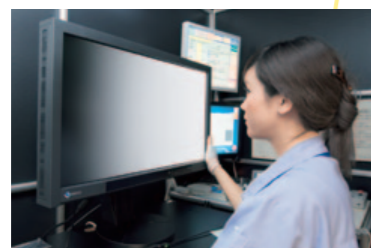
Long-Term Reliability

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
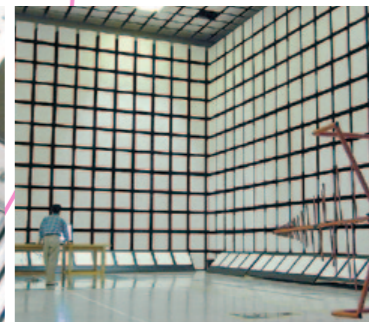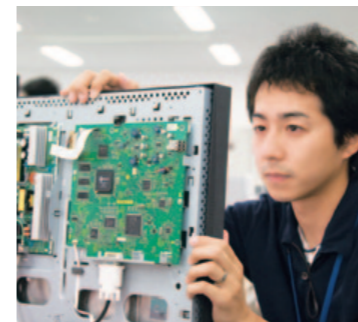
For Professionals

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

CG Series

NEW

CG247X `24.1"`

NEW

CG2420 `24.1"`

`4K` CG318-4K `31.1"`

`4K` CG248-4K `23.8"`

CG277 `27"`

For Hobbyists and Prosumers

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

CX / CS Series

CX271 27"

CS270 27"

NEW

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.
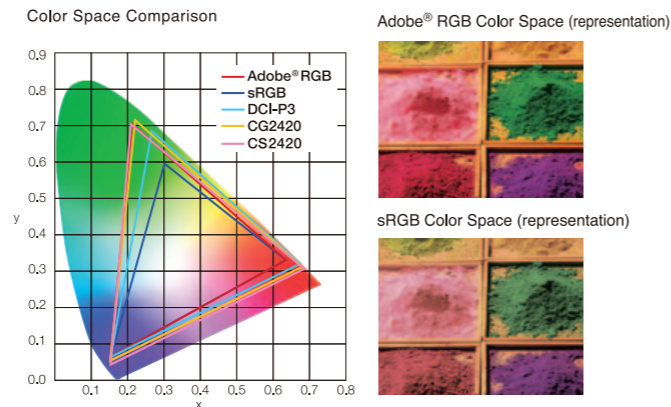
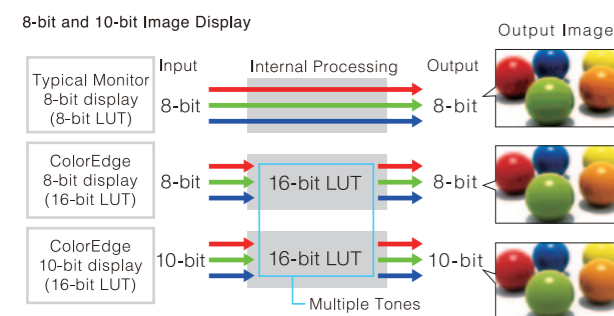## Adjusted at the Factory for Smooth Color Gradations

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 look-up-table (LUT) to select the 256 most appropriate tones and achieve the desired value. This ensures the smoothest color gradations in your images.
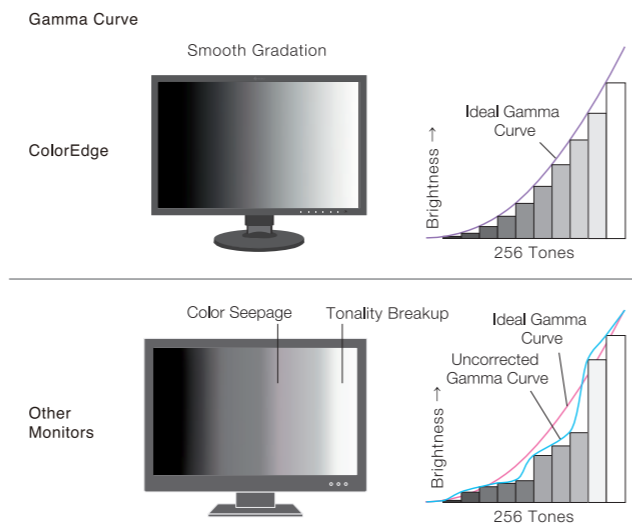
10-Bit Simultaneous Display

Using the DisplayPort or HDMI inputs, ColorEdge monitors offer 10-bit simultaneous color display* from a 16-bit look-up-table 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.

8-bit and 10-bit Image Display

Input	Internal Processing	Output	Output Image
Typical Monitor 8-bit display (8-bit LUT) 8-bit		8-bit	
ColorEdge 8-bit display (16-bit LUT) 8-bit	16-bit LUT	8-bit	
ColorEdge 10-bit display (16-bit LUT) 10-bit	16-bit LUT	10-bit	

Multiple Tones

Color Space Comparison

0.9
0.8
0.7
0.6
0.5
y 0.4
0.3
0.2
0.1
0.0
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8
x

— Adobe® RGB
— sRGB
— DCI-P3
— CG2420
— CS2420

Adobe® RGB Color Space (representation)

sRGB Color Space (representation)

Gamma Curve

Smooth Gradation

ColorEdge

Ideal Gamma Curve

Brightness ↑

256 Tones

Color Seepage   Tonality Breakup   Ideal Gamma Curve
Uncorrected Gamma Curve

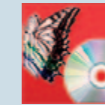Other Monitors

Brightness ↑

256 Tones

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.
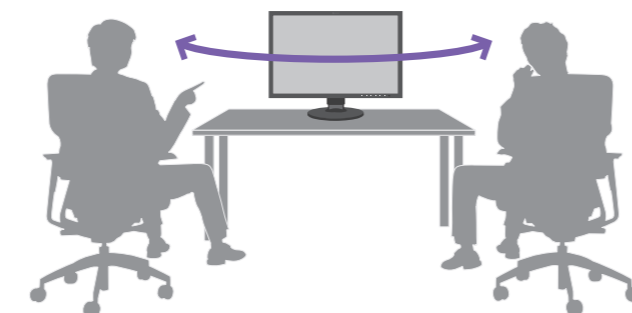
Color Management Software

ColorNavigator™ 6

To properly manage color in your work, it is necessary to ensure your monitor maintains consistent settings. ColorEdge monitors come bundled with EIZO's own color management software called ColorNavigator 6 which allows you to easily carry out calibration.

