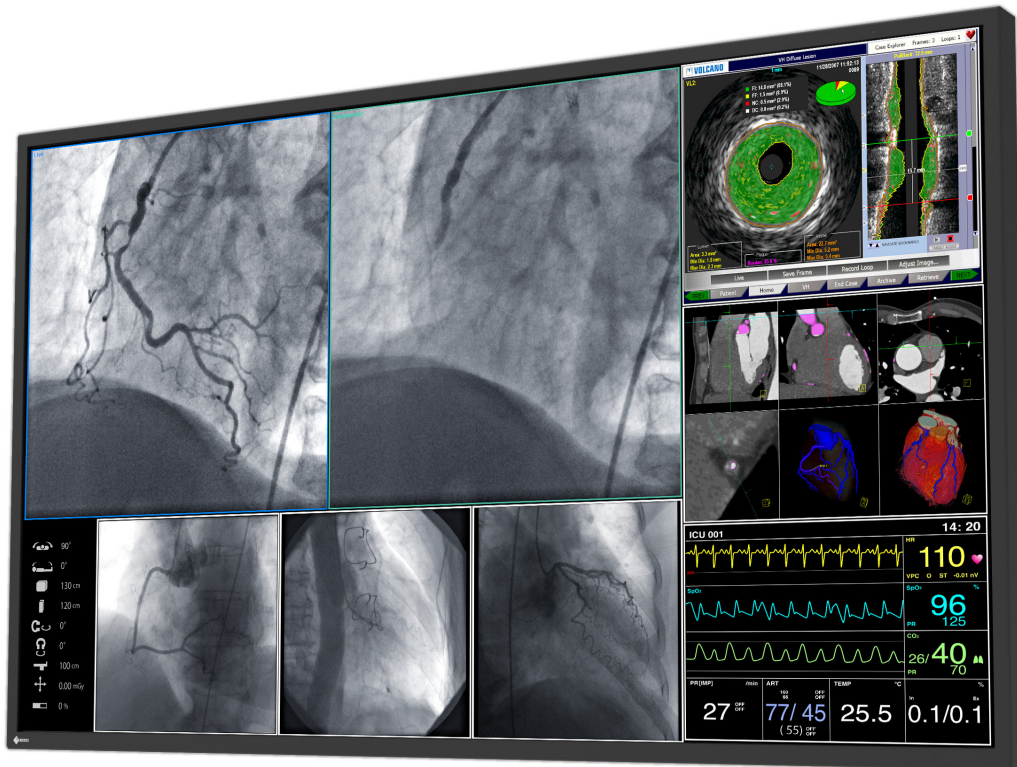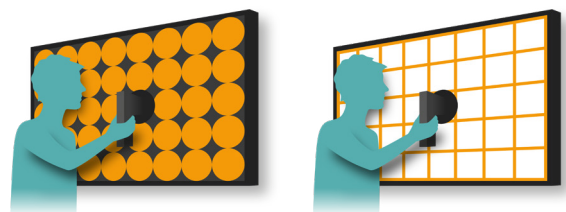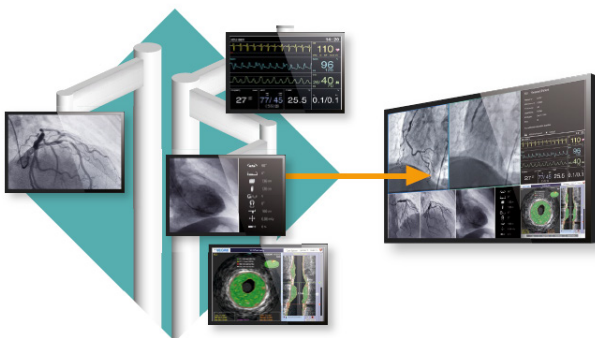# 55-inch Surgical Monitor with 4K UHD Resolution for a Centralized and Clear Display of Multiple Medical Images

Everything in a Single Glance

The monitor's spacious 55-inch screen displays a large volume of data and images without the obtrusive bezels and screen inconsistencies that are typically exhibited with multi-monitor setups. This provides users with a convenient, centralized view of critical data.

Diagnostic Precision with Factory Adjustment

To ensure the most accurate and consistent shadings possible, EIZO carefully measures and sets every grayscale tone at the factory for full compliance with DICOM® Part 14.

