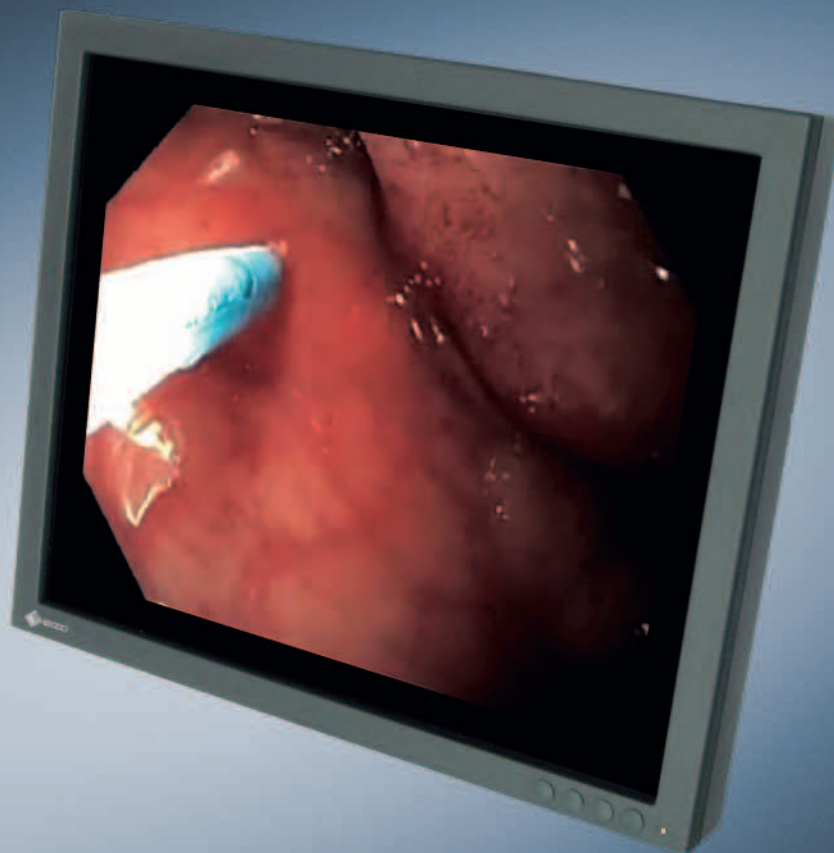


SCD 19102

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
- State of the art video signal rendering; video standards: PAL, NTSC
- **Force Mode** for tailoring the display to even the most specialized timing requirements
- 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 19102 produces color and gray scale images for the accurate, high speed presentation of motion studies and dynamic images in endoscopy, surgery, cardiac imaging, and ultrasound.



SCD 19102

1 MPixel 19" Color Display

| Technical specifications | |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Display performance | |
| 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 | 600:1 |
| Luminance | 280 cd/m ² (82 fL) |
| Calibrated luminance | DICOM, 125 cd/m ² (36 fL) CIE, 125 cd/m ² (36 fL) LINEAR, 160 cd/m ² (47 fL) |
| LUT | 10 bit |
| Number of gray shades | 1024 |
| Antireflection coating | Anti-glare |
| Signal inputs | |
| Connectivity | DVI-I 15pin-SubD 4pin-Mini DIN BNC |
| Supported signals | DVI, single link RGB (DVI-I, 15pin-SubD) Y/C CVBS |
| Supported formats | VGA, SVGA, XGA, SXGA non-interlaced, interlaced |
| Force Mode | Yes |
| 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 | 45 000 h |
| Climatic conditions | |
| Operating temperature | 5 ... +40 °C (32... +104 °F) |
| Within specifications | 5 ... +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 ... 650 hPa |

| Technical specifications | |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| Power requirements | |
| Input voltage | 100 ... 240 V AC, ± 10% |
| Power frequency | 50 ... 60 Hz, ± 5% |
| Power consumption | < 58 W |
| Power save (analog) | DPMS |
| Power save (digital) | DVI-DMPM |
| Mechanical specifications | |
| Mechanical adaptation | VESA 100 mm x 100 mm |
| Degree of protection | <ul style="list-style-type: none"> IP20 IP22 (front) for SCD 19102 CP |
| Dimensions without stand (W x H x D) in mm | 422 x 348 x 95 |
| Weight without stand | 6.4 kg |
| Weight with protective glass | 7.0 kg |
| Weight with stand | 11.4 kg |
| Design | |
| Mounting options | Ceiling suspension or desktop |
| Orientation | Landscape or portrait |
| Panel controls | |
| Controls | Key pad and OSD |
| Indicators | Power on/off |
| 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: SCD 19102 C | 6GF6210-2EE10 |
| With protective glass, without stand: SCD 19102 CP | 6GF6210-2EE20 |
| With multifunctional stand: SCD 19102 D | 6GF6210-2EE01 |
| Accessories | |
| Cable kit for SMfit | 6GF6980-1TA08 |
| Fixed stand | 6GF6280-1DG |
| Multifunctional stand | 6GF6988-8AA01 (for SCD 19102 C) 6GF6988-8AA02 (for SCD 19102 CP) |
| Multifunctional stand | |
| DVI transmission line (36 m) | 6GF6010-ODA36 |

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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.