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24" graphic monitor

The ColorEdge CS2400S is the perfect entry into the world of maximum precision: the panel offers extremely wide coverage of the relevant colour spaces (e.g. 99 % AdobeRGB). 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" Wide Gamut LCD with 1920 x 1200 pixels, 16:10 format
- ✓ Wide colour gamut with 99% AdobeRGB and 95% DCI-P3 colour space coverage
- ✓ 410 cd/m² maximum brightness, contrast 1350:1
- ✓ 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 USB 3.1 and two USB 2 downstream ports

Technical data

GENERAL		FEATURES & OPERATION	
Item no.	CS2400S	Hardware calibration ColorEdge	✓
Case colour	Black	Preset colour/greyscale modes	1x manual memory location, AdobeRGB, sRGB, additional memory spaces through calibration
Solution area	Photography, Video & Graphics	Digital Uniformity Equalizer (homogeneity correction)	✓
Product line	ColorEdge	No flickering thanks to hybrid controls	✓
Areas of application	Photography, image editing and retouching, Design, creation and illustration	I/P conversion	✓
EAN	4995047066194	Signal range extension (HDMI)	✓
DISPLAY		HDCP Decoder	✓
Screen size [in inches]	24,1	Gamut Clipping	✓
Screen size [in cm]	61,1	Input signal identification	✓
Format	16:10	OSD language	de, en, fr
Viewable image size (width x height)	518,4 x 324	OSD setting options	Signal information, 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, Custom key, OSD language, Signal input, DUE priority
Ideal and recommended resolution	1920 x 1200	Button Guide	✓
Pixel pitch [mm]	0,27 x 0,27	Integrated power unit	✓
Resolution supported	1920 x 1200, 1920 x 1080 (Full HD), 1200p (@ 60 Hz), 1200p (@ 50 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 (Wide Gamut)	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 watt]	18
Max. viewing angle vertical	178	Maximum Power Consumption [in watt]	149 (at maximum brightness with all signal inputs and USB ports in use)
Number of colours 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)	Power Save Mode [in watt]	0.3
Colour palette/look-up table	278 trillion color tones / 16 Bit	Power consumption off [in watt]	0
Max. colour space (typical)	DCI P3 (>95%), AdobeRGB (>99%), ISO Coated V2 (>99%), sRGB (100%)	Energy efficiency class	E
Max. brightness (typical) [in cd/m ²]	410	Energy consumption/1000h [in kWh]	16
Recommended brightness [in cd/m ²]	120	Power supply	AC 100-240V, 50/60Hz
Max. dark room contrast (typical)	1350:1	Power supply via USB C	70
Response time grey-grey alternation (typical) [in ms]	19	Power management	✓
Max. refresh rate [in hertz]	60	DIMENSIONS & WEIGHT	
Backlight	LED	Dimensions [mm]	554 x 396-551 x 245
CONNECTIONS		Weight [in kilograms]	8.2
Video Input	HDMI (Deep Color, HDCP 2.3), USB-C (DisplayPort Alt Mode, HDCP 2.3), DisplayPort (HDCP 2.3)	Link technical drawing	Dimension drawing (PDF)
USB specification	USB 5Gbps (USB 3)	Swivel	344
USB upstream ports	1 x type C (DisplayPort Alt Mode, 70 W max.), 1 x type B	dimensionTilt	5 / 35
USB downstream ports	4 x Typ A (2 x 5Gbps (USB 3), 2 x USB 2)	Housing dimension details	90° (clockwise)
Video signal	DisplayPort, HDMI (RGB, YUV)	Height adjustment range [mm]	155
		Hole spacing	100 x 100

CERTIFICATION AND 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

Software	Quick Color Match, ColorNavigator Network, ColorNavigator
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Additional supply	Calibration report, Signal cable HDMI - HDMI, USB/signal cable (USB-C - USB-C), Power cord, Quick guide
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WARRANTY

Warranty duration	5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.
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Included warranty service	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
CS2400S in AR now!**

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