ColorEdge **CS3200X**



→ **Product Website** → **Video Playlist** → **Experience in AR**

31.5" 4K graphics monitor

The ColorEdge CS3200X offers visual reliability on a 31.5-inch display and is the ideal tool for all creative professionals. Whether your content is photographed, filmed, scanned, drawn, or AI-generated – one thing is always essential: reliability and precision. And you can never have enough screen space. That's exactly what the CS3200X offers with its 31.5-inch screen diagonal and razor-sharp 4K UHD display. This ensures that image content, user interfaces, tools, and the timeline are all displayed clearly and at an optimal size. The CS3200X covers 99% of the Adobe RGB and 96% of the DCI-P3 color spaces – ideal conditions for image editing, post-production, color grading, and printing. Numerous pre-calibrated presets, such as Adobe RGB, DCI-P3, and BT.709, allow for quick switching between different production standards. When used with Apple devices, the Display P3 preset ensures consistent image reproduction. Thanks to presets for HLG and PQ gamma, the CS3200X integrates seamlessly into professional HDR workflows. In Sync Signal mode, brightness, gamma, and color space are even automatically adjusted according to the video signal's metadata. Via USB-C, the monitor transmits video signals, USB data, and up to 70 watts of charging power. HDMI and DisplayPort are also available. The integrated KVM switch allows for convenient use of USB accessories with multiple computers, and the included light shield rounds out the extensive feature set.

- 31.5-inch 4K UHD display with 3840 x 2160 pixels, 16:9 aspect ratio
- 99% Adobe RGB and 96% DCI-P3 color gamut coverage
- 350 cd/m² maximum brightness, 1300:1 contrast ratio
- 16-bit look-up table (LUT) with 10-bit image representation
- Digital Uniformity Equalizer (DUE) for perfect luminance distribution and color purity
- Sync signal function for automatic adjustment to signal parameters
- HDR targets for HDR-HLG and HDR-PQ EOTF
- Lossless hardware calibration with ColorNavigator and external sensors
- USB-C (DisplayPort signal and up to 70 watts Power Delivery), DisplayPort, and HDMI inputs
- USB hub with four USB downstream ports, including two 5 Gbps (USB 3) and two USB 2 ports, KVM switch
- Magnetically attached light shield included
- 5-year warranty for highest investment security

Technical Data

GENERAL

Item no.	CS3200X
Case color	Black
Areas of application	Photography, Video & Graphics
Product line	ColorEdge
Areas of application	Photography, image editing and retouching, Video Editing, Post Production and Colour Grading, Design, creation and illustration, Printing and Fine Art Printing, Textile and fashion industry
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047071280

SCREEN

Screen size [in inches]	31,5
Screen size [in cm]	80,0
Format	16:9
Viewable image size (width x height) [in mm]	697,3 x 392,2
Ideal and recommended resolution	3840 x 2160 (4K UHD)
Pixel pitch [in mm]	0,182 x 0,182
Pixel density [in ppi]	140
Supported resolutions	3840 x 2160 (4K UHD), 2560 x 1600, 2560 x 1440, 2560 x 1440 (@ 30 Hz), 1920 x 1200, 1920 x 1080 (Full HD), 1680 x 1050, 1600 x 1200, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480, 1080p (@ 60 Hz), 1080i (@ 60 Hz), 1080p (@ 50 Hz), 1080i (@ 50 Hz), 1080p (@ 30/25/24 Hz), 720p (@ 60 Hz), 720p (@ 50 Hz), 576p (@ 60 Hz), 576p (@ 50 Hz), 480i (@ 60 Hz)
Panel technology	IPS (Wide Gamut)
Max. viewing angle horizontal [in °]	178
Max. viewing angle vertical [in °]	178
Number of colors or greyscale	1.07 billion colors (USB-C, 10-bit), 1.07 billion colors (HDMI, 10 Bit), 1.07 billion colors (DisplayPort, 10 Bit)
Color palette/look-up table	278 trillion color tones / 16 Bit
Max. color space (typical)	DCI P3 (96%), AdobeRGB (99%), sRGB, Rec709 (100%), EBU (100%), SMPTE-C (100%)
Color space presets	HLG_BT.2100, Display P3, PQ_DCI-P3, DCI-P3, BT.709, sRGB, AdobeRGB
HDR Gamma	PQ, HLG
Max. brightness (typical) [in cd/m²]	350
Max. dark room contrast (typical)	1300:1
Response time grey-grey alternation (typical) [in ms]	14
Backlight	LED