CuratOR® LL550W

Uniformity Across the Screen

LCD monitors commonly exhibit fluctuations in brightness and chromaticity across the screen. EIZO's patented Digital Uniformity Equalizer (DUE) technology corrects these deviations for a more uniform image.

Work Safely with Minimal Picture Delay

Images are displayed in real-time with minimal picture delay to ensure that time-critical procedures, such as catheter localization, can be performed accurately.

Stable Brightness and Instant Image Display

EIZO's fully automated stability function uses 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.

Comfortably View from Any Angle

Wide viewing angles allow the monitor to be viewed from the side with minimal color shift, providing a clear view, especially when multiple people need to see the screen simultaneously.

Integration for Flexible Image Display

The LL550W is also designed for use with EIZO's Large Monitor Manager LMM0802-HDM, allowing for flexible display of various video signals on the monitor's large screen. Different layouts can be defined and selected for displaying on the LL550W, depending on the installation environment and user preferences. For layouts, different window arrangements and sizes are possible.

Installation on a VESA Mount

Compliance with the VESA standard enables attachment to existing mounting accessories, such as a ceiling suspension or wall fixture.
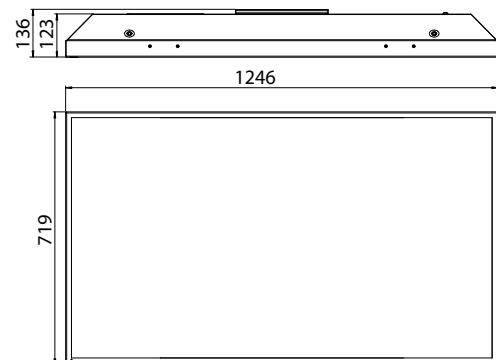
Customer Assurance with Medical Standards

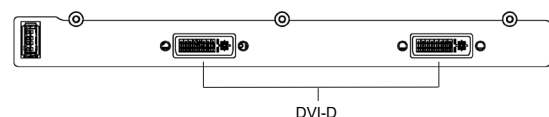The monitor meets the strictest medical safety and EMC emission standards.

Specifications

Model Variations		LL550W: without stand
Cabinet Color		Black
Panel	Type	Color (IPS)
	Backlight	LED
	Size	54.6" (139 cm)
	Native Resolution	3840 x 2160 (16:9 aspect ratio)
	Viewable Image Size (H x V)	1210 x 680 mm
	Pixel Pitch (H x V)	0.315 x 0.315 mm
	Display Colors	10-bit colors: 1.07 billion colors
	Viewing Angles (H / V)	178° / 178°
	Brightness (typical)	700 cd/m²
	Calibrated Brightness	400 cd/m²
	Contrast Ratio (typical)	1100:1
	Response Time (typical)	8 ms (gray-to-gray)
	Color Gamut Coverage (typical)	86% DCI
Video Signals	Input Terminals	DVI-D (Dual Link) x 2
	Digital Scanning Frequency (H / V)	125 -135.87 kHz / 59.0 - 60.72 Hz
USB (for service and update purposes)		USB-A, USB-B
Power	Power Input	AC 100 - 240 V: 50 / 60 Hz
	Maximum Power Consumption	170 W
	Power Save Mode	Less than 30 W
	Power Management	DVI DMPM
Sensor		Backlight Sensor
Physical Specifications	Net Weight	38 kg
	Hole Spacing (VESA Standard)	400 x 400 mm, M8, depth 16-20 mm
Degree of Protection		IP20
Certifications & Standards (Please contact EIZO for the latest information)		CE / UKCA (Medical Device), IEC/EN60601-1, CAN/CSA C22.2 No. 60601-1, EN60601-1-2 Class B, ANSI/AAMI 60601-1, FCC-B, RCM, RoHS, China RoHS, WEEE, CCC, BIS
Supplied Accessories (May vary by country, please contact EIZO for details)		Dual link signal cable (DVI-D - DVI-D) x 2, Utility Disk (PDF Instructions for Use)
Optional Accessories		Large Monitor Manager LMM0802-HDM, DVI Transmission Link TDL3600-QL (Quad Link), Protective Screen FPP5510
Order Number		6GF62008DA01

Dimensions (mm)

Connectors

DVI-D