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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.x) and two USB 2 downstream ports

Technical data

GENERAL

Item no.	CS2400R
Case colour	Black
Solution area	Photography, Video & Graphics
Product line	ColorEdge
Areas of application	Photography, image editing and retouching, Design, creation and illustration
EAN	4995047065104

DISPLAY

Screen size [in inches]	24,1
Screen size [in cm]	61,1
Format	16:10
Viewable image size (width x height)	518,4 x 324
Ideal and recommended resolution	1920 x 1200
Pixel pitch [mm]	0,27 x 0,27
Resolution supported	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 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)
Colour palette/look-up table	278 trillion color tones / 16 Bit
Max. colour 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 hertz]	60
Backlight	LED

CONNECTIONS

Video Input	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)
Video signal	DisplayPort, HDMI (RGB, YUV)

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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FEATURES & OPERATION

USB-C docking	✓
KVM switch	✓
Hardware calibration ColorEdge	✓
Preset colour/greyscale modes	1x manual memory location, sRGB, additional memory spaces through calibration
Digital Uniformity Equalizer (homogeneity correction)	✓
No flickering thanks to hybrid controls	✓
I/P conversion	✓
HDCP Decoder	✓
Gamut Clipping	✓
Input signal identification	✓
OSD language	de, en, fr, es, it, se
OSD setting 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 watt]	15
Maximum Power Consumption [in watt]	134 (at maximum brightness with all signal inputs and USB ports in use)
Power Save Mode [in watt]	0.3
Power consumption off [in watt]	0
Energy efficiency class	F
Energy consumption/1000h [in kWh]	19
Power supply	AC 100-240V, 50/60Hz
Power supply via USB C	70
Power management	✓

DIMENSIONS & WEIGHT

Dimensions [mm]	554 x 396-551 x 245
Weight [in kilograms]	8.1
Link technical drawing	Dimension drawing (PDF)
Swivel	344
dimensionTilt	5 / 35
Housing dimension details	90° (clockwise)
Height adjustment range [mm]	155
Hole spacing	100 x 100

SOFTWARE & ACCESSORIES

Software	Quick Color Match, ColorNavigator Network, ColorNavigator
Additional supply	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 duration	5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.
Included warranty service	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!**