Technical Data



GENERAL DATA

Frequency	
Case color	
Power consumption (typical) (in watts)	
Areas of application	
Maximum Power Consumption (in watts)	
Areas of application	
Max. Power consumption in stand-by mode (in watts)	
Power consumption with power switch off (in watts)	
Special system requirements	
Energy efficiency class	
EAN	4995047067818
Energy consumption 1000h (in kWh)	38
Power supply	AC 100-240V, 50/60 Hz
Max. USB PD power delivery (in Watt)	39,1

SCREEN

Screen size (in cm)	61,1

DIMENSIONS & WEIGHT

Weight	10 kg
Dimensions (incl. stand) (width x height x depth) (in mm)	544,4 x 408,1 - 563,1 x 245
Dimensions (without stand) (width x height) (in mm)	518,4 x 324
Weight (without stand and cables)	6,8 kg
Rack and recommended enclosure	12U x 12U
Dimensions (without stand) (width x height x depth) (in mm)	544,4 x 374,1 x 70,2
Pixel pitch (in mm)	0,27 x 0,27

CERTIFICATION & STANDARDS

Color calibration	22 other environmental, EURgonomics (including ISO 9241-307), RCM, cTUVus, FCC-B, CAN ICES-3 (B),
Max. color space (typical)	Adobe RGB (100%), sRGB (100%), DCI-P3 (99%), BT.2020 (75%)

SOFTWARE & ACCESSORIES

Color management software	ColorNavigator, ColorNavigator NetworkEdition
Recommended brightness (in cd/m²)	120
Color uniformity correction	✓
Signal cable	Signal cable HDMI - HDMI, USB signal cable (USB-C - USB-C) USB cable (type A - type B), Power cord, Calibration report, Manual via download, Quick guide
Response time grey-grey alternation (typical) (in ms)	11
Backlight	16-bit display, 16-bit 3D Look-Up Table
Calibration	Integrated calibration sensor for ColorEdge monitors in conjunction with the ColorNavigator 7 color management software | PM200-K (DisplayPort cable to USB-C to DisplayPort cable), CC100 (USB-C port cable), PP200-H (DisplayPort cable), PP300-H (DisplayPort cable)

CONNECTIONS

Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 2.3), DisplayPort (HDCP 2.3), HDMI (Deep Color, HDCP 2.3)
Light protection cover	✓
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)
Graphic signal	USB-C, DisplayPort, HDMI (RGB, YUV)

ENGINEERED FOR PERFECTION

Guaranteed LCD module	✓
Guaranteed brightness	✓
Guaranteed color temperature	✓
Guaranteed pixel defects	✓
Guaranteed uniformity	✓
Factory calibration	✓
Color mode presets / modes	1x manual memory location, BT.2020, BT.709, HLG, BT.2100, AdobeRGB, DCI-P3, P3 D65 DCI-P3, sRGB, additional memory spaces through calibration, Sync Signal
Temperature color drift correction	✓
Brightness drift correction	✓
Digital Uniformity Equalizer (homogeneity correction)	✓
No flickering	✓
True Black	✓
3D LUT film emulation (10 bit log)	✓
Safe Area Marker	✓
I/P conversion	✓
Signal range amplifier (HDMI)	✓
HDCP Decoder	✓
Gamut warning	✓
Gamma presets	for the presets for HLG and the PQ gamma curves, even the smallest model in the ColorEdge CG series can be ideally integrated into HDR production workflows. The integrated calibration sensor enables effortless, automatic calibration. Thanks to the universal connectivity via USB-C, a single cable is used to transmit the image signal and power. The monitor's USB hub. It can also be used to supply a mobile device with up to 70 watts of charging current. In combination with the integrated USB hub, the CG2400S becomes the central dock for creative workflows in a single operation. Of course, an HDMI and DisplayPort connection are also on board. The supplied light protection screen rounds off the comprehensive features.
Automatic signal input recognition	✓
On-screen menu languages	de, en, fr, es, it, ja
Adjustment options	Color Mode, Brightness, Contrast, Color temperature, 6 Colors, Resolution, Scaling, Color matrix YUV/RGB, Input Range, black level, BT.709 color space warning, Markers (safe area marker, safe area size, format marker, format adjustment, bezel color), Menu Rotation, Skip signal input, Skip color mode, Custom key, Monitor reset, OSD language, Signal Input, Key lock, Power LED
Button guide	✓
Control via PC	✓

→ Product Website → Video Playlist

24" graphics monitor

With its wide color gamut, enormous 1800:1 contrast ratio, state-of-the-art USB-C connectivity and pre-installed HDR presets, the CG2400S is the ideal tool for professional creatives. The CG2400S with Wide Gamut IPS panel, 10-bit color depth and 16-bit 3D Look-Up Table (LUT) offers perfect precision, smooth color transitions and nuances. The Adobe RGB color space is covered by 99% and the DCI-P3 color space by 98%. Thanks to the presets for HLG and the PQ gamma curves, even the smallest model in the ColorEdge CG series can be ideally integrated into HDR production workflows. The integrated calibration sensor enables effortless, automatic calibration. Thanks to the universal connectivity via USB-C, a single cable is used to transmit the image signal and power. The monitor's USB hub. It can also be used to supply a mobile device with up to 70 watts of charging current. In combination with the integrated USB hub, the CG2400S becomes the central dock for creative workflows in a single operation. Of course, an HDMI and DisplayPort connection are also on board. The supplied light protection screen rounds off the comprehensive features.

- 24-inch Wide Gamut LCD with 1920 x 1200 pixels, 16:10 format
- Wide color gamut with 99% Adobe RGB and 98% DCI-P3 color space coverage
- 400 cd/m² maximum brightness, 1000:1 contrast
- 16-bit display, 16-bit 3D Look-Up Table
- Integrated calibration sensor for fully automated calibration
- Digital Uniformity Equalizer for perfect luminance distribution and color purity
- USB-C (DisplayPort signal and up to 70 watts Power Delivery), DisplayPort and HDMI input
- USB hub with four USB downstream ports, two of which are 5Gbps (USB 3) and two USB 2
- Light protection cover included in the scope of delivery
- 5-year warranty for highest investment security

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