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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	DisplayPort (HDCP 1.3), HDMI (Deep Color, HDCP 1.4), 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
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SOFTWARE & ACCESSORIES

Accompanying software and other accessories are available for download	ColorNavigator, ColorNavigator Network
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 (DisplayPort cable to transfer digital video and audio signals), CP200 (USB-C to DisplayPort cable), EX4 (Colorimeter for ColorEdge monitor calibration)
Light protection cover	✓

WARRANTY

Warranty periode	5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.
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.

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