FEATURES & OPERATION

USB-C docking	✓
Hardware calibration of brightness and luminance characteristics	✓
Preset color/greyscale modes	Display P3, BT.709, HLG BT.2100, DCI-P3, PQ DCI-P3, AdobeRGB, 2x manual memory locations, sRGB, Sync Signal
Digital Uniformity Equalizer (homogeneity correction)	✓
I/P conversion	✓
HDCP Decoder	✓
Automatic signal input recognition	✓
On-screen menu languages	de, en, fr, es, it, se
Adjustment options	Color Mode, Brightness, Color temperature/White point, Gamma, Colour tone, Color saturation, Scaling, Color matrix YUV/RGB, Input Range, Skip signal input, Skip color mode, OSD language, Signal input, Key lock, DUE priority
Button Guide	✓
Integrated power unit	✓

CONNECTIONS

Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 2.3), DisplayPort (HDCP 2.3), HDMI (Deep Color, HDCP 1.4/2.3)
USB specification	USB 5Gbps (USB 3)
USB upstream ports	1 x type C (DisplayPort Alt Mode, 70 W max.), 1 x type B
USB downstream ports	4 x Typ A (2 x 5Gbps (USB 3), 2 x USB 2)
Graphic signal	USB-C, DisplayPort, HDMI (RGB, YUV)

ELECTRICAL DATA

Frequency	USB Type-C, DisplayPort: 25 - 137 kHz / 23 - 61 Hz; HDMI: 15 - 135 kHz / 23 - 61 Hz
Power consumption (typical) [in watts]	25
Maximum Power Consumption [in watts]	166 (at maximum brightness and operation of all signal and USB ports as well as full charging power)
Max. Power consumption in stand-by mode [in watts]	0.5
Power consumption with power switch off [in watts]	0
Energy efficiency class	E
Power supply	AC 100-240V, 50/60Hz
Max. USB-C Power Delivery [in Watt]	70

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	712,7 x 431,5-573,3 x 245
Weight (incl. stand) [in kg]	10.6
Dimensions (without stand) (width x height x depth) [in mm]	712,7 x 420,5 x 69,3
Weight (without stand) [in kg]	7.7
Dimension drawing (PDF)	Dimension drawing (PDF)
Rotatability of the stand [in °]	344
Tiltability forwards/backwards [in °]	5 / 35
Height adjustment range [in mm]	141.8
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

Certification	CE, UKCA, CB, RCM, cTÜVus, FCC-B, CAN ICES-3 (B), PSE, VCCI-B, RoHS, WEEE

SOFTWARE & ACCESSORIES

Accompanying software and other accessories are available for download	ColorNavigator, ColorNavigator Network, Quick Color Match
Other box contents	Signal cable HDMI - HDMI, USB/signal cable (USB-C - USB-C), USB cable (Type A - Type B), Power cord, Calibration report, Manual via download, Quick guide
Accessories	EX5 (External calibration sensor for ColorEdge monitors in conjunction with the ColorNavigator 7 color management software.), CC100 (USB-C port cable), PP100-K (DisplayPort cable), PP200-K (DisplayPort cable)
Light protection cover	✓

WARRANTY

Warranty periode	5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.
Included warranty	Zero pixel defects guarantee; no fully illuminated sub-pixels (sub-pixels ISO 9241-307) for six months from date of purchase.

Experience the CS3200X in AR now!

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