

SCD 21310

3 MPixel 21" Color Display



- Fully automated luminance stability through the Integrated Stability System (ISS)
- CIE/DICOM compliant gray scale response built into the display
- Adjustable color point for optimized display matching
- Fully supported by the SMfit® Total Care family of quality assurance tools
- Large range of commercially available graphic controllers supported for optimized fit to application needs
- 5 user defined 11 bit look up tables adaptable to diverse reading and viewing environments
- Field calibration and selectable correction for luminance uniformity as dictated by national standards
- Gamma response calibrated during manufacturing to provide consistent image quality from one display to the next
- Built-in connector for photometer
- Optional glass pane with double-sided, anti-reflective coating
- Internal silent power supply

display SOLUTIONS

Eizo SCD Series of color displays meets the demanding requirements of Medical Imaging with the advantages of digital flat panel technology for reliable diagnosis.

The SCD 21310 is designed specifically for radiologists and specialists whose workflow demands the most discriminating combination of color and gray scale image quality.

This versatile display is ideal for reviewing large and small matrix PACS images, high resolution 3D applications and hybrid cross-sectional imaging where color adds critical diagnostic information.



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Technical specifications	
Display performance	
Resolution	1536 x 2048
Display area (W x H) in mm	318 x 424
Panel technology	Color, TFT, IPS, dual domain
Viewing angle	170° H and V
Contrast ratio	400:1
Luminance	400 cd/m ² (117 fL)
Calibrated luminance	DICOM, 175 cd/m ² (51 fL) DICOM, 200 cd/m ² (58 fL) DICOM, 220 cd/m ² (64 fL) DICOM, 250 cd/m ² (73 fL)
LUT	11 bit
Number of gray shades	2041
Antireflection coating	Anti-glare
Protective glass pane	Double-sided, anti-reflective coating
Signal inputs	
Connectivity	DVI-D, dual link
Supported signals	DVI-D, dual link
Supported formats	VGA for bootup, QXGA
Data interface	
Connectivity	6-Pin Mini DIN, DVI, USB
Supported signals	DDC, RS-232 (photometer)
Supported software	
SMfit® Total Care	Auto adjustment, stability, calibration and control tool (included in scope of delivery)
SMfit® Site Manager	Administrator tool
Backlight	
Technology	CCFL
ISS (Integrated Stability System)	Yes
Life time	50 000 h
Climatic conditions	
Operating temperature	0 ... +40 °C (32... +104 °F)
Within specifications	0 ... +35 °C (32 ... +95 °F)
Storage temperature	-20 ... +60 °C (-4 ... +140 °F)
Operating humidity	20% ... 80%, relative
Storage humidity	5% ... 95%, relative
Barometric pressure	1050 hPa ... 600 hPa

Technical specifications	
Power requirements	
Input voltage	100 ... 240 V AC, ± 10%
Power frequency	50 ... 60 Hz, ± 5%
Power consumption	< 85 W
Power save (digital)	DVI-DMPM
Mechanical specifications	
Mechanical adaptation	VESA 100 mm x 100 mm
Degree of protection	IP20
Dimensions with stand (W x H x D) in mm	366 x 517 x 240
Weight with stand	10.9 kg
Weight with protective glass	12.2 kg
Design	
Mounting options	Ceiling suspension or desktop
Orientation	Landscape or portrait
Approvals	
Safety	EN60601-1 CSA C22.2 No.601.1 UL60601-1
EMC	EN60601-1-2 limit B FCC Class A MPR II

Ordering data	
Model number	
With multifunctional stand: SCD 21310 D	6GF6200-4CA23
With protective glass and multifunctional stand: SCD 21310 DP	6GF6200-4CA25
Accessories	
Fixed stand	6GF6280-1DF
Multifunctional stand	6GF6988-8AA02
DVI transmission line (36 m)	6GF6010-0DA36

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The information provided in this brochure contains descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products.