Built-In Calibration Sensor

Automate your calibration with the built-in calibration sensor that eliminates the time and effort of an external calibration device. With the dedicated ColorNavigator NX and ColorNavigator 6 software, you can schedule the monitor to self-calibrate at specific times. Even if the monitor is switched off or not connected to a computer, it will stick to its preset schedule.

Large 31.1” Screen

Whether you are creating, editing, or checking your work, this screen offers ample space to focus on 4K content. At a dense 149 ppi, this monitor is ideal for not only video but also photography and printing.

Reproduces 98% of DCI-P3

This wide-gamut monitor faithfully reproduces almost the entire DCI-P3 standard used in digital cinema. It also covers 100% of the Rec. 709, EBU, and SMPTE-C standards and 99% of Adobe RGB. What’s more, it reproduces the sky blues and lush greens that standard sRGB monitors cannot.

Color Management Solution

With ColorNavigator Network software, an administrator can centralize management of all CG318-4K and other ColorEdge monitors on a network. For example, the administrator can self-calibrate, set color modes, register or edit asset management settings, and other tasks whether the monitors are local or remote. This ensures that monitors always have the proper settings and saves hundreds or even thousands of hours in annual maintenance time.

The ColorEdge CG318-4K displays the DCI 4K standard (4096 x 2160). It’s ideal for 2D and 3D CGI, VFX, compositing, and color grading. It is also effective for photo retouching work.

Your creativity in extreme detail.
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, the monitor incorporates EIZO’s patented digital uniformity equalizer (DUE) technology to ensure a Delta-E difference of 3 or less across the screen when the monitor leaves the factory.

Multiple Inputs

With a single cable, DCI 4K resolution at 60 Hz is supported by both DisplayPort 1.2 inputs and at 30 Hz by both HDMI inputs.

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Broadcast and Cinema Presets

Preset color modes for EBU, Rec. 709, SMPTE-C, and DCI ensure you can work in the appropriate color spaces and gamma values. To switch between the presets just push a button on the front of the monitor. With the built-in calibration sensor, you can adjust or maintain the brightness setting for each preset.

Safe Area Marker

A safe area marker designates the area of the screen that will be displayed on any display device. This allows you to confirm that subtitles and other text will be visible.

3D LUT for Accurate Color Display

A 3D LUT is included which adjusts colors individually on an RGB cubic table. With the emulation function of ColorNavigator NX and ColorNavigator 6, the 3D LUT applies a film look to the image so creators can check how it will be seen by their audience.

Stable Color in Just Three Minutes

A typical monitor takes 30 minutes or more for its brightness, chromaticity, and tone characteristics to stabilize, but the CG318-4K takes just three minutes so you get stable color right away.

True Blacks with 1500:1 Contrast Ratio

In compliance with the DCI standard, the contrast ratio is a high 1500:1. This produces true blacks that are otherwise difficult to display on a typical LCD monitor. Even when viewing the screen from an angle in a dimly lit studio, the dark tones retain their depth.

35°

235.5 mm

126 mm

61.6 mm

Low-profile column

Height adjustment 14.4 mm

Flicker-Free for Reduced Eye Fatigue

The ColorEdge CG318-4K offers flicker-free viewing at all brightness levels to reduce eye fatigue.

Shading Hood Included

To prevent ambient light from reflecting off the screen, a shading hood that surrounds the top and left and right sides is bundled with the monitor.

5-Year Warranty

A manufacturer’s 5-year warranty covers all components including the LCD panel.

Brightness and Color Warranty

Brightness and color are warranted for up to 10,000 hours from the date of production.

With 10-bit simultaneous color display* from a 16-bit look-up table, the CG318-4K can show more than one billion colors simultaneously. This is 64 times as many colors as you get with 8-bit display which results in even smoother color gradations.

A graphics board and software which support 10-bit output are also necessary for 10-bit display. Equipment that supports Deep Color is necessary with the HDMI inputs.

10-Bit Simultaneous Display

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