



## ColorEdge CG319X

HDR video editing and colour-accurate photo display in 4K resolution for creating a truly immersive experience. A professional 4096 x 2160 monitor equipped with HLG and the PQ gamma curve for editing HDR video content, as well as a wide colour gamut for displaying vibrant images.

**Size:** 31.1" (79 cm)

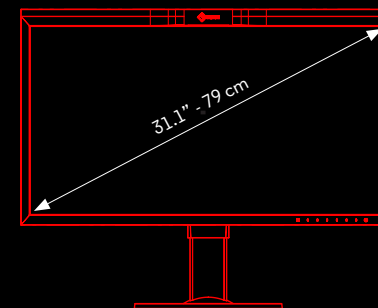
**Resolution:** 4096 x 2160 (17:9 aspect ratio)

**Pixel Density:** 149 ppi

**Colour:** DisplayPort, HDMI: 1.07 billion (from 24-bit palette)

**Calibration:** Built-in Sensor

**Warranty:** Five Year On-site

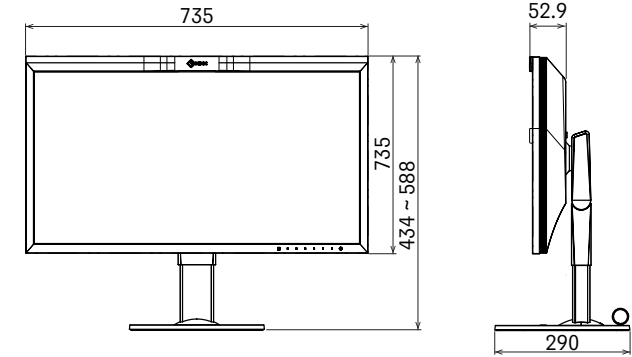


5 | Year Warranty  
★★★★★  
2 | Year Warranty  
★★★☆☆



# ColorEdge CG319X

Dimensions (Unit: mm)



## Panel

**Type:** IPS  
**Backlight:** Wide-Gamut LED  
**Size:** 31.1" / 79 cm  
**Native Resolution:**  
 4096 x 2160 (17:9 aspect ratio)  
**Viewable Image Size (H x V):** 698.0 x 368.1mm  
**Pixel Pitch:** 0.170 x 0.170 mm  
**Pixel Density:** 149ppi  
**Greyscale Tones:** DisplayPort, HDMI: 1,024 tones (a palette of 65 thousand tones)  
**Display Colours:** DisplayPort, HDMI: 1.07 billion from 24-bit palette  
**Viewing Angles (H / V, Typical):** 178°, 178°  
**Brightness (Typical):** 350 cd/m<sup>2</sup>  
**Recommended Brightness for Calibration:**  
 120 cd/m<sup>2</sup> or less  
**Contrast Ratio (Typical):** 1500:1  
**HDR Gamma:** HLG, PQ curve  
**Response Time (Typical):**  
 9 ms (Grey-to-grey)  
**Wide Gamut Coverage (Typical):**  
 Adobe RGB: 99%, DCI-P3: 98%

## Video Signals

**Input Terminals:** DisplayPort x 2 (with HDCP Ver.1.x), HDMI x 2 (HDCP, Deep Colour)  
**Digital Scanning Frequency (H / V):**  
 DisplayPort: 25.0 - 137 kHz, 23 - 61 Hz  
 HDMI: 15 - 136 kHz, 23 - 61 Hz

## USB

**Function:** 1 port for monitor control  
 3-port USB hub  
**Standard:** USB 3.0

## Power

**Power Requirements:**  
 AC 100 - 240 V, 50 / 60 Hz  
**Maximum Power Consumption:** 140 W  
**Typical Power Consumption:** 52 W  
**Power Save Mode:** 1.2 W or less  
**Standby Mode:** 1.2 W or less  
**Power Management:**  
 Power Save (DisplayPort: Rev. 1.2a)

## Features & Functions

**Brightness Stabilisation:** Yes  
**Digital Uniformity Equaliser:** Yes  
**Preset Modes:** Colour Mode (REC2020, REC709, DCI, PQ\_DCI, PQ\_REC2100, HLG\_REC2100, Adobe RGB, sRGB, Calibration)  
**Built-In Calibration Sensor:** Yes

## Physical Specification

**Dimensions (Landscape, W x H x D):**  
 735 x 434 - 588 x 290 mm  
**Dimensions (Without Stand, W x H x D):**  
 735 x 423 x 71.5 mm  
**Dimensions (Landscape w/ Hood, W x H x D):**  
 754.4 x 443.6 - 597.6 x 381.5 mm  
**Net Weight:** 12.4 kg / 27.3 lbs  
**Net Weight (Without Stand):** 8.3 kg / 18.3 lbs  
**Net Weight (With Hood):** 13.3 kg / 29.3 lbs  
**Height Adjustment Range:** 154 mm  
**Tilt:** 35° Up, 5° Down  
**Swivel:** 344°  
**Hole Spacing (VESA Standard):**  
 100 x 100 mm

## Environmental Requirements

**Temperature:** Landscape: 0 - 35 °C  
**Humidity (R.H., non condensing):** 20 - 80 %

## Certifications & Standards

CB, CE, TUV/GS, cTUVus, FCC-B, CAN ICES-3 (B), VCCI-B, TUV/Ergonomie, TUV/Color Accuracy (Quick Stability), RCM, EAC, RoHS, WEEE, CUDO certified mark, China RoHS, CCC

## Warranty

Five years on-site <sup>1,2,3</sup>

<sup>1</sup> Usage time is limited to 30,000 hours.

<sup>2</sup> Brightness of the CG Series is warranted for up to 10,000 hours if it is used within the recommended brightness of 120 cd/m<sup>2</sup> or higher and colour temperature between 5000 - 6500 K.

<sup>3</sup> Free from bright sub-pixels for 6 months from the date of purchase. With current LCD technology, a panel may contain a limited number of missing or flickering pixels.

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