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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 | | 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/m²] | 300 | Energy consumption/1000h [in kWh] | 19 |
| Recommended brightness [in cd/m²] | 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 |

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 |
|---------------|--|

SOFTWARE & ACCESSORIES

| | |
|--|---|
| Accompanying software and other accessories are available for download | Quick Color Match, ColorNavigator Network, ColorNavigator |
| 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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