

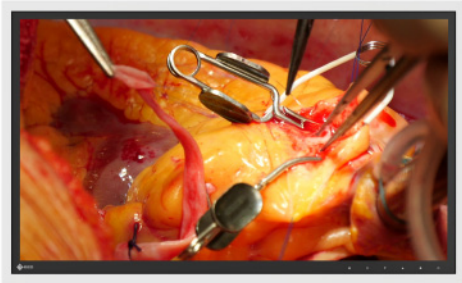


Surgical Monitor
RadiForce® EX271W



This Full HD widescreen monitor is ideally suited for viewing images in surgical environments. With its modular design, the EX271W is streamlined as a future-safe platform for evolving environments and further integration into a wider system.

- 27-inch LCD module with 1080p (Full HD) resolution (1920 x 1080 pixels).
- Powerful LED backlight with over 500 cd/m² luminance for an optimal presentation of critical images.
- 5 factory calibrated look-up tables for quick and easy adaptation to diverse application and viewing environments.
- Modular concept for targeted integration into current and future systems.
- Sleek, encapsulated design with laminated safety glass and an unsurpassed IP rating ideally suited to the OR environment.



RadiForce® EX271W

Exceptional High-Brightness and High-Definition

With a native resolution of 1920 x 1080 and a typical brightness of more than 500 cd/m², the monitor can display original, 1080p (Full HD) images without blurring or distortion irrespective of the local ambient lighting conditions.

Quick and Easy Installation

With 5 factory calibrated look-up tables and integrated mirroring functions, the monitor can be quickly and easily adapted to the local viewing conditions and preferences of the surgeon.

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.

Laminated Safety Glass for Easy Cleaning

The anti-reflective laminated safety glass ensures excellent image quality while protecting the monitor from scratch damage or liquid ingress during surgery or when cleaning and disinfecting the monitor.

Sleek, Encapsulated Housing

With a depth of roughly 4 cm, the sleek, curved housing offers a minimized footprint and no connection clutter to ease installation and save precious space in the operating room environment.

Modular Design

EIZO offers a growing range of input modules to allow future-safe connections from legacy or state-of-the-art systems to a streamlined monitor optimized for the high performance needs of the operating room.

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.

Fanless Silent Design

Engineered to dissipate heat without a fan, the EX271W generates no distracting noises and does not circulate dust and germs or disturb the controlled laminar airflow within the operating room.

Arm Mountable VESA Compliance

The monitor can be easily mounted onto new or existing VESA-compliant suspension units and flexibly positioned with the forward spacer and positioning rail mount accessories.

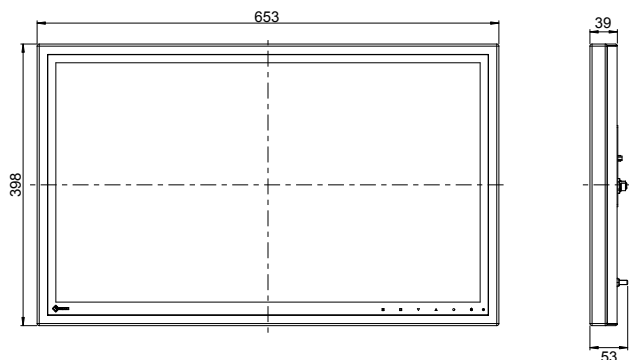
Customer Assurance with Medical Standards

RadiForce monitors meet the strictest medical, safety, and EMC emission standards.

Specifications

Model Variations	EX271W-DVI: DVI Input EX271W-TDL: TDL Input EX271W-3GS: 3G-SDI Input EX271W-HDL: HDL Input
Cabinet Color	White
Panel Type	TFT Color LCD Panel (dual domain IPS)
Backlight	White LED
Panel Size	68.6 cm / 27" (686 mm diagonal)
Native Resolution	1920 x 1080 (16:9 aspect ratio)
Viewable Image Size (H x V)	597.8 x 336.3 mm
Pixel Pitch	0.3114 x 0.3114 mm
Display Colors	8-bit colors: 16.77 million colors
Viewing Angles (H, V, typical)	178°, 178°
Brightness (minimum)	500 cd/m ²
Brightness (typical)	>600 cd/m ²
Contrast Ratio (typical)	1000:1
Response Time (typical)	8 ms (gray to gray)
Input Terminals	EX271W-DVI: DVI-D x 1 EX271W-TDL: RJ45 (TDL) x 1 EX271W-3GS: BNC (3G-SDI) x 1 EX271W-HDL: RJ45 (HDL) x 1 or M12 (TDL) x 1 (with TRM0000-M12)
Supported Input Signals	DVI single link, 50 - 64 Hz
Output Terminals (Loop Through)	BNC (3G-SDI) x 1 (EX271W-3GS only)
Power Requirements	AC adapter input: 100 - 240 V: 50 - 60 Hz Monitor input (M12): 24 VDC, 2.5 A
Maximum Power Consumption	55 W
Power Save Mode	5.2 W (lamp off mode), 20.6 W (lamp dimmed mode)
Power Management	DVI DMPM
Sensor	Backlight and temperature sensor
OSD Languages	English
Net Weight	10 kg
Degree of Protection	Front: IP65 Rear: IP42 (IP65 with TRM0000-M12)
Hole Spacing (VESA Standard)	100 x 100 mm, M4, depth 5 - 7 mm (added flexibly with forward spacer and positioning rail adapters)
Certifications and Standards (Please contact the EIZO group company or distributor in your country 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, UL60601-1, FCC-B, RCM, RoHS, WEEE, CCC
Supplied Accessories	AC power supply to medical standards, power cables (en, us, jp), signal cable (DVI-D single link), forward spacer, positioning rail, mounting screws, Utility Disk (instructions for use)
Optional Accessories	Input modules (TRM0000-DVI, TRM0000-TDL, TRM0000-M12, TRM0000-3GS, TRM0000-HDL), TDL0000-T (TDL Transmitter), PSU for OR monitor, power extension cord (15 m), TDL cable M12 (5 m) with RJ45 Adapter
Order Numbers	EX271W-DVI: 6GF6270-0LA01 EX271W-TDL: 6GF6270-0LA02 EX271W-3GS: 6GF6270-0LA03 EX271W-HDL: 6GF6270-0LA04

Dimensions (unit: mm)



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