

# SCD 19100

1 MPixel 19" 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
- 5 user defined 10 bit look up tables adaptable to diverse reading and viewing environments
- Gamma response calibrated during manufacturing to provide consistent image quality from one display to the next
- Code protected key pad to ensure proper alignment
- Built-in connector for spotmeter
- 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 19100 produces color and gray scale images for the accurate, high-speed presentation of motion studies and dynamic images in Cardiac Imaging, Ultrasound and Nuclear Medicine.



# SCD 19100

## 1 MPixel 19" Color Display

Technical specifications	
<b>Display performance</b>	
Resolution	1280 x 1024
Display area (W x H) in mm	376 x 301
Panel technology	Color, TFT, IPS, dual domain
Viewing angle	170° H and V
Contrast ratio	450:1
Luminance	280 cd/m <sup>2</sup> (82 fL)
Calibrated luminance	DICOM, 125 cd/m <sup>2</sup> (36 fL) DICOM, 160 cd/m <sup>2</sup> (47 fL) CIE, 125 cd/m <sup>2</sup> (36 fL)
LUT	10 bit
Number of gray shades	1024
Antireflection coating	Anti-glare
<b>Signal inputs</b>	
Connectivity	DVI-I 15pin-SubD
Supported signals	DVI, single link RGB (DVI-I, 15pin-SubD)
Supported formats	VGA, SVGA, XGA, SXGA non-interlaced, interlaced
<b>Analog properties</b>	
Line frequency	30 ... 100 kHz
Frame rate	50 ... 100 Hz
Impedance	75 Ω, 10 kΩ
<b>Data interface</b>	
Connectivity	RJ11, 6pin-MiniDIN, DVI
Supported signals	RS 232-Bus, DDC
<b>Supported software</b>	
SMfit® Total Care	Auto adjustment, stability, calibration and control tool (included in scope of delivery)
SMfit® Site Manager	Administrator tool
<b>Backlight</b>	
Technology	CCFL
ISS (Integrated Stability System)	Yes
Life time	50 000 h
<b>Climatic conditions</b>	
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	
<b>Power requirements</b>	
Input voltage	100 ... 240 V AC, ± 10%
Power frequency	50 ... 60 Hz, ± 5%
Power consumption	< 60 W
Power save (analog)	DPMS
Power save (digital)	DVI-DMPM
<b>Mechanical specifications</b>	
Mechanical adaptation	VESA 100 mm x 100 mm
Degree of protection	IP20
Dimensions without stand (W x H x D) in mm	420 x 345 x 92
Weight without stand	6.6 kg
Weight with protective glass	7.2 kg
<b>Design</b>	
Mounting options	Ceiling suspension or desktop
Orientation	Landscape or portrait
<b>Panel controls</b>	
Controls	Key pad and OSD
Indicators	Power on/off
<b>Approvals</b>	
Safety	EN60601-1 CSA C22.2 No.601.1 UL60601-1
EMC	EN60601-1-2 limit B FCC Class A MPR II

Ordering data	
<b>Model number</b>	
Without stand: SCD 19100 C	6GF6210-2CA10
With protective glass, without stand: SCD 19100 CP	6GF6210-2CA20
<b>Accessories</b>	
Cable kit for full SMfit functionality	6GF6980-1TA08
Fixed stand	6GF6280-1DG
Multifunctional stand	6GF6988-8AA01 (without protective glass)
Multifunctional stand	6GF6988-8AA02 (with protective glass)
DVI transmission line (36 m)	6GF6010-0DA36

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