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The ColorEdge CS2731 unites precision, colour fidelity and cutting-edge connectivity. Convenient functionalities such as monitor signal transmission, rapid data transfer and the power supply feature for connected notebooks or tablets are enabled with just one USB-C cable. This makes the monitor the central dock for any graphic workflow. As an integral component of the digital creation process, the CS2731 supports creatives like photographers, filmmakers and designers. The wide gamut (99% Adobe RGB), 16-bit look-up-table and precise factory calibration of the hardware-compatible graphics monitor allows you to get an unadulterated look at your image files. The Digital Uniformity Equalizer ensures a uniform image display via the entire display surface and makes the CS2731 the ideal monitor for sophisticated creatives with high standards.

- ✓ 27-inch wide gamut LCD with 2560 x 1440 pixels (WQHD) to deliver ultra-sharp details
- ✓ EIZO microchip ensures precise, consistent and lasting colour display
- ✓ Wide gamut covering 99% of the Adobe RGB colour gamut
- ✓ Precise hardware calibration of brightness, white balance and gamma
- ✓ Digital Uniformity Equalizer for top-rate luminance distribution and colour purity
- ✓ Colour precision ensured via 16-bit look-up-table and up to 10-bit colour reproduction
- ✓ USB-C (DisplayPort signal channel and power supply up to 60 W), DisplayPort, DVI-D and HDMI ports
- ✓ USB hub with two 5Gbps (USB 3) and two USB 2 downstream ports
- ✓ ColorNavigator calibration software available for free download
- ✓ Recommended optional accessories: measuring device for hardware calibration and monitor hood
- ✓ 5-year warranty for highest investment security

Technical Data

GENERAL		FEATURES & OPERATION	
Item no.	CS2731	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	AdobeRGB, sRGB, additional memory spaces through calibration
Areas of application	Photography, image editing and retouching, Design, creation and illustration, Textile and fashion industry	Digital Uniformity Equalizer (homogeneity correction)	✓
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows	No flickering	✓
EAN	4995047054580	I/P conversion	✓
SCREEN		Noise suppression (HDMI)	✓
Screen size [in inches]	27	HDCP Decoder	✓
Screen size [in cm]	68,5	Gamut Clipping	✓
Format	16:9	Automatic signal input recognition	✓
Viewable image size (width x height) [in mm]	596,7 x 335,7	On-screen menu languages	de, en, fr, es, it, se
Ideal and recommended resolution	2560 x 1440	Adjustment options	Color Mode, Brightness, Contrast, Color temperature /White point, Gamma, Colour tone, Color saturation, 6 Colors, Color matrix YUV/ RGB, Input Range, Menu Rotation, OSD language, Signal input, DUE priority
Pixel pitch [in mm]	0,233 x 0,233	Button Guide	✓
Pixel density [in ppi]	109	Integrated power unit	✓
Supported resolutions	2560 x 1440, 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)	ELECTRICAL DATA	
Panel technology	IPS (Wide Gamut)	Frequency	USB-C/DisplayPort: 26-89 kHz/23-61 Hz; HDMI: 15-89 kHz/23-61 Hz; DVI-D: 26-89 kHz/23-61 Hz
Max. viewing angle horizontal	178	Power consumption (typical) [in watts]	34
Max. viewing angle vertical	178	Maximum Power Consumption [in watts]	159 (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 (DVI, 8 Bit)	Max. Power consumption in stand-by mode [in watts]	1
Color palette/look-up table	278 trillion color tones / 16 Bit	Power consumption with power switch off [in watts]	0
Max. color space (typical)	DCI P3 (>95%), AdobeRGB (>99%), sRGB (100%)	Energy efficiency class	G
Max. brightness (typical) [in cd/m ²]	350	Energy consumption/1000h [in kWh]	36
Max. dark room contrast (typical)	1000:1	Power supply	AC 100-240V, 50/60Hz
Response time grey-grey alternation (typical) [in ms]	10	Max. USB-C Power Delivery [in Watt]	60
Max. refresh rate [in Hz]	60	DIMENSIONS & WEIGHT	
Backlight	LED	Dimensions (incl. stand) (width x height x depth) [in mm]	638 x 404,1-559,1 x 265
CONNECTIONS		Weight (incl. stand) [in kg]	10.1
Signal inputs	HDMI (Deep Color, HDCP 1.4), USB-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), DVI-D (HDCP 1.4)	Weight (without stand) [in kg]	6.5
USB specification	USB 5Gbps (USB 3)	Dimension drawing (PDF)	Dimension drawing (PDF)
USB upstream ports	1 x type C (DisplayPort Alt Mode, 60 W max.), 1 x type B	Rotatability of the stand [in °]	344
USB downstream ports	4 x Typ A (2 x 5Gbps (USB 3), 2 x USB 2)	Tiltability forwards/backwards [in °]	5 / 35
Graphic signal	USB-C, DVI Single Link (TMDS), DisplayPort, HDMI (RGB, YUV)	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), 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	Signal cable HDMI - HDMI, USB/signal cable (USB-C - USB-C), Manual via download, Power cord, Quick guide
Accessories	PM200-K, PP200-K, EX4, CH2700

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.

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