

# SHD 21205

## 2 MPixel 21" High Bright Color Display



- Totally 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 SMfit ACT® 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 constant 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

Siemens SHD Series of high bright color displays meets the demanding requirements of Medical Imaging with the advantages of digital flat panel technology for reliable diagnosis

The SHD 21205 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 PACS, 3D applications and hybrid cross-sectional imaging where color adds critical diagnostic information.

**SIEMENS**

# SHD 21205

## 2 MPixel 21" High Bright Color Display

Technical specifications	
<b>Display performance</b>	
Resolution	1600 x 1200
Display area (W x H) in mm	432 x 324
Panel technology	Color, TFT, IPS, dual domain
Viewing angle	170° H and V
Contrast ratio	450:1
Luminance	450 cd/m <sup>2</sup> (132 fL)
Calibrated luminance	DICOM, 175 cd/m <sup>2</sup> (51 fL) DICOM, 220 cd/m <sup>2</sup> (64 fL) DICOM, 250 cd/m <sup>2</sup> (73 fL) DICOM, 300 cd/m <sup>2</sup> (88 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-D, single link, DVI-I, RGB
Supported formats	VGA, SVGA, XGA, SXGA UXGA, non-interlaced, interlaced
<b>Analog properties</b>	
Line frequency	30 ... 100 kHz
Frame rate	50 ... 100 Hz
Impedance	75 Ω
<b>Data interface</b>	
Connectivity	RJ11, 6pin-MiniDIN, DVI
Supported signals	RS 232-Bus, DDC
<b>Supported software</b>	
SMfit ACT® Basics	Auto adjustment, stability and control tool (included in scope of delivery)
SMfit ACT® Calibration	Calibration software
SMfit ACT® Remote	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	< 80 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	480 x 375 x 110
Weight w/o stand	9.6 kg
Dimensions with stand (W x H x D) in mm	480 x 570 x 280
Weight with stand	16.5 kg
Weight with protective glass and stand	17 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, diagnosis LEDs
<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
<b>Compatible stands</b>	
Fixed	6GF6280-1DF
Multifunction	6GF6988-8AA02
<b>Accessories</b>	
Cable kit for full SMfit ACT® functionality	6GF6980-1TA08
<b>Ordering data</b>	
Without stand: SHD 21205 C	6GF6200-2HA10
With protective glass, without stand: SHD 21205 CP	6GF6200-2HA20
With multifunctional stand: SHD 21205 D	6GF6200-2HA01
With protective glass, with multifunctional stand: SHD 21205 DP	6GF6200-2HA02

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