*E*IZO expands its ColorEdge series with two new models designed to meet the needs of professionals in graphic design, photography, and CAD/CAM. The CE240W and CE210W feature the 16:10 widescreen format and offer hardware calibration capability for customized color control. Additionally, their fast midtone response time makes them ideal for video editing.

F E A T U R E S

Simple and Precise 10-Bit Calibration

The EIZO-developed ColorNavigator CE software makes calibration both simple and accurate. Just set the target values for brightness, white point, and gamma. ColorNavigator CE works with the measurement device to directly utilize the monitors' 10-bit look-up table for accurate calibration in less than five minutes. When calibration is complete the settings can be saved as an ICC profile. The software also offers black level settings (digital signal only) and measurement of ambient light.

Factory Adjustment of Gamma

Each color tone from 0 – 255 is measured on the production line to ensure color is displayed consistently on every ColorEdge CE monitor.

Widescreen Format

Both monitors employ a wide 16:10 aspect ratio. The increased horizontal space this affords means you can open two windows and have room for your tool palettes without any overlap.

Fast Response Time

A fast midtone response time of just 8 ms ensures that movies and other moving images look clean and sharp with an absolute minimum of blurring. This makes these monitors a suitable upgrade from CRT monitors for video or animation editing.

14-Bit Processing

A powerful EIZO-developed integrated circuit with 14-bit color processing capability is incorporated for smooth grayscale rendering. The result is a great degree of detail, especially in dark areas of an image.

ArcSwing 2 Stand

The innovative stand offers a curved range of movement so you can adjust the screen to various positions such as at an angle akin to reading a book. It also has a compartment in the back for cable management.

Touch Sensitive Switches

Sensitive electrostatic "touch" switches on the front panel present a sophisticated appearance and are easier to engage than the small buttons of most LCD monitors.

Additional Features

- Dual DVI-I inputs accept both digital and analog signals.
- USB 2.0 hub with two downstream ports are conveniently located on the side of the monitor.
- Available in black and a white/silver cabinet that complements the appearance of the Power Mac G5 or Mac mini.
- Supports GretagMacbeth Eye-One, X-Rite MonacoOPTIX, and ColorVision Spyder 2 measurement devices.

