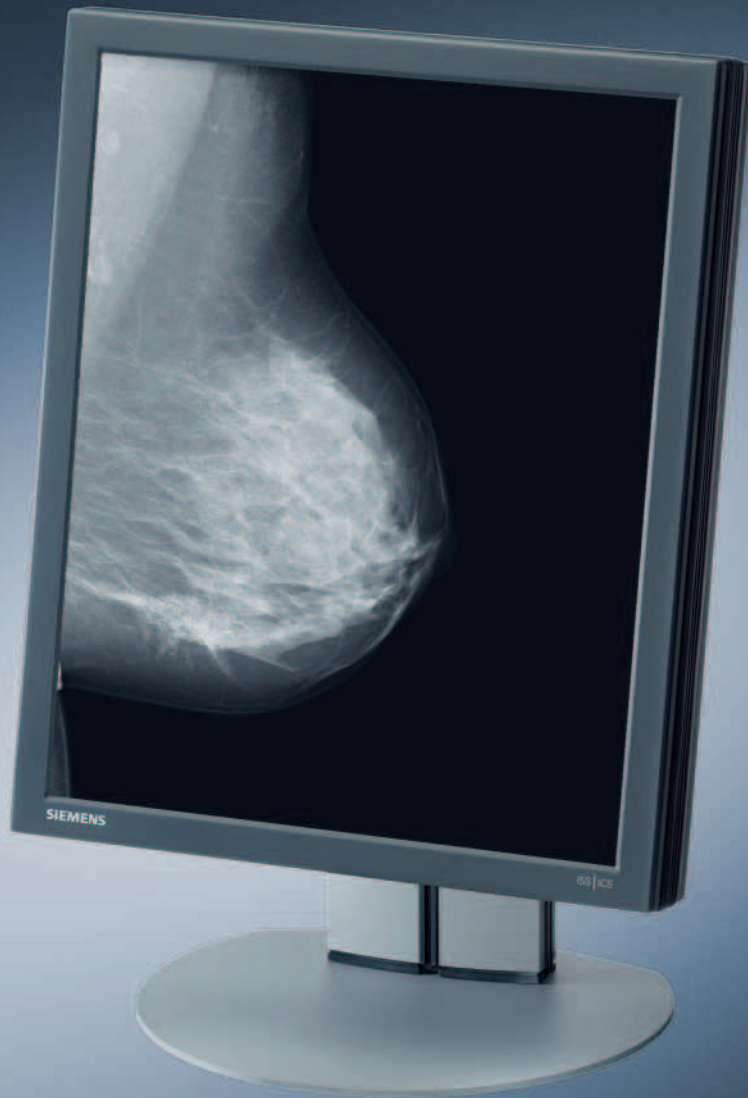


# SMD 21510

## 5 MPixel Gray Scale Flat Panel Display



- Fully automated luminance stability through the Integrated Stability System (ISS)
- Integrated Consistency System (ICS) for automated independent verification of gray levels
- CIE/DICOM compliant gray scale response built into the display
- Sharper images with blue tinted backlight
- 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
- Selectable 8 and 10 bit DVI input
- 5 user defined 12 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
- Internal silent power supply

# display SOLUTIONS

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

Continuing our tradition of excellence and leadership in display design for full field digital mammography, the SMD 21510 is ideally suited for diagnostic review of breast imaging.

This display offers the latest generation in display controller electronics and open standards communication to achieve unparalleled performance.



# SMD 21510

## 5 MPixel Gray Scale Flat Panel Display

Technical specifications	
<b>Display performance</b>	
Resolution	2048 x 2560
Display area (W x H) in mm	338 x 422
Panel technology	Gray scale, TFT, IPS, dual domain
Viewing angle	170° H and V
Contrast ratio	800:1
Luminance	750 cd/m <sup>2</sup> (220 fL)
Calibrated luminance	DICOM, 300 cd/m <sup>2</sup> (88 fL) DICOM, 400 cd/m <sup>2</sup> (117 fL) DICOM, 500 cd/m <sup>2</sup> (146 fL) DICOM, 600 cd/m <sup>2</sup> (175 fL) DICOM compliant, stabilized
LUT	12 bit
Uniformity Correction Options	DIN, EUREF
Number of gray shades	3061
Antireflection coating	Anti-glare
Protective glass (optional)	Anti-reflective
<b>Signal inputs</b>	
Connectivity	DVI-I
Supported signals	DVI-D (8 and 10 bit), single link
Supported formats	VGA for bootup, QSXGA
<b>Data interface</b>	
Connectivity	DVI, USB (B), 6pin-MiniDIN
Supported signals	DDC, USB, RS-232 (photometer)
<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
Color	Blue tinted
ISS (Integrated Stability System)	Yes
ICS (Integrated Consistency System)	Yes
Life time	50000 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	1040 hPa ... 700 hPa

Technical specifications	
<b>Power requirements</b>	
Input voltage	100 ... 240 V AC, ± 10 %
Power frequency	50 ... 60 Hz, ± 5 %
Power consumption	< 85 W
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	390 x 475 x 114
Weight without stand	7.7 kg
Dimensions with stand (W x H x D) in mm	390 x 506 ... 605 x 278
Weight with stand	12.7 kg
<b>Design</b>	
Mounting options	Ceiling suspension or desktop
Orientation	Landscape or portrait
<b>Approvals</b>	
Safety	EN60601-1 CSA C22.2 No.601.1 UL60601-1
EMC	EN60601-1-2 limit B FCC Class A

Ordering data	
<b>Model number</b>	
With multifunctional stand: SMD 21510 D	6GF6201-5CA23
With protective glass and multifunctional stand: SMD 21510 DP	6GF6201-5CA25
<b>Accessories</b>	
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.