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24" graphic monitor

The ColorEdge CS2400R is the most affordable entry into the world of maximum precision: the panel offers full coverage of the sRGB and Rec 709 colour spaces. The Digital Uniformity Equalizer (DUE) ensures homogeneous image representation and the 16-bit look-up table guarantees absolutely precise colour representation with up to 10 bits. On the one hand, the exact factory calibration guarantees the highest precision "out of the box". On the other hand, the regularly recommended recalibration is done in no time at all. This means that photographers, filmmakers or image editors can always rely on their monitor to show them an absolutely precise view of their image file. The docking functions via USB-C allow the image signal to be transferred and the monitor's USB hub to be powered with just one cable. In addition, a mobile device can be supplied with up to 70 watts of charging current. In this way, the CS2400S becomes the central dock of the creative workflow with a flick of the wrist. Alternatively, the monitor can of course also be operated via HDMI or DisplayPort as well as USB-B upstream.

- ✓ 24" IPS LCD with 1920 x 1200 pixels, 16:10 format
- ✓ 100 % colour space coverage of sRGB and Rec 709
- ✓ 300 cd/m² maximum brightness, contrast 1000:1
- ✓ 10-bit display, 16-bit look-up table
- ✓ Exact hardware calibration of brightness, white point and gamma
- ✓ Digital Uniformity Equalizer for perfect luminance distribution and colour purity
- ✓ USB-C (DisplayPort signal and up to 70 Watt Power Delivery), DisplayPort and HDMI input
- ✓ USB hub with two 5Gbps (USB 3) and two USB 2 downstream ports
- ✓ 5-year warranty for highest investment security

Technical Data

GENERAL

Item no.	CS2400R
Case color	Black
Areas of application	Photography, Video & Graphics
Product line	ColorEdge
Areas of application	Photography, image editing and retouching, Design, creation and illustration
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047065104

SCREEN

Screen size [in inches]	24,1
Screen size [in cm]	61,1
Format	16:10
Viewable image size (width x height) [in mm]	518,4 x 324
Ideal and recommended resolution	1920 x 1200
Pixel pitch [in mm]	0,27 x 0,27
Supported resolutions	1920 x 1200, 1920 x 1080 (Full HD), 1200p (@ 60 Hz), 1080p (@ 60 Hz), 1080i (@ 60 Hz), 1080p (@ 50 Hz), 1080i (@ 50 Hz), 1080p (@ 30/25/24 Hz), 720p (@ 60 Hz), 720p (@ 50 Hz), 576p (@ 50 Hz), 576i (@ 50 Hz), 480p (@ 60 Hz), 480i (@ 60 Hz)
Panel technology	IPS
Max. viewing angle horizontal	178
Max. viewing angle vertical	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), 16.7 million colors (DisplayPort, 8 Bit), 16.7 million colors (HDMI, 8 Bit), 16.7 million colors (USB-C, 8 Bit)
Color palette/look-up table	278 trillion color tones / 16 Bit
Max. color space (typical)	sRGB (100%)
Max. brightness (typical) [in cd/m ²]	300
Recommended brightness [in cd/m ²]	120
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	14
Max. refresh rate [in Hz]	60
Backlight	LED

CONNECTIONS

Signal inputs	HDMI (Deep Color, HDCP 2.3), USB-C (DisplayPort Alt Mode, HDCP 2.3), DisplayPort (HDCP 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	DisplayPort, HDMI (RGB, YUV)

FEATURES & OPERATION

USB-C docking	✓
KVM switch	✓
Hardware calibration of brightness and luminance characteristics	✓
Preset color/greyscale modes	1x manual memory location, sRGB, additional memory spaces through calibration
Digital Uniformity Equalizer (homogeneity correction)	✓
No flickering	✓
I/P conversion	✓
HDCP Decoder	✓
Gamut Clipping	✓
Automatic signal input recognition	✓
On-screen menu languages	de, en, fr, es, it, se
Adjustment options	Color Mode, Brightness, Contrast, Color temperature /White point, Gamma, Colour tone, Color saturation, 6 Colors, Scaling, Color matrix YUV/ RGB, Input Range, Menu Rotation, Skip signal input, Skip color mode, Custom key, OSD language, Signal input, DUE priority
Button Guide	✓
Integrated power unit	✓

ELECTRICAL DATA

Frequency	USB-C, DisplayPort: 26-76 kHz/23-61 Hz; HDMI: 15-76 kHz/23-61 Hz
Power consumption (typical) [in watts]	15
Maximum Power Consumption [in watts]	134 (at maximum brightness with all signal inputs and USB ports in use)
Max. Power consumption in stand-by mode [in watts]	0.3
Power consumption with power switch off [in watts]	0
Energy efficiency class	F
Energy consumption/1000h [in kWh]	19
Power supply	AC 100-240V, 50/60Hz
Max. USB-C Power Delivery [in Watt]	70
Power management	✓

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	554 x 396-551 x 245
Weight (incl. stand) [in kg]	8.1
Dimension drawing (PDF)	Dimension drawing (PDF)
Rotatability of the stand [in °]	344
Tiltability forwards/backwards [in °]	5 / 35
Pivot between portrait / landscape	clockwise
Height adjustment range [in mm]	155
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

Certification	CE, UKCA, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), RCM, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RoHS, WEEE, China RoHS, CCC
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SOFTWARE & ACCESSORIES

Accompanying software and other accessories are available for download	ColorNavigator, ColorNavigator Network, Quick Color Match
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Other box contents	Calibration report, Signal cable HDMI - HDMI, USB /signal cable (USB-C - USB-C), USB cable (Type A - Type B), Power cord, Quick guide
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Accessories	CP200, CC100, PP100-K, EX4, CH2400
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WARRANTY

Warranty periode	5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.
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Included warranty	Zero pixel defects guarantee; no fully illuminated sub-pixels (sub-pixels ISO 9241-307) for six months from date of purchase.
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**Experience the
CS2400R in AR now!**

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