→ **Product Website**

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

Item no.	CS2731
Case color	Black
Areas of application	Photography, Video & Graphics
Product line	ColorEdge
Areas of application	Photography, image editing and retouching, Design, creation and illustration, Textile and fashion industry
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047054580

SCREEN

Screen size [in inches]	27
Screen size [in cm]	68,5
Format	16:9
Viewable image size (width x height) [in mm]	596,7 x 335,7
Ideal and recommended resolution	2560 x 1440
Pixel pitch [in mm]	0,233 x 0,233
Pixel density [in ppi]	109
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)
Panel technology	IPS (Wide Gamut)
Max. viewing angle horizontal	178
Max. viewing angle vertical	178
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)
Color palette/look-up table	278 trillion color tones / 16 Bit
Max. color space (typical)	DCI P3 (>95%), AdobeRGB (>99%), sRGB (100%)
Max. brightness (typical) [in cd/m²]	350
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	10
Max. refresh rate [in Hz]	60
Backlight	LED

CONNECTIONS

Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 1.3), 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 C (DisplayPort Alt Mode, 60 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, DVI Single Link (TMDS), DisplayPort, HDMI (RGB, YUV)

FEATURES & OPERATION

USB-C docking	✔
KVM switch	✔
Hardware calibration of brightness and luminance characteristics	✔
Preset color/greyscale modes	AdobeRGB, sRGB, additional memory spaces through calibration
Digital Uniformity Equalizer (homogeneity correction)	✔
No flickering	✔
I/P conversion	✔
Noise suppression (HDMI)	✔
HDCP Decoder	✔
Gamut Clipping	✔
Automatic signal input recognition	✔
On-screen menu languages	de, en, fr, es, it, se
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
Button Guide	✔
Integrated power unit	✔

ELECTRICAL DATA

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
Power consumption (typical) [in watts]	34
Maximum Power Consumption [in watts]	159 (at maximum brightness and operation of all signal and USB ports as well as full charging power)
Max. Power consumption in stand-by mode [in watts]	1
Power consumption with power switch off [in watts]	0
Energy efficiency class	G
Energy consumption/1000h [in kWh]	36
Power supply	AC 100-240V, 50/60Hz
Max. USB-C Power Delivery [in Watt]	60

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	638 x 404,1-559,1 x 265
Weight (incl. stand) [in kg]	10.1
Weight (without stand) [in kg]	6.5
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), 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, 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 (DisplayPort cable to transfer digital video and audio signals), PP200-K (DisplayPort cable), EX4 (Colorimeter for ColorEdge monitor calibration), CH2700 (Monitor hood for EIZO ColorEdge monitors)

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.