For the CX or CS Series, an external calibration sensor is necessary to use ColorNavigator 6.

Quickly Calibrate to Preset or User-Assigned Values

Preset values for web contents, photography, and printing are included in the target values. Simply select the desired preset, click "Adjust", and ColorNavigator 6 will begin calibrating your monitor.

Experienced users can assign the desired values for brightness, white point, and gamma before calibrating for further improving color matching.

Main window

For Printing
Brightness: 80 cd/m²   Color Temperature: 5000 K   Gamma: 2.2   Color Space: Monitor Native

For Creating Web Content
Brightness: 80 cd/m²   Color Temperature: 6500 K   Gamma: 2.2   Color Space: sRGB

For Checking and Editing Digital Photos
Brightness: 100 cd/m²   Color Temperature: 5500 K   Gamma: 2.2   Color Space: Monitor Native

Manual Adjustment Screen

💡 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 6, you can adjust the monitor's display directly through hardware calibration.

Easy Recalibration to Maintain Color Consistency

A monitor needs to be recalibrated at regular intervals to maintain color accuracy. ColorNavigator 6 includes a recalibration reminder that will appear after a certain number of user-determined hours. You can also be reminded without starting up ColorNavigator 6 by an LED on the monitor's front panel that lights up.

Returns to original state

Color Deviation   Recalibration
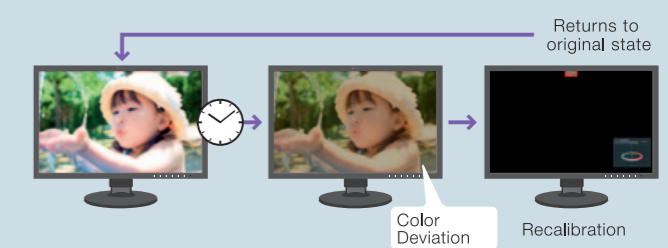
For the CX or CS Series, an external sensor is necessary to carry out calibration.

ColorEdge® Common Features

Uniformity from Corner to Corner

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

ColorEdge

Typical Monitor

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 CG318-4K stand.

CG2420 and CS2420 Stand

Height Adjustment   Tilt   Portrait Mode   Swivel

155mm

35°
5°

90°
Swivel

344°
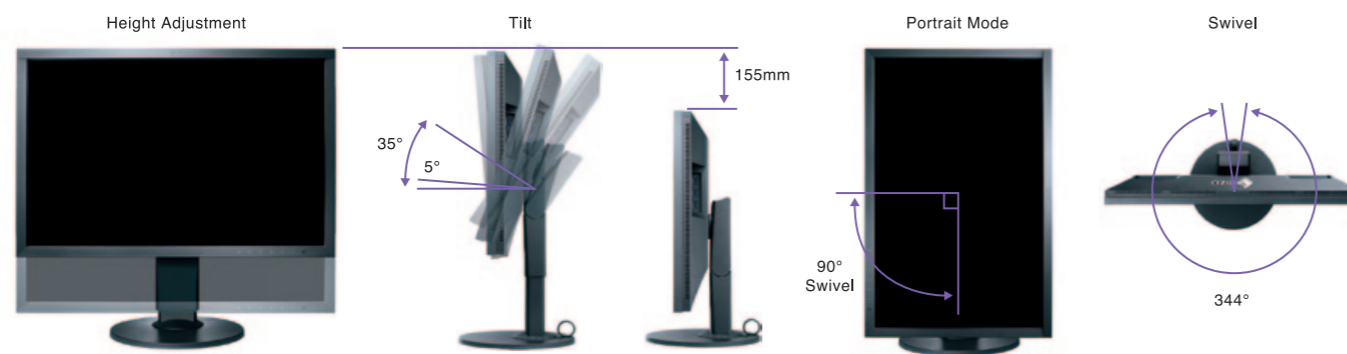
Ample Screen Sizes for Creative Work

The CG247X, CG2420, and CS2420 display two A4 pages plus tool palettes on their 24.1-inch screens. The CG277, CX271, and CS270 give you even more room to work with their spacious 27-inch screens.

A4   A4

Energy-Saving LED Backlight

ColorEdge monitors are equipped with a wide-gamut LED backlight* for color reproducibility. LED backlights save energy and contain no mercury for minimal impact on the environment after they are disposed of.

Not applicable to the CS230.

Minimized Reflections with Non-Glare Panel

ColorEdge monitors are equipped with an IPS non-glare panel for high visibility. They are also equipped with dimming technology that minimizes flicker and helps prevent eye fatigue for a more comfortable working 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.

5 Year
★★★★★
Warranty

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/m^2 or less and the color temperature between 5000 - 6500 K.

Zero Bright Pixels

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

0 Bright Pixels

Reference Materials for Furthering Your Creativity

Learn about color management, software and printer settings for optimal screen-to-print matching, and more with these free digital resources.

Color Management Handbook

Using a mix of text and illustrations, this handbook explains the basics of color management and the importance of the monitor in the color management workflow.

Color Management Handbook

EIZO's Guide to a Further Enjoyment of Digital Photography

A primer for the hobbyist on what to consider when selecting a monitor for digital photography. Includes an explanation of how to achieve color matching between the monitor and photo prints.

