



[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/m

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	
Max. viewing angle vertical	178	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	
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)	Button Guide	
Color palette/look-up table	278 trillion color tones / 16 Bit	Integrated power unit	
Max. color space (typical)	AdobeRGB (>99%), DCI P3 (>98%), ISO Coated V2 (>99%), Rec709 (100%), EBU (100%), SMPTE-C (100%), sRGB (100%)	ELECTRICAL DATA	
Max. brightness (typical) [in cd/m]	400	Frequency	Display Port: 26-78 kHz/24-61 Hz; HDMI: 15-78 kHz/24-61 Hz; DVI-D: 26-78 kHz/24-61 Hz
Recommended brightness [in cd/m]	120	Power consumption (typical) [in watts]	20
Max. dark room contrast (typical)	1500:1	Maximum Power Consumption [in watts]	79 (at maximum brightness with all signal inputs and USB ports in use)
Response time grey-grey alternation (typical) [in ms]	10	Max. Power consumption in stand-by mode [in watts]	0.6
Max. refresh rate [in Hz]	60	Power consumption with power switch off [in watts]	0
Backlight	LED	Energy efficiency class	F
CONNECTIONS		Energy consumption/1000h [in kWh]	21
Signal inputs	HDMI (Deep Color, HDCP 1.4), DisplayPort (HDCP 1.3), DVI-D (HDCP 1.4)	Power supply	AC 100-120 V / 200-240 V, 50/60 Hz
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, cTUVus, 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, CP200, EX4
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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