ColorEdge® CE

Color Calibration LCD Monitors

Specifications

		ColorEdge® CE240W	ColorEdge® CE210W
Panel	Size and Type	61 cm (24.1") TFT color LCD panel	53 cm (21.1") TFT color LCD panel
	Viewing Angles (H, V)	178°, 178° (at contrast ratio of 10:1)	178°, 178° (at contrast ratio of 10:1)
	Brightness / Contrast	450 cd/m^2 / 1000:1	450 cd/m^2 / 1000:1
	Response Time	16 ms (typical)	16 ms (typical)
	Midtone Response Time	8 ms [1]	8 ms [1]
	Native Resolution	1920 × 1200	1680 × 1050
	Active Display Size (H × V)	518.4 × 324.0 mm	453.6 × 283.5 mm
	Viewable Image Size	Diagonal: 611 mm	Diagonal: 534 mm
	Pixel Pitch	0.270 × 0.270 mm	0.270 × 0.270 mm
	Display Colors	16.77 million from a palette of 1.06 billion	16.77 million from a palette of 1.06 billion
Available Cabinet Colors		White, Black	White, Black
Dot Clock		Analog: 202.5 MHz, Digital: 162 MHz	Analog: 150 MHz, Digital: 120 MHz
Scanning Frequency (H, V)	Analog	24 – 94 kHz, 49 – 86 Hz	24 – 82 kHz, 49 – 86 Hz
	Digital	31 – 76 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)	31 – 65 kHz, 59 – 61 Hz (VGA Text: 69 – 71 Hz)
Input Signals		Analog: RGB Analog, Digital: DVI Standard 1.0	Analog: RGB Analog, Digital: DVI Standard 1.0
Input Terminals		DVI-I 29 pin × 2 (switchable)	DVI-I 29 pin × 2 (switchable)
USB Ports / Standard		1 upstream, 2 downstream / USB Standard Rev. 2.0	1 upstream, 2 downstream / USB Standard Rev. 2.0
Plug & Play		VESA DDC 2B	VESA DDC 2B
Power	Power Requirements	AC 100 – 120 V, 200 – 240 V: 50 / 60 Hz	AC 100 – 120 V, 200 – 240 V: 50 / 60 Hz
	Power Consumption	110 W (maximum)	80 W (maximum)
	Power Save Mode	Less than 2 W	Less than 2 W
Physical Specifications	Height Adjustment Range	95 mm	95 mm
	Tilt / Swivel / Pivot	60° Up, 5° Down / 172° Right, 172° Left / –	60° Up, 5° Down / 172° Right, 172° Left / –
	Dimensions (W × H × D)	With Stand: 566 × 358.7 – 480 × 230 mm Without Stand: 566 × 396 × 85 mm	With Stand: 501 × 341.1 – 459.5 × 230 mm Without Stand: 501 × 355 × 85 mm
	Net Weight	With Stand: 10.2 kg, Without Stand: 7.8 kg	With Stand: 8.2 kg, Without Stand: 5.8 kg
Auto Brightness Functions		Auto Brightness Stabilization	Auto Brightness Stabilization
Auto Adjustment Function (Analog Only)		Auto Adjustment	Auto Adjustment
Display Mode Options		Fine Contrast (sRGB, Custom, CAL)	Fine Contrast (sRGB, Custom, CAL)
Screen-Manager OSD Adjustment Functions	Screen Adjustment	Clock, Phase, Position, Resolution, Brightness, Signal Filter, Screen Size (full screen, enlarge, normal), Smoothing (5 stages), Border Intensity	
	Color Adjustment	Range Adjustment (RGB), Independent 6-Color Control, Gamma, Temperature (in 500 K increments from 4,000 K – 10,000 K), Saturation, Hue, Gain, Reset	
	Power Save Settings / Analog	PowerManager (VESA DPMS), Off Timer	PowerManager (VESA DPMS), Off Timer
	Power Save Settings / Digital	PowerManager (DVI DMPM), Off Timer	PowerManager (DVI DMPM), Off Timer
	Other Settings	Signal Settings, Input Priority, Product Information (product name, serial number, resolution, operating time), OSD Menu Settings, Adjustment Lock, Languages (English, French, German, Italian, Japanese, Spanish, Swedish), Reset	
Certifications and Standards		TCO'03, TÜV/Ergonomics (including ISO 13406-2), TÜV/GS, c-Tick, CE, CB, UL (cTÜVus), CSA (cTÜVus), FCC-B, Canadian ICES-003-B, TÜV/S, VCCI-B, EPA ENERGY STAR®, RoHS, WEEE, CCC, EIZO Eco Products 2004	
Supplied Accessories		AC power cord, signal cables (DVI-D - DVI-D, D-Sub - D-Sub), USB cable, EIZO LCD Utility Disk (ColorNavigator CE, HTML user's manual, ICC Profile) adjustment certificate, warranty registration card	
Warranty		Five Years	Five Years

[1] Average response time measured between each grayscale level of 31, 63, 95, 127, 159, 191, and 223.
With current LCD technology, a panel may contain a limited number of missing or flickering pixels.

Calibration Parameters

Brightness		80 cd/m^2 – 400 cd/m^2 in 5 cd/m^2 increments
	Black Level	Digital: 0.5 cd/m^2 – 3.5 cd/m^2 in 0.1 cd/m^2 increments*
White Point	Color Temperature	4,000 K – 10,000 K in 100 K increments
	Color Coordinates	X Value, Y Value
Gamma		Digital: 1.0 – 2.6 in 0.1 increments Analog: 1.8 – 2.6 in 0.1 increments

* Black level adjustment is not available in an analog connection.

ColorNavigator CE System Requirements

Compatible Operating Systems	Macintosh	Windows
	Mac OS X 10.2 or later	Windows XP/2000
Colors	32,000 minimum	
Resolution	1024 × 768 minimum recommended	
Additional Requirements	Apple Macintosh system that fulfills Mac OS X requirements • 128 MB memory minimum • Power Macintosh G3 (Blue & White)/G4/G4 Cube/G5/mini • PowerBook G3 (Bronze Keyboard or later)/G4 • eMac	• PC/AT compatible machine • Pentium compatible CPU (300 MHz minimum, RAM 128 MB minimum)
	Two or more available USB ports	