EIZO's Guide to a Further Enjoyment of Digital Photography
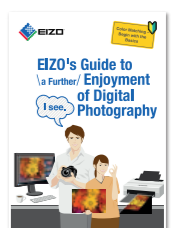
ColorNavigator 6 How-to-Use-Guide

This illustrated guide shows you how to calibrate a ColorEdge monitor in four easy steps with EIZO's dedicated ColorNavigator 6 software.

ColorNavigator 6

How to Color Match Your ColorEdge Monitor and Photo Prints

This guide explains how you can retouch and print digital photos on your own home inkjet printer and match the colors with your monitor.

To read these materials, visit:
http://www.eizoglobal.com/library/index4.html

ColorEdge® CG Series Features

Built-In Sensors to Automate Your Workflow

Automate your calibration with the sensor that is housed within the front bezel of every CG Series monitor. The sensor swings onto the screen only when calibrating, eliminating the need for a third-party calibration device. It even operates while the monitor is in portrait mode.

Stable Color in Just 3 Minutes

A typical monitor takes 30 minutes or more for its brightness, chromaticity, and tone characteristics to stabilize. The CG318-4K, CG248-4K, CG247X, and CG2420 take 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.

ColorEdge CG318-4K, CG248-4K, CG247X, CG2420

3 Minutes
ON
Begin color checking soon after turning the monitor on

Typical Monitor
30 Minutes or More
ON
Wait for the monitor to warmup and stabilize the display

See How Other Devices Display Color with Media Emulation

ColorNavigator 6 emulates the color characteristics of other media devices* such as tablets, smartphones, notebook PCs, and other LCD/CRT monitors. With a spectrophotometer, ColorNavigator 6 reads the emulated device's color patches as they appear in the web browser and creates an ICC profile. By using this profile with a ColorEdge monitor, content creators can see how their clients view color on their respective devices.

Media emulation is available for the CG Series only. Not applicable to the CG2420.

SelfCalibration sensor swings over the screen only when calibrating

Light-Shielding Hood

The CG Series comes bundled with a shading hood that effectively prevents glare on the monitor's screen cause by ambient lighting. The CG318-4K, CG248-4K, CG247X, and CG2420's shading hoods are newly designed and attach to the monitor magnetically. This allows users to attach the hood quickly and easily without needing to connect separate parts.

TÜV Color Accuracy and FograCert Softproof Monitor Certified

The ColorEdge CG318-4K, CG248-4K, CG277, CG247X, and CG2420 have obtained TÜV Rheinland's Color Accuracy (Quick Stability grade) certification. TÜV Rheinland 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.

For more information, visit:
http://www.eizoglobal.com/library/management/certifications/
*The CG247X has applied for Fogra certification.

Color Accuracy and Quick Stability
TÜVRheinland® CERTIFIED
www.tuv.com
ID 6737000000

4K Resolution for Exceptional Detail

The Highest Pixel Density Yet

The CG248-4K offers the highest pixel density yet in the ColorEdge linup 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.

Conventional 23-inch full HD monitor   96 ppi

CG248-4K   185ppi
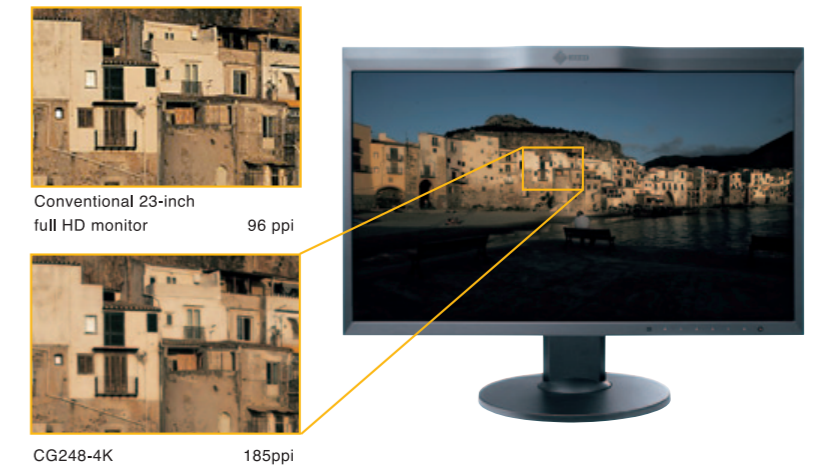
Quadruple the Resolution of Full HD

The CG318-4K displays the DCI 4K standard (4096 × 2160) which is four times that of full HD (1920 × 1080). It's ideal for creating, editing, and referencing with 2D and 3D CGI, VFX, compositing, and color grading.

1080
1920 Full HD
2160
3840 4K UHD
4096 DCI 4K
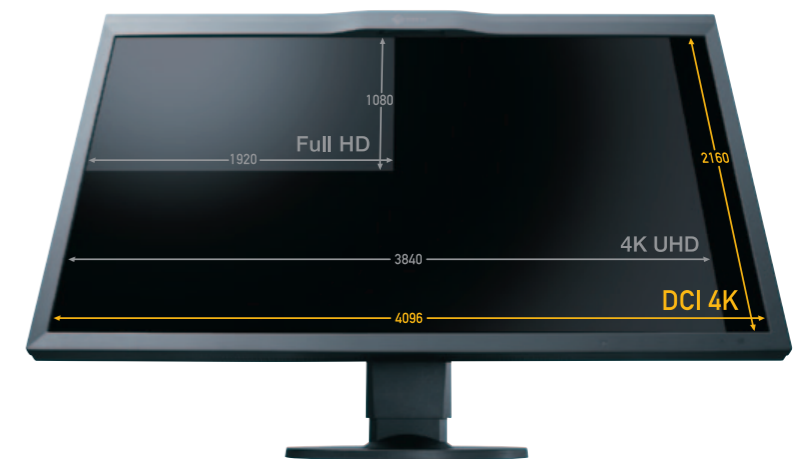
DCI 4K at 60 Hz with a Single Cable

The CG318-4K supports the DCI 4K resolution at 60 Hz with the DisplayPort 1.2 input and at 30 Hz with both HDMI inputs.

