



[→ 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

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|---|---|
| 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/m ²] | 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

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|----------------------|---|
| 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

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| 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

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|---|---|
| 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

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|----------------------|---|
| 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

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|---|--|
| 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

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|--------------------------|---|
| 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. |

Find your EIZO contact:
EIZO Europe GmbH
Belgrader Straße 2
41069 Mönchengladbach
Phone: +49 2161 8210-0
www.eizo.eu

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