

# Eizo CG210 - 21,3 TFT



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Especially for the graphics pros who require an exact colour rendering EIZO has developed the CG210. He is equipped with the software EIZO ColorNavigator which allows a quick and exact Hardwarekalibration of brightness, white point as well as gamma and thereby, in the end, an optimum Colour regift under wendung of a 10Bit-Look-Up-Table (LUT). So that sound value gradations are soft, fluent and exact, become in manufacturing with every single CG210 for every RGB colour the gradations of from 0 to 255 eingemessen – an essential basis for later settings specific for user.

Contrast 400:1, brightness 250 CDs / square metres  
Kalibration of brightness, white point and gamma  
Including ColorNavigator software  
10Bit-Look-Up-Table and 14-bit-arithmetic exactness  
SlimEdge design with extremely narrow case edge  
Two DVI I entrances for digital connection and analogous connection  
Case colour: black

### Technical data:

Model: Eizo CG210  
Size of the picture tube: 21.3" TFT LCD  
Maximum resolution: 1,600 x 1,200  
Consideration corner horiz. / vertically: 170 ° / 170 °  
Contrast extent: 550:1  
Luminous strength: 250 CDs / m<sup>2</sup>  
Colour representation: 16.7 million.  
Point distance: 0,270 mm x 0,270 mm  
Response time: 16/14 ms  
Digital-/Analogously: DVI-I 29 pol, doubly  
Mass (B x H x T): 472 mm x (459 mm to 541) x 209 mm  
Test signs: CE, safety standards authority GS, safety standards authority Ergonomics checked, ISO 13406-2, TCO03 (with grey case)  
Manufacturer's guarantee / exchange service: 5 years of exchange service on site

### Features

#### SlimEdge, smart and space-saving design

A modern LCD module with extremely narrow edge permits an extremely compact case. The edge all around the picture misses only few millimetres. The screen thereby never loses his symmetry, neither with Crosswise nor at portrait format announcement.

#### Exact colourkalibration

The brightness desired by the user between 60 and 200 CDs / square metres, the colour temperature between 4,000 and 10,000 K and the gamma value between 1 and 2.6 are given with the ColorNavigator software EIZO. Then the measurement and law days with a spectral photometer or Colorimeter occurs automatically and after about 5 minutes the LCD screen shows a colour-obliging picture.

#### Exact colour control

The colour rendering is steered about an internal 10Bit-Look-Up-Table (LUT). This allows a more exact gradation of colour information than with usually usual 8-bit LUTs. That is the colour control occurs with 1.024<sup>3</sup> (30 bits) instead of with 256<sup>3</sup> (24 bits) of gradations what is necessary for the exact Kalibration.

#### 14-bit-arithmetic exactness

The internal calculations occur with 14 bits. Hence, sound values of the picture signal are calculated with a precision by 1/16 thousandth (14 bits) - instead of the usual 1/1 thousandth (10 bits). From it an incredibly differentiated representation results in the depths. Drawing, e.g., in the shadow areas of a picture remains clearly

distinguishable and is summarised not to a black tone.

#### Manual Colour and sound value control

To be able to compensate for colours of printing papers or tone divergences of the lighting, ColorNavigator™ allows of course also manual Colour and sound value control. Saturation and intensity of all six basic colours (RGBCMY) can be steered apart, exactly like white balance, black value and gamma.

#### Prominent image quality

With a resolution of 1600 x to 1200 picture points, a contrast relation of 550:1 and a brightness of 250 CDs / square metres a high-class image quality with clear graphics and structures as well as sharp text contours arises. Whether you sit concentric or at the side before the screen at which picture area you also look - a steadily high contrast of colours and grey steps will receive till the corners at high level.

#### ActiveRotation

Without additional software and performance loss screen resolutions are processed in portrait format and horizontal format. The screen disposes of an integrated gravitational sensor which automatically perceives, when the screen from Crosswise on portrait format is turned and vice versa.

Digital entrances and analogous entrances Two DVI I entrances permit the concurrent connection of two computers. Doubly digitally, doubly analogously and mixed, the recognition automatically occurs.



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GmbH & Co. KG  
Klönnestraße 94  
D-44143 Dortmund****BRAKENSIEK®**  
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 **+49(0)231.985-00 10**

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 **+49(0)231.985-2000**