HDMI × 2   DisplayPort × 2   USB Upstream × 1
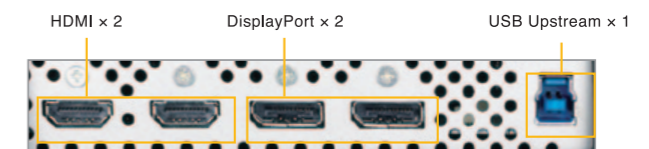
For more information on compatibility and tips for a more comfortable 4k workstation,visit:
http://www.eizoglobal.com/i/4k_guide/

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. With the bundled ColorNavigator 6 software's emulation function, the 3D LUT applies a film look to the image so creators can check how it will be seen by their audience. The 3D LUT also 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 CG2420.
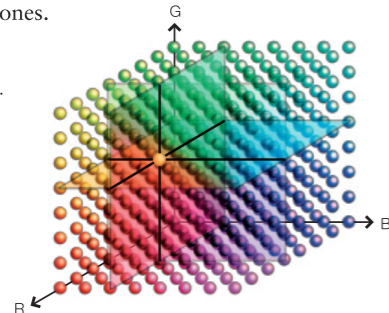
Multiple Preset Color Modes

CG Series monitors provide quick access to several broadcast-standard preset color modes via a button on the front of the monitor. The available modes are Rec. 709, EBU, SMPTE-C, and DCI. 4K models also include a preset mode for Rec. 2020.

Not available with the CG2420.

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.

Interlace Signal ▶ Progressive Signal
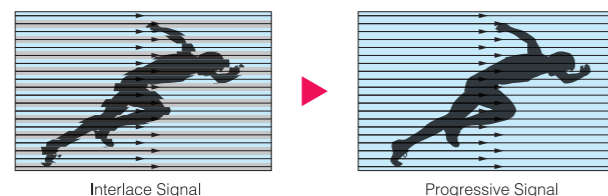
Rec. 709 Out of Gamut Warning

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

Rec. 709

Rec. 2020 Image Content   Gamut Warning ON   Rec. 709 Clipping
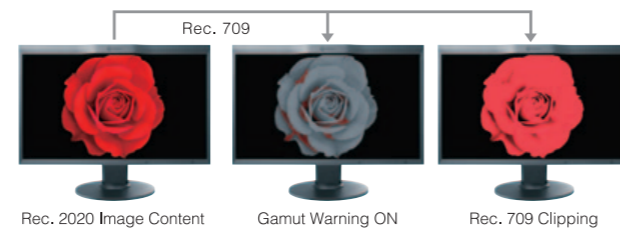
True Black Display

In compliance with the DCI standard, the ColorEdge CG318-4K, CG247X, and CG2420 offer a high contrast ratio of 1500:1 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 film which allows tones to retain their depth even when viewed from an angle.

CG318-4K   Typical Monitor

Area Light for Dark Editing Rooms

RadiLight is a lighting solution that easily attaches directly to the monitor and shines a 6500 K light on the wall behind it. This reduces eye fatigue while not impacting the screen's visibility. It is also equipped with a spotlight for conveniently navigating your workspace.

Quality Control Software

ColorNavigator™ NX

ColorNavigator NX offers quality control (QC) and asset management of client ColorEdge monitors. It covers calibration, emulation, built-in sensor correlation, and color mode settings. The software is most effectively used with EIZO's ColorNavigator Network solution to allow an administrator to perform QC operations on all ColorEdge monitors from a central location.

Network Color Management Software

ColorNavigator™ Network

ColorNavigator Network provides centralized quality control of ColorEdge monitors that have ColorNavigator NX 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.

ColorNavigator NX   ColorNavigator NX
Host Server
ColorNavigator NX   ColorNavigator Network   ColorNavigator Network   ColorNavigator NX
ColorNavigator Network
ColorNavigator NX   ColorNavigator NX

