



[→ Product Website](#)

The EIZO CG2420 impresses by operating on a simple principle: It shows things as they are. This is done by the EIZO microprocessor, which was specifically developed for precise colour reproduction and calibration. The excellent electronics of the CG2420 make optimum use of the wide gamut LCD's potential. The device covers 99% of the Adobe RGB gamut. The ColorEdge screen displays the finest textures and colour nuances and differentiates them from one another. The screen's integrated calibration sensor is perfectly calibrated to the screen and ensures that it displays the right hues. Scheduling makes it possible to carry out fully automatic calibration overnight or during the weekend. This way, the CG2420 is always 'freshly' calibrated and continually displays the desired colours – just as they are.

- ✓ Wide gamut LCD with LED technology, contrast 1,500:1, brightness 400 cd/m²
- ✓ 99% Adobe RGB and 98% DCI-P3 colour range
- ✓ Integrated measurement device and fully automatic self-calibration
- ✓ Precise hardware calibration of brightness, white balance, and gamma
- ✓ Digital Uniformity Equalizer for perfect luminance distribution and colour purity
- ✓ Colour precision with 16-bit look-up-table and up to 10-bit colour reproduction
- ✓ Temperature-controlled adjustment of colour drift and brightness
- ✓ DisplayPort, DVI-D, and HDMI ports
- ✓ ColorNavigator calibration software and light protection shields included in delivery
- ✓ 5-year warranty for highest investment security

Technical Data

| GENERAL | | FEATURES & OPERATION | |
|---|--|--|--|
| Item no. | CG2420 | Hardware calibration of brightness and luminance characteristics | ✓ |
| Case color | Black | Integrated sensor for self-calibration | ✓ |
| Areas of application | Photography, Video & Graphics | Scheduled self calibration | ✓ |
| Product line | ColorEdge | Preset color/greyscale modes | 1x manual memory location, AdobeRGB, sRGB, additional memory spaces through calibration |
| Areas of application | Photography, image editing and retouching, Video Editing, Post Production and Colour Grading, Design, creation and illustration, Printing and Fine Art Printing | Temperature color drift correction | ✓ |
| Specific system requirements | None, compatible with most computers and operating systems including macOS and Windows | Brightness drift correction | ✓ |
| EAN | 4995047048084 | Digital Uniformity Equalizer (homogeneity correction) | ✓ |
| SCREEN | | No flickering | ✓ |
| Screen size [in inches] | 24,1 | True Black | ✓ |
| Screen size [in cm] | 61,1 | Safe Area Marker | ✓ |
| Format | 16:10 | I/P conversion | ✓ |
| Viewable image size (width x height) [in mm] | 518,4 x 324 | Noise suppression (HDMI) | ✓ |
| Ideal and recommended resolution | 1920 x 1200 | Color Universal Design mode (simulation of color blindness) | ✓ |
| Pixel pitch [in mm] | 0,27 x 0,27 | HDCP Decoder | ✓ |
| Pixel density [in ppi] | 94 | Gamut Clipping | ✓ |
| Supported resolutions | 1920 x 1200, 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) | Automatic signal input recognition | ✓ |
| Panel technology | IPS (Wide Gamut) | On-screen menu languages | de, en, fr, es, it, se |
| Max. viewing angle horizontal | 178 | Adjustment options | Color Mode, Brightness, Contrast, Color temperature /White point, Gamma, Colour tone, Color saturation, 6 Colors, Resolution, Scaling, Color matrix YUV/ RGB, Input Range, Menu Rotation, OSD language, Signal input, DUE priority |
| Max. viewing angle vertical | 178 | Button Guide | ✓ |
| Number of colors or greyscale | 1,07 billion colors (HDMI, 10 Bit), 1,07 billion colors (DisplayPort, 10 Bit), 16,7 million colors (DVI, 8 Bit) | Integrated power unit | ✓ |
| Color palette/look-up table | 278 trillion color tones / 16 Bit | ELECTRICAL DATA | |
| Max. color space (typical) | AdobeRGB (>99%), DCI P3 (>98%), ISO Coated V2 (>99%), Rec709 (100%), EBU (100%), SMPTE-C (100%), sRGB (100%) | Frequency | Display Port: 26-78 kHz/24-61 Hz; HDMI: 15-78 kHz/24-61 Hz; DVI-D: 26-78 kHz/24-61 Hz |
| Max. brightness (typical) [in cd/m ²] | 400 | Power consumption (typical) [in watts] | 20 |
| Recommended brightness [in cd/m ²] | 120 | Maximum Power Consumption [in watts] | 79 (at maximum brightness with all signal inputs and USB ports in use) |
| Max. dark room contrast (typical) | 1500:1 | Max. Power consumption in stand-by mode [in watts] | 0.6 |
| Response time grey-grey alternation (typical) [in ms] | 10 | Power consumption with power switch off [in watts] | 0 |
| Max. refresh rate [in Hz] | 60 | Energy efficiency class | F |
| Backlight | LED | Energy consumption/1000h [in kWh] | 21 |
| CONNECTIONS | | Power supply | AC 100-120 V / 200-240 V, 50/60 Hz |
| Signal inputs | HDMI (Deep Color, HDCP 1.4), DisplayPort (HDCP 1.3), DVI-D (HDCP 1.4) | | |
| USB specification | USB 5Gbps (USB 3) | | |
| USB upstream ports | 1 x type B | | |
| USB downstream ports | 3 x type A | | |
| Graphic signal | DVI Single Link (TMDS), DisplayPort, HDMI (RGB, YUV) | | |

DIMENSIONS & WEIGHT

| | |
|---|---|
| Dimensions (incl. stand) (width x height x depth) [in mm] | 554 x 396-551 x 245 |
| Weight (incl. stand) [in kg] | 7.8 |
| 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, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), TÜV/Color Accuracy (Quick Stability), FograCert Softproofing System (class A), RCM, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RoHS, WEEE, China RoHS, CCC, EAC |
|---------------|--|

SOFTWARE & ACCESSORIES

| | |
|--|---|
| Accompanying software and other accessories are available for download | ColorNavigator Network, ColorNavigator |
| Other box contents | Calibration report, Signal cable HDMI - HDMI, USB cable (Type A - Type B), Signal cable DisplayPort - DisplayPort, Manual via download, Power cord, Quick guide |
| Accessories | PM200-K, CP200, EX4 |
| Light protection cover | ✓ |

WARRANTY

| | |
|-------------------|---|
| Warranty periode | 5 years for unit and LCD module up to 30,000 operating hours, whichever comes first. |
| Warranty type | Swiss Edition Warranty |
| Included warranty | A brightness of at least 120 cd/sqm at a colour temperature of 5000 K to 6500 K is guaranteed for a period of 5 years or 10,000 operating hours, whichever comes first. Zero pixel defects guarantee; no fully illuminated sub-pixels (sub-pixels ISO 9241-307) for six months from date of purchase. |