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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/m 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		FEATURES & OPERATION	
Item no.	CS2400R	USB-C docking	
Case color	Black	KVM switch	
Areas of application	Photography, Video & Graphics	Hardware calibration of brightness and luminance characteristics	
Product line	ColorEdge	Preset color/greyscale modes	1x manual memory location, sRGB, additional memory spaces through calibration
Areas of application	Photography, image editing and retouching, Design, creation and illustration	Digital Uniformity Equalizer (homogeneity correction)	
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows	No flickering	
EAN	4995047065104	I/P conversion	
SCREEN		HDCP Decoder	
Screen size [in inches]	24,1	Gamut Clipping	
Screen size [in cm]	61,1	Automatic signal input recognition	
Format	16:10	On-screen menu languages	de, en, fr, es, it, se
Viewable image size (width x height) [in mm]	518,4 x 324	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
Ideal and recommended resolution	1920 x 1200	Button Guide	
Pixel pitch [in mm]	0,27 x 0,27	Integrated power unit	
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)	ELECTRICAL DATA	
Panel technology	IPS	Frequency	USB-C, DisplayPort: 26-76 kHz/23-61 Hz; HDMI: 15-76 kHz/23-61 Hz
Max. viewing angle horizontal	178	Power consumption (typical) [in watts]	15
Max. viewing angle vertical	178	Maximum Power Consumption [in watts]	134 (at maximum brightness with all signal inputs and USB ports in use)
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)	Max. Power consumption in stand-by mode [in watts]	0.3
Color palette/look-up table	278 trillion color tones / 16 Bit	Power consumption with power switch off [in watts]	0
Max. color space (typical)	sRGB (100%)	Energy efficiency class	F
Max. brightness (typical) [in cd/m]	300	Energy consumption/1000h [in kWh]	19
Recommended brightness [in cd/m]	120	Power supply	AC 100-240V, 50/60Hz
Max. dark room contrast (typical)	1000:1	Max. USB-C Power Delivery [in Watt]	70
Response time grey-grey alternation (typical) [in ms]	14	Power management	
Max. refresh rate [in Hz]	60	DIMENSIONS & WEIGHT	
Backlight	LED	Dimensions (incl. stand) (width x height x depth) [in mm]	554 x 396-551 x 245
CONNECTIONS		Weight (incl. stand) [in kg]	8.1
Signal inputs	HDMI (Deep Color, HDCP 2.3), USB-C (DisplayPort Alt Mode, HDCP 2.3), DisplayPort (HDCP 2.3)	Dimension drawing (PDF)	Dimension drawing (PDF)
USB specification	USB 5Gbps (USB 3)	Rotatability of the stand [in °]	344
USB upstream ports	1 x type C (DisplayPort Alt Mode, 70 W max.), 1 x type B	Tiltability forwards/backwards [in °]	5 / 35
USB downstream ports	4 x Typ A (2 x 5Gbps (USB 3), 2 x USB 2)	Pivot between portrait / landscape	clockwise
Graphic signal	DisplayPort, HDMI (RGB, YUV)	Height adjustment range [in mm]	155
		Hole spacing	100 x 100



ColorEdge CS2400R

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
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
Accessories	CP200, CC100, PP100-K, EX4, CH2400

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
CS2400R in AR now!

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