Administrator
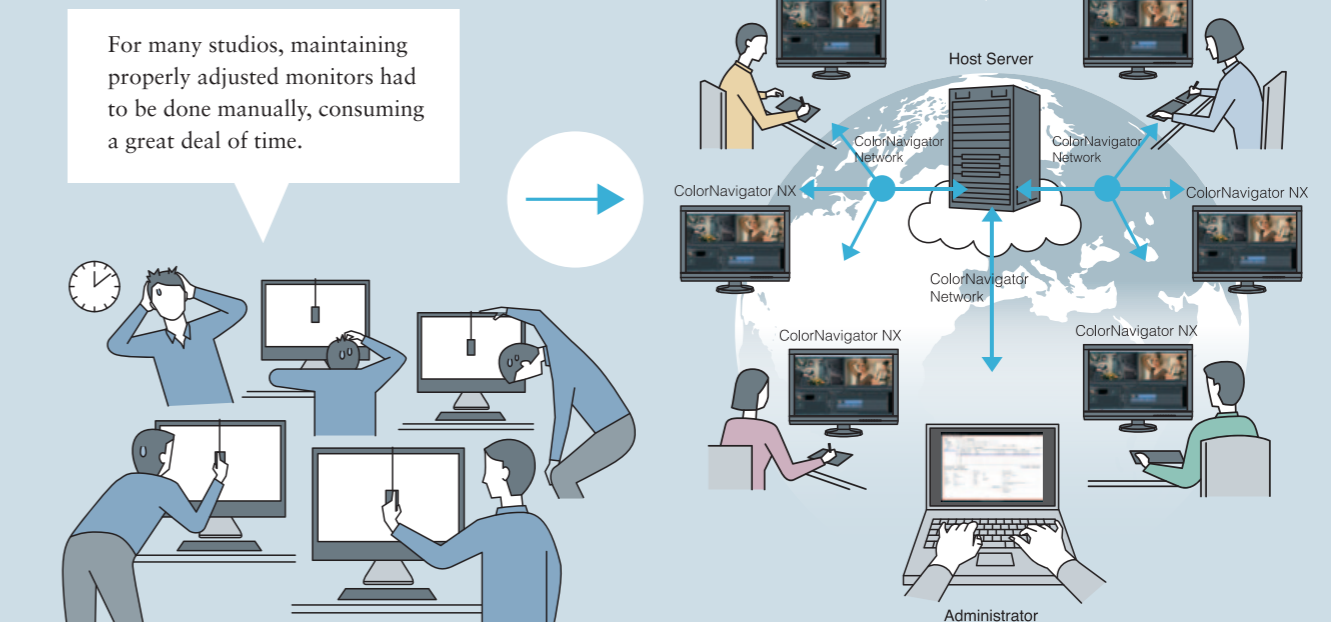
Benefits

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

ColorEdge® NEW
CS2420
24.1" 1920×1200

Sleek, User-Friendly Design

Slimmer Bezels

The slim cabinet features unobtrusive frames that are 39% slimmer than its predecessor's so you can focus more on the screen.

18,3 mm
17.3 mm

39% slimmer bezels

Built-In Handle for Easy Carrying

A carrying handle on the back of the monitor allows you to easily move it from one location to another.

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.

Easy-Access USB Ports

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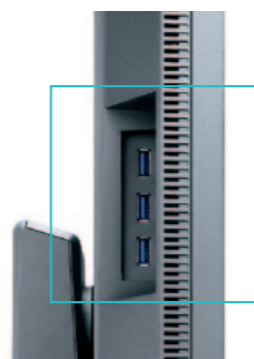
Global Collaborations

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. EIZO's Ambassadors – all of them ColorEdge users – are passionately dedicated to their craft and prepare the best equipment for realizing their creative vision. Each Ambassador has an online profile and features special content on the dedicated webpage.

http://www.eizoglobal.com/i/ambassadors

Carl De Keyzer using the ColorEdge CG277

EIZO and Magnum Collaboration

Since 2013, EIZO and Magnum Photos have been working on a global collaboration under which 15 photographers and digital directors at Magnum's offices in the USA and Europe have integrated EIZO's ColorEdge monitors into their color management workflow. They are using the monitors for the production of contemporary photos, the restoration of historical Magnum imagery, and to provide objective feedback about their experiences to EIZO. Individual profiles of each of the participating Magnum photographers with insights into their careers, bodies of work, and experiences with their EIZO monitors are shared on EIZO's website.

http://www.eizoglobal.com/magnumphotos/

EIZO — The Visual Technology Company

Comprehensive Solutions

EIZO integrates hardware and software technologies with consulting, web hosting, and other services for customers in a wide range of fields.

ColorEdge
Color Management Monitor Solutions

Integrated Approach

With over 45 years of technical expertise, EIZO is dedicated to developing innovative and high quality visual display solutions.

FlexScan
Business Enterprise Monitor Solutions

R&D

To incorporate the latest technologies in our products, we follow a unique in-house research and development production model.

FORIS
Gaming Monitors

Printed Circuit Boards

We apply our in-house production model to the production of our own printed circuit boards (PCBs) that are used in each EIZO monitor — essential to providing comprehensive quality control.

CuratOR
Operating Room Solutions

Manufacturing

Our in-house manufacturing combines manual and automated operations to ensure high quality products are made as efficiently as possible.
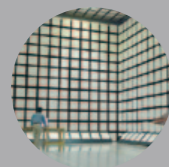
Quality Control

We use our own anechoic chambers to confirm that our products comply with international regulations covering electromagnetic interference (EMI) and susceptibility. We also conduct long-life testing where our monitors are kept powered on for thousands of hours and their image quality is checked regularly.

RadiForce
Medical Monitor Solutions

Customization

We offer extensive customization for select monitors to meet the diverse requirements of various markets, including mission-critical fields such as maritime and air traffic control.

DuraVision
Industrial Monitor Solutions

Global Reach

EIZO products are highly regarded in many specialty fields throughout the world because of their accurate and stable image display. EIZO is based in Japan and is represented in over 80 countries by a network of group companies and exclusive distributors.

45+ *years of expertise*

Raptor | Re/Vue
Air Traffic Control Visual Display Solutions

Innovative Technology
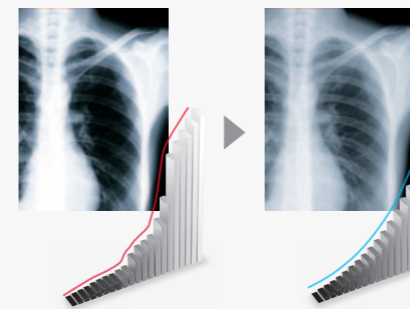
Medical Grayscale Accuracy

EIZO carefully measures and sets each and every grayscale tone at the factory to create medical monitors compliant with DICOM Part 14 standards. This ensures medical professionals are viewing the most consistent shading possible on their screen for the most accurate diagnosis. Calibration is also simplified with EIZO's medical quality control solutions to maintain image consistency over time.

Wide Range of Screen Sizes

EIZO offers an extensive range of screen sizes from 10 to 60 inches to meet requirements of any installation.

10" 21" 27" 60"

Flicker-Free Images

Due to the way brightness is controlled on LED backlights, many people perceive flicker on their screen which causes eye fatigue. EIZO's FlexScan EV series makes flicker unperceivable without compromising color stability.

Visibility-Enhancing Technology

EIZO's unique Smart Insight technology automatically detects dark areas of the screen and adjusts the brightness of each pixel while reproducing the images with a realistic sense of depth. It is used in professional gaming and security markets.

