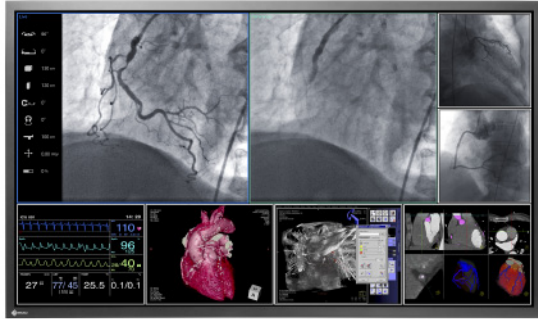


The 58 inch viewing area of LS580W enables a new dimension in medical imaging allowing high flexibility in arranging different screen layouts. Important pictures can be scaled to the desired size, less important information can be moved out of the focus. The LS580W supports life time luminance stability. Its tone curves match DICOM/CIE recommendations. The monitor can be mounted to ceiling suspensions and is ideal for operating rooms where multiple medical images need to be displayed simultaneously.

- 58-inch LCD module with 8 megapixel (4K ultra HD) resolution
- Environmentally-friendly LED backlight offering a maximum brightness of 700 cd/m²
- Redundant components architecture for a high degree of operational reliability
- Factory-adjusted grayscale tones to meet DICOM Part 14 standard for optimum display of medical DICOM images
- 5 user-selectable 11-bit look-up tables enable accurate viewing of any type of medical image
- Homogeneous brightness uniformity across the entire screen



RadiForce® LS580W

Everything in a Single Glance

Large widescreen monitors with high resolution can be used instead of single 1 Megapixel monitors in ceiling suspensions. Compared with multi-monitor scenarios, these large screen monitors have no regional color differences or obtrusive bezels, thus reducing eye fatigue and the potential for distraction.

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.

View Accurate Images in Moments

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.

Diagnostic Precision with Factory Adjustment

To ensure the most accurate and consistent shadings possible, EIZO carefully measures and sets every grayscale tone on the production line to offer monitors fully compliant with DICOM Part 14.

Maintain the Precision

Monitor calibration can be carried out to maintain DICOM Part 14 compliance for rendering consistency over time.

Ensure Continued Operation

Redundant power supplies and backlights as well as two DVI inputs give the monitor a high degree of operational reliability for creating a fail-safe environment. A monitoring function can be configured to notify the X-ray system in the event operating conditions become critical or a component fails.

Brightness Uniformity for Constant Brightness Across the Screen

The Digital Uniformity Equalizer (DUE) function provides optimum backlight luminance uniformity which is considered difficult to attain due to the characteristics of LCD monitors, especially with larger screen sizes.

Work Safely with Minimal Picture Delay

With images displayed on the screen in real time, time critical aspects of image distribution are addressed to ensure e.g. safe catheter localization during insertion into an artery.

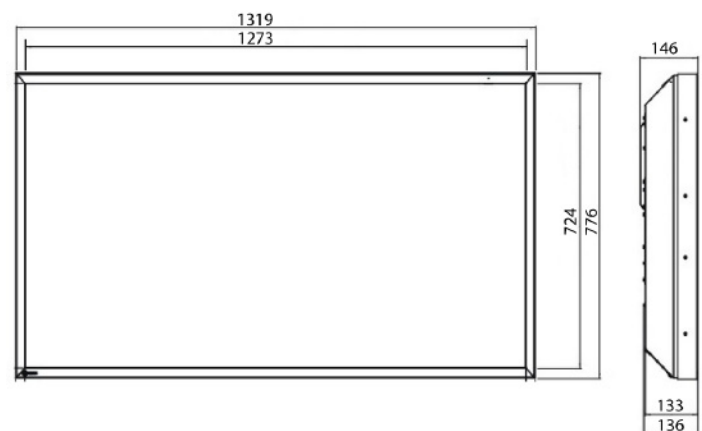
Keep Your Monitor Lit Longer

The monitor is equipped with two independent LED backlights that offer a significantly longer service life over conventional CCFL backlights. In addition, you can maintain high brightness while simultaneously lowering power consumption. Since the LED backlights are mercury-free, they will also reduce any potential impact on the environment when they are disposed of.

Specifications

Cabinet Color	Black
Panel Type	Color TFT LCD Panel (VA)
Backlight	LED
Panel Size	146 cm / 57.5" (1,460 mm diagonal)
Native Resolution	3840 x 2160 (16:9 aspect ratio)
Viewable Image Size (H x V)	1270.0 x 721.0 mm
Pixel Pitch	0.331 x 0.334 mm
Display Colors	8-bit colors: 16.77 million colors
Viewing Angles (H / V, typical)	176° / 176°
Brightness (typical)	700 cd/m ²
Recommended Brightness for Calibration	350 cd/m ²
Contrast Ratio (typical)	4000:1
Response Time (typical)	9.5 ms (Midtone)
Input Terminals	DVI-D (Dual Link) x 2
Digital Scanning Frequency (H / V)	131.3 kHz / 59.7 - 60.3 Hz
Power Requirements	AC 100-240 V / 50 - 60 Hz
Maximum Power Consumption	400 W
Power Save Mode	Less than 38 W
Power Management	DVI DMPM
Sensor	Backlight Sensor
Net Weight	47 kg
Degree of Protection	IP20
Hole Spacing (VESA Standard)	400 x 400 mm, M8, depth 16 - 20 mm
Certifications and Standards (Please contact the EIZO group company or distributor in your country for the latest information)	CE (Medical Device Direction), 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-B, RCM, RoHS, China RoHS, WEEE, CCC
Supplied Accessories	AC power cord, dual link signal cable (DVI-D - DVI-D) x 2, Utility Disk (PDF Instructions for Use)
Optional Accessories	Large Monitor Manager LMM56800, Large Monitor Manager LMM0802, DVI to HDMI cable, DVI to HDMI adapter, DVI Transmission Link TDL 3600-QL (Quad Link), Protection Screen FPP5800, Stand FST5600
Order Number	6GF6200-8AB01

Dimensions (unit: mm)



You will find your EIZO contact partner at:
www.eizo-or.com/contact

All product names are trademarks or registered trademarks of their respective companies. EIZO and RadiForce are registered trademarks of EIZO Corporation. Specifications are subject to change without notice.

Copyright © 2017 EIZO GmbH. All rights reserved. (1701)