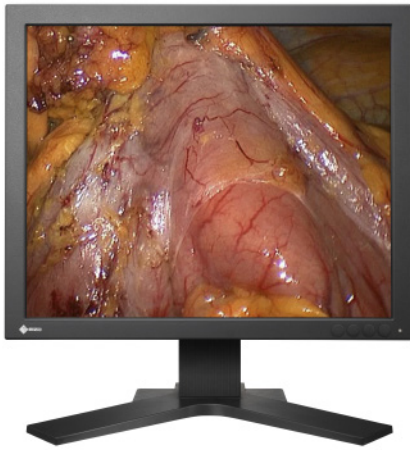




The SCD 19102 produces color and gray scale images for the accurate, high-speed presentation of motion studies and dynamic images in endoscopy, surgery, cardiac imaging, and ultrasound. Like all displays from EIZO, the device is pre-calibrated in the factory. The five integrated look-up tables (LUTs) loaded with practice-oriented settings of high image quality are stored in the display enabling the use of standard graphics boards. The display can be set and re-calibrated in the field in accordance with the CIE or DICOM (Digital Imaging and Communications in Medicine) standard.

- 19-inch LCD module with 1 megapixel resolution offering a maximum brightness of 280 cd/m²
- 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 RadiCS quality assurance tool
- 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



SCD 19102

Comfortably View from Any Angle

Wide viewing angles allow the monitor to be viewed from the side with minimal color shift, thus offering a quality image to multiple persons watching from different perspectives simultaneously.

Diagnostic Precision with Factory Adjustment

To ensure the most accurate and consistent images possible, EIZO carefully measures and sets every tone on the production line to offer image quality tailored specifically to medical needs like DICOM Part 14 or gamma 2.2.

Quick Brightness Stabilization for Instant Viewing

EIZO's fully automated stability function makes use of an internal backlight sensor to quickly stabilize the brightness level at startup and to compensate for fluctuations caused by variations in ambient temperature and the passage of time.

Wide Range of Input Support

EIZO offers multiple input signals to allow connections with both legacy and state-of-the-art endoscopic systems without the need of other optional devices or costs. With loop-through output support, the monitors are also ideally suited for multi-monitor integration or archiving in the operating room.

Clear Image with I/P Conversion

To minimize motion artifacts that normally occur during interlace/progressive (I/P) conversion, this model detects the amount of change between images over time and applies the ideal amount of correction.

Space-Efficient Installation

With its compact size and VESA mount compatibility, the 19-inch color monitor serve as efficient alternative for use in environments with limited space.

Environmentally-Friendly LED Backlight

By utilizing an energy-efficient LED as a backlight, the monitor achieves a high-brightness and low power consumption at the same time. Unlike conventional CCFL backlights, LED backlights deteriorate more slowly and thus the monitor offers a longer service life. Since the LED backlight is mercury free, it will reduce any potential impact on the environment when it is disposed of.

Arm Mountable VESA Compliance

VESA compliance to be attached to existing mounting accessories.

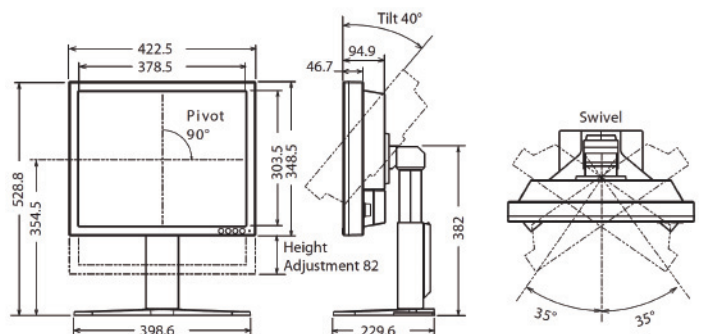
LCD Panel Protector for Easy Cleaning

The panel protector secures the screens from scratches, damages and liquids and alleviates cleaning and disinfection of the front surface.

Specifications

Model Variations	SCD 19102 D: with stand SCD 19102 C: without stand SCD 19102 CP: without stand, with panel protector
Cabinet Color	Black
Panel Type	Color TFT LCD Panel (IPS)
Backlight	LED
Panel Size	48 cm / 19" (481 mm diagonal)
Native Resolution	1280 x 1024 (5:4 aspect ratio)
Viewable Image Size (H x V)	376.0 x 301.0 mm
Pixel Pitch	0.294 x 0.294 mm
Display Colors	8-bit colors: 16.77 million colors
Viewing Angles (H, V, typical)	170, 170°
Brightness (typical)	330 cd/m ²
Contrast Ratio (typical)	900:1
Response Time (typical)	18 ms (on/off)
Sensor	Backlight Sensor
Scanning Frequency (H, V)	Digital: 31 - 100 kHz / 48 - 85 Hz Analog: 24 - 100 kHz / 48 - 120 Hz
Video Inputs	BNC (Composite) x 1, DVI-I x 1, D-Sub mini 15 pin (Separate Sync, Composite Sync, SoG) x 1, S-Video x 1
Power Requirements	AC 100 - 240 V / 50 - 60 Hz
Maximum Power Consumption	58 W
Power Save Mode	Less than 8 W
Power Management	Digital: DVI DMPM Analog: DMPS
OSD Languages	English, German
Net Weight	SCD 19102 D: 9.7 kg SCD 19102 C: 4.7 kg SCD 19102 CP: 5.3 kg
Degree of Protection	SCD 19102 D, SCD 19102 C: IP20 SCD 19102 CP: IP22 for front, IP20
Hole Spacing (VESA Standard)	100 x 100 mm, M4, depth 7 - 9 mm
Certifications and Standards (Please contact EIZO for the latest information)	CE (Medical Device Directive), IEC/EN60601-1 (2nd edition), IEC/EN60601-1 (3rd edition), CAN/CSA C22.2 No. 601.1-M90, CAN/CSA C22.2 No. 60601-1-08, GB4943.1 (non-tropical, altitude<2000 m), UL60601-1, FCC-A, RCM, RoHS, China RoHS, WEEE, CCC
Supplied Accessories	AC power cord, signal cables (DVI-D - DVI-D, BNC - D-Sub mini 15 pin), Utility Disk (PDF Instructions for Use)
Order Numbers	SCD 19102 D: 6GF6210-2EE01 SCD 19102 C: 6GF6210-2EE10 SCD 19102 CP: 6GF6210-2EE20

Dimensions (mm)



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www.eizo-or.com/contact

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