OFF ON
Vastly improves visibility in dark areas

Smartphone Notifications

G-Ignition Mobile is the world's first smartphone app for an LCD monitor that uses Bluetooth Smart technology with G-Ignition, gamers can use their smartphone to control their monitor's settings, access EIZO's cloud service, and set the monitor to display smartphone notifications when playing games on PCs or consoles.

Ex. Phone call
Notification area
Ex. Smartphone games

Specifications

		31.1" CG318-4K	23.8" CG248-4K	27" CG277	24.1" CG247X	24.1" CG2420 (NEW)	27" CX271	27" CS270	24.1" CS2420 (NEW)	23" CS230
		CG Series (4K)		**CG Series**			**CX Series**	**CS Series**		
Panel	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" / 79 cm	23.8" / 60 cm	27" / 68 cm	24.1" / 61 cm	24.1" / 61 cm	27" / 68 cm	27" / 68 cm	24.1" / 61 cm	23" / 58 cm
	Native Resolution	4096 × 2160 (1.9:1 aspect ratio)	3840 × 2160 (16:9 aspect ratio)	2560 × 1440 (16:9 aspect ratio)	1920 × 1200 (16:10 aspect ratio)	1920 × 1200 (16:10 aspect ratio)	2560 × 1440 (16:9 aspect ratio)	2560 × 1440 (16:9 aspect ratio)	1920 × 1200 (16:10 aspect ratio)	1920 × 1080 (16:9 aspect ratio)
	Viewable Image Size (H x V)	698 × 368.1 mm	527 × 296.5 mm	596.7 × 335.6 mm	518.4 × 324 mm	518.4 × 324 mm	596.7 × 335.6 mm	596.7 × 335.6 mm	518.4 × 324 mm	509.2 × 286.4 mm
	Pixel Pitch	0.170 × 0.170 mm	0.137 × 0.137 mm	0.2331 × 0.2331 mm	0.270 × 0.270 mm	0.270 × 0.270 mm	0.233 × 0.233 mm	0.233 × 0.233 mm	0.270 × 0.270 mm	0.265 × 0.265 mm
	Pixel Density	149 ppi	185 ppi	109 ppi	94 ppi	94 ppi	109 ppi	109 ppi	94 ppi	96 ppi
	Grayscale Tones	DisplayPort, HDMI: 1024 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1024 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort, HDMI: 1024 tones (a palette of 65 thousand) DVI: 256 tones (a palette of 65 thousand)	DisplayPort: 1024 tones (a palette of 65 thousand) DVI, HDMI: 256 tones (a palette of 65 thousand)
	Display Colors	DisplayPort, HDMI: 1.07 billion (a palette of 278 trillion)	DisplayPort, HDMI: 1.07 billion (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: 16.77 million (a palette of 278 trillion)
	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)	350 cd/m²	350 cd/m²	300 cd/m²	400 cd/m²	400 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²	350 cd/m²
	Recommended Brightness for Calibration	120 cd/m² or less	120 cd/m² or less	120 cd/m² or less	120 cd/m² or less	120 cd/m² or less	120 cd/m² or less	120 cd/m² or less	120 cd/m² or less	120 cd/m² or less
	Contrast Ratio (typical)	1500:1	1000:1	1500:1	1000:1	1500:1	1000:1	1000:1	1000:1	1000:1
	Response Time (typical)	9 ms (gray-to-gray)	14 ms (gray-to-gray)	6 ms (gray-to-gray)	10 ms (gray-to-gray)	10 ms (gray-to-gray)	6 ms (gray-to-gray)	15 ms (gray-to-gray)	15 ms (gray-to-gray)	10.5 ms (gray-to-gray)
	Wide Gamut Coverage (typical)	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%, DCI-P3: 93%	Adobe RGB: 99%, DCI-P3: 93%	Adobe RGB: 99%, DCI-P3: 98%	Adobe RGB: 99%	Adobe RGB: 99%	Adobe RGB: 99%	Adobe RGB: 99%	—
Video Signals	Input Terminals	DisplayPort × 2 (with HDCP Ver.1.x), HDMI × 2 (with HDCP Ver.1.x, Deep Color)	DisplayPort × 2 (with HDCP Ver.1.x), HDMI × 2 (with HDCP Ver.1.x, Deep Color)	DVI-D 24 pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color)	DVI-D 24 pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color)	DVI-D 24 pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color)	DVI-D 24 pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color)	DVI-D 24 pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color)	DVI-D 24 pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP, Deep Color)	DVI-I 29 pin (with HDCP), DisplayPort (with HDCP), HDMI (with HDCP)
	Digital Scanning Frequency (H / V)	DisplayPort: 24.5 - 137.5 kHz, 22.5 - 71.5 Hz; HDMI: 14.5 - 135.5 kHz, 22.5 - 71.5 Hz	DisplayPort: 24.5 - 137.5 kHz, 22.5 - 71.5 Hz; HDMI: 14.5 - 135.5 kHz, 22.5 - 71.5 Hz	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 - 78 kHz, 23 - 63 Hz (VGA Text: 69 - 71 Hz); HDMI: 15 - 78 kHz, 24 - 61 Hz (VGA Text: 69 - 71 Hz)	DisplayPort, DVI: 26 - 78 kHz, 24 - 61 Hz (VGA Text: 69 - 71 Hz); HDMI: 15 - 78 kHz, 24 - 61 Hz (VGA Text: 69 - 71 Hz)	DisplayPort, DVI: 26 - 89 kHz, 23.75 - 63 Hz (VGA Text: 69 - 71 Hz); HDMI: 15 - 78 kHz, 23.75 - 61 Hz	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 - 68 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
	Analog Scanning Frequency (H / V)	—	—	—	—	—	—	—	—	26 - 68 kHz, 47.5 - 61 Hz
USB	Function	1 port for monitor control; 3-port USB hub (including 1 USB battery charge port)	1 port for monitor control; 3-port USB hub (including 1 USB battery charge port)	2 ports for monitor control; 2-port USB hub	2 ports for monitor control; 2-port USB hub	1 port for monitor control; 3-port USB hub	2 ports for monitor control; 2-port USB hub	2 ports for monitor control; 2-port USB hub	1 port for monitor control; 3-port USB hub	2 ports for monitor control; 2-port USB hub
