

SHD 21205

2 MPixel 21" High Bright 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

Brochure • July 2008

display SOLUTIONS

Eizo 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.



SHD 21205

2 MPixel 21" High Bright Color Display

| Technical specifications | |
|--------------------------------------|--|
| Display performance | |
| 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 ² (132 fL) |
| Calibrated luminance | DICOM, 175 cd/m ² (51 fL) DICOM, 220 cd/m ² (64 fL) DICOM, 250 cd/m ² (73 fL) DICOM, 300 cd/m ² (88 fL) |
| LUT | 10 bit |
| Number of gray shades | 1024 |
| Antireflection coating | Anti-glare |
| Signal inputs | |
| Connectivity | DVI-I, 15pin-SubD |
| Supported signals | DVI-D, single link RGB (DVI-I, 15pin-SubD) |
| Supported formats | VGA, SVGA, XGA, SXGA UXGA, non-interlaced, interlaced |
| Analog properties | |
| Line frequency | 30 ... 100 kHz |
| Frame rate | 50 ... 100 Hz |
| Impedance | 75 Ω |
| Data interface | |
| Connectivity | RJ11, 6pin-MiniDIN, DVI |
| Supported signals | RS 232-Bus, DDC |
| 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 | < 80 W |
| Power save (analog) | DPMS |
| Power save (digital) | DVI-DMPM |
| Mechanical specifications | |
| 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 |
| Design | |
| Mounting options | Ceiling suspension or desktop |
| Orientation | Landscape or portrait |
| Panel controls | |
| Controls | Key pad and OSD |
| Indicators | Power on/off, diagnosis LEDs |
| 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 | |
| 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 |
| Accessories | |
| Cable kit for serial interface connection with SMfit | 6GF6980-1TA08 |
| Fixed stand | 6GF6280-1DF |
| Multifunctional stand | 6GF6988-8AA02 |
| DVI transmission line (36 m) | 6GF6010-0DA36 |

All product designations may be trademarks or product names of EIZO GmbH or supplier companies whose use by third parties for their own purposes could violate the rights of the owners.

An obligation to provide the respective characteristics shall only exist, if expressly agreed in the terms of contract. Availability and technical specifications are subject to change without notice.

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.