	Standard	USB 3.0	USB 3.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 3.0	USB 2.0
Power	Power Requirements	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 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 - 120 V / 200 - 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	140 W	136 W	99 W	60 W	79 W	99 W	86 W	92 W	54 W
	Typical Power Consumption	54 W	52 W	43 W	22 W	20 W	43 W	34 W	26 W	21 W
	Power Save Mode	Less than 9 W	Less than 9 W	Less than 0.7 W	Less than 0.7 W	Less than 0.7 W	Less than 0.7 W	Less than 0.7 W	Less than 0.7 W	Less than 0.5 W
	Standby Mode	Less than 9 W	Less than 9 W	Less than 0.5 W	Less than 0.5 W	Less than 0.6 W	Less than 0.5 W	Less than 0.5 W	Less than 0.6 W	Less than 0.5 W
	Power Management	Power Save (DisplayPort: Rev. 1.2)	Power Save (DisplayPort: Rev. 1.2)	Power Save (DisplayPort: Rev. 1.1a, DVI: DVI DMPM)	Power Save (DisplayPort Version 1.1a, and DVI DMPM)	Power Save (DisplayPort Version 1.1a, and DVI DMPM)	Power Save (DisplayPort: Rev. 1.1a, DVI: DVI DMPM)	Power Save (DisplayPort: Rev. 1.1a, DVI: DVI DMPM)	Power Save (VESA DPM, DisplayPort Version 1.1a, and DVI DMPM)	Power Save (VESA DPM, DisplayPort Version 1.1a, and DVI DMPM)
Features & Functions	Brightness Stabilization	Yes	Yes	Yes	Yes	Yes	Yes	—	—	Yes
	Digital Uniformity Equalizer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Preset Modes	Color Mode (Custom, Adobe RGB, sRGB, REC709, EBU, SMPTE-C, DCI, REC2020, Calibration)	Color Mode (Custom, Adobe RGB, sRGB, REC709, EBU, SMPTE-C, DCI, REC2020, 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, Paper, Adobe RGB, sRGB, Calibration)	Color Mode (Custom, Paper, 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	Yes	—	—	—	—
	Built-in Correction Sensor	—	—	—	—	—	Yes	—	—	Yes
Physical Specifications	Dimensions (Landscape, W x H x D)	735 × 434 - 583 × 245 mm	553 × 394 - 544 × 245 mm	646 × 425 - 576.5 × 281.5 mm	575 × 417 - 545 × 245.5 mm	554.4 × 396 - 551 × 245 mm	646 × 425 - 576.5 × 281.5 mm	646 × 413 - 561 × 245 mm	554.4 × 396 - 551 × 245 mm	544 × 372.5 - 526.5 × 245.5 mm
	Dimensions (Portrait, W x H x D)	—	345 × 564 - 642 × 245 mm	402 × 671 - 704 × 281.5 mm	398 × 594.5 - 642.5 × 245.5 mm	362 × 565.4 - 647.2 × 245 mm	402 × 671 - 704 × 281.5 mm	402 × 657 - 688 × 245 mm	362 × 565.4 - 647.2 × 245 mm	353 × 563.5 - 627 × 245.5 mm
	Dimensions (Without Stand, W x H x D)	735 × 423 × 65.5 mm	553 × 345 × 64 mm	646 × 402 × 92 mm	575 × 398 × 75 mm	554.4 × 362 × 64 mm	646 × 402 × 92 mm	646 × 402 × 72.5 mm	554.4 × 362 × 64 mm	544 × 353 × 75 mm
	Dimensions (Landscape with Hood, W x H x D)	754.4 × 443.6 - 592.6 × 361 mm	572.4 × 403 - 553 × 340 mm	653 × 432.5 - 584 × 379.5 mm	596 × 427.8 – 555.8 × 356.7 – 380 mm	572.4 × 405 - 560 × 336 mm	—	—	—	—
	Dimensions (Portrait with Hood, W x H x D)	—	—	410.5 × 679 - 712 × 379.5 mm	—	—	—	—	—	—
	Net Weight	11.3 kg / 24.9 lbs	8.5 kg / 18.7 lbs	12.8 kg / 28 lbs	8.9 kg / 18.6 lbs	7.8 kg / 17.2 lbs	12.8 kg / 28 lbs	10.6 kg / 23.4 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	8.8 kg / 19.4 lbs	6.2 kg / 13.7 lbs	5.0 kg / 11.0 lbs	8.8 kg / 19.4 lbs	7.7 kg / 17 lbs	5.0 kg / 11.0 lbs	4.8 kg / 10.6 lbs
	Net Weight (With Hood)	12.2 kg / 26.9 lbs	9.2 kg / 20.3 lbs	13.8 kg / 30.4 lbs	9.7 kg / 21.4 lbs	8.5 kg / 18.7 lbs	—	—	—	—
	Height Adjustment Range	149 mm	150 mm	151.5 mm	128 mm	155 mm	151.5 mm	148 mm	155 mm	154 mm
	Tilt	35° Up, 5° Down	35° Up, 5° Down	25° Up, 0° Down	30° Up, 0° Down	35° Up, 5° Down	25° Up, 0° Down	35° Up, 5° Down	35° Up, 5° Down	30° Up, 0° Down
	Swivel	344°	344°	344°	344°	344°	344°	344°	344°	344°
	Pivot	—	90°	90°	90°	90°	90°	90°	90°	90°
	Hole Spacing (VESA Standard)	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm	100 × 100 mm
Environmental Requirements	Temperature	Landscape: 0 - 35 °C, Portrait: 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
	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, TUV/GS, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomie, RCM, EAC, RoHS, WEEE, CUDO certified mark, TUV/Color Accuracy (Quick Stability)	CB, CE, TUV/GS, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomie, 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, EAC, RoHS, WEEE, CUDO certified mark, TUV/Color Accuracy (Quick Stability)	CB, CE, TUV/GS, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomics, RCM, EAC, RoHS, WEEE, 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, Energy labeling of televisions, TUV/Color Accuracy (Quick Stability)	CB, TUV/GS, CE, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomics, RCM, EAC, RoHS, WEEE, CUDO certified mark	CB, CE, TUV/GS, cTUVus, FCC-B, Canadian ICES-003-B, VCCI-B, TUV/Ergonomics, RCM, EAC, RoHS, WEEE, CUDO certified mark	CUDO certified mark, TCO Displays 6.0, TUV/S, TUV/Ergonomics, TUV/GS, cTUVus, CE, RCM, CB, VCCI-B, FCC-B, Canadian ICES-003-B, RoHS, WEEE, EAC
Warranty		Five Years [1, 2, 3]	Five Years [1, 2, 3]	Five Years [1, 2, 3]	Five Years [1, 2, 3]	Five Years [1, 2, 3]	Five Years [1, 3]	Five Years [1, 3]	Five Years [1, 3]	Five Years [1, 3]

Dimensions (Unit: mm)

[1] Usage time is limited to 30,000 hours.
[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 - 6500 K.
[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.

Accessories

Monitor Hoods

CH2400
Supported Models: CG248-4K, CG2420, CS2420
CH2400 is bundled with the CG248-4K and CG2420

CH7
Supported Models: CS240

CH6
Supported Model: CS230

CH5
Supported Models: CG277, CX271, CS270
CH5 is bundled with the CG277

A monitor hood is bundled with the CG318-4K and CG247X.

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 CX and 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

Color Management Software
ColorNavigator™ 6

Color management software for simple calibration and predictable color results.

Quality Control Software
ColorNavigator™ NX

Quality control software for management of client ColorEdge monitors.

Network Color Management Software
ColorNavigator™ Network

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

Software System Requirements (as of June 2016)
See www.eizoglobal.com for the latest information.

	ColorNavigator 6		ColorNavigator NX		
	Macintosh	Windows	Macintosh	Windows	Linux
Compatible OS	OS X El Capitan (10.11) / Yosemite (10.10) / Mavericks (10.9) / Mountain Lion (10.8) / Mac OS X 10.7.5	Windows 10 (32-bit, 64-bit) / 8.1 (32-bit, 64-bit) / 7 (32-bit, 64-bit)	OS X El Capitan (10.11) / Yosemite (10.10) / Mavericks (10.9) / Mountain Lion (10.8) / Mac OS X 10.7.5	Windows 10 (32-bit, 64-bit) / 8.1 (32-bit, 64-bit) / 7 (32-bit, 64-bit)	Red Hat Enterprise Linux Workstation 6
Additional Requirements	· Apple Macintosh that fulfills the OS system requirements · Two or more available USB ports · Minimum 16.7 million display colors · Recommended minimum resolution of 1024 x 768	· PC that fulfills the OS system requirements			
Supported Monitors	ColorEdge CG Series ColorEdge CX Series ColorEdge CS Series		ColorEdge CG Series ColorEdge CX Series		

Compatible Measurement Devices (as of June 2016)
See www.eizoglobal.com for the latest information.

	ColorNavigator 6		ColorNavigator NX	
Manufacturers	Supported Sensors	Notes	Supported Sensors	Notes
X-Rite	i1 Monitor, i1 Pro, i1 Pro2, i1 Display, i1 Display 2, i1 Display 3, i1 Display Pro	Ambient light adjustment is not available with the i1 Monitor and i1 Display.	i1 Monitor, i1 Pro, i1 Pro 2, i1 Display 3, i1 Display Pro	
	ColorMunki PHOTO, ColorMunki DESIGN	ColorMunki Display and ColorMunki Smile are not supported.	ColorMunki PHOTO, ColorMunki DESIGN	ColorMunki Display and ColorMunki Smile are not supported. Not compatible with Linux
Datacolor	Spyder 3, Spyder 4, Spyder 5	Ambient light adjustment and gray balance prioritizing function are not available.	Spyder 3, Spyder 4, Spyder 5	Not compatible with Linux
EIZO	EX1, EX2, EX3	Ambient light adjustment and gray balance prioritizing function are not available.	EX1, EX2, EX3	Not compatible with Linux
	Built-in calibration sensor	Ambient light adjustment and paper white measurement are not available and therefore calibration using such measured values is not available.	Built-in calibration sensor	
basICColor	DISCUS		DISCUS	Not compatible with Linux
Colorimetry Research	CR-100, CR-250	Ambient light adjustment is not available.	CR-100, CR-250	
Klein	K-10	Ambient light adjustment and paper white measurement are not available.	K-10	
Konica Minolta	CA-210, CA-310, CS-1000, CS-1000A, CS-2000, CS-2000A, CS-200	Ambient light adjustment and paper white measurement are not available. Driver not included with ColorNavigator 6.	CA-210, CA-310, CS-1000, CS-1000A, CS-2000, CS-2000A, CS-200	Not compatible with Mac OS X or Linux Driver not included with ColorNavigator NX
Photo Research	PR-655, PR-680	Ambient light adjustment and paper white measurement are not available.	PR-655, PR-680	

EIZO Corporation

153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan

Phone +81-76-277-6792 Fax +81-76-277-6793

www.eizoglobal.com