

55-inch monitor for interventional radiology and endoscopy with 4K UHD resolution

Uniform Image Quality From All Angles

This large-format monitor is fitted with a high-quality IPS panel characterized by a very wide viewing angle. Image reproduction is thus made even more precise and efficient, regardless of the viewing angle.

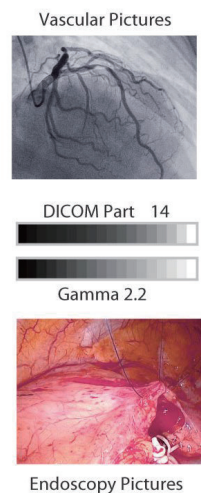


Narrow Viewing Angles

Wide Viewing Angles

Quick On-Site Adjustment

The built-in On-Screen Display (OSD) can quickly adjust the monitor to different image types and the prevailing ambient brightness at the installation site. Service technicians can also quickly and easily adjust the grayscale display on site to suit their needs.



Endoscopy Pictures

CuratOR® LX550W

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.

Superimposed Image Display for Emergency Signals

With the Picture-in-Picture (PiP) function multiple source images can be shown at the same time on the LX550W, so as to display a live signal directly on the monitor in an emergency, for instance.

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 gamma 2.2 or DICOM Part 14.

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.

Consistency with DICOM Part 14 Calibration

The monitor is calibrated to comply with DICOM Part 14 to offer rendering consistency over time.

Brightness Uniformity from Corner to Corner

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

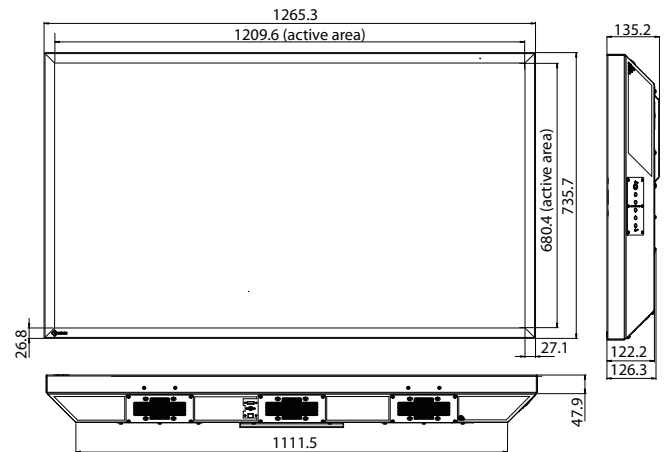
With images displayed on the screen in real time, time critical aspects of image distribution are addressed to ensure, for example, safe catheter localization during insertion into an artery.

Operational Reliability with Redundant Components

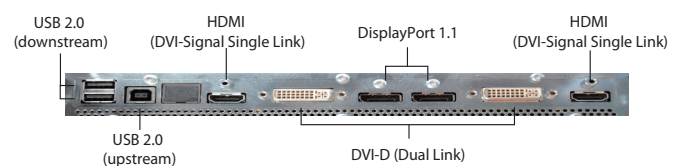
With its redundant components architecture (2 power supplies, 2 backlights, 2 transmission links), EIZO ensures a high degree of operational reliability. A monitoring function can be configured to notify the X-ray system if, for example, operating conditions become critical or a component fails.

Specifications		
Cabinet Color	Black	
Panel	Type	TFT Color-LCD Panel (IPS Pro)
	Backlight	LED
	Size	138.8 cm / 55" (1388 mm diagonal)
	Native Resolution	3840 x 2160 (16:9 aspect ratio)
	Visible Image (H x V)	1209.6 x 680.4 mm
	Pixel Pitch	0.315 x 0.315 mm
	Display Colors	10-bit colors: 1.07 billion colors
	Viewing Angles (H / V, typical)	178° / 178°
	Brightness (typical)	700 cd/m ²
	Recommended Brightness for Calibration	400 cd/m ²
	Contrast Ratio (typical)	1450:1
Response Time (typical)	10 ms (black to white) 9 ms (white to black)	
Video Signals	Input Terminals	DVI-D 24 pin (Dual Link) x 2, DP1.1 x 2, HDMI (DVI-Signal Single Link) x 2
	Digital Scanning Frequency (H / V)	131.3 kHz / 60 Hz
USB	Function	1 upstream, 2 downstream
	Standard	USB 2.0
Power	Power Requirements	AC 100 - 240 V: 50 / 60 Hz
	Maximum Power Consumption	400 W
	Power Save Mode	25 W
	Power Management	DMPM
Sensor	Backlight Sensor	
OSD Language	English	
Features & Functions	Cal-Switch, Picture-in-Picture (PiP)	
Physical Specifications	Net Weight	41 kg
	Hole Spacing (VESA Standard)	400 x 400 mm, M8, depth 16 - 20 mm
Environmental Requirements	IP20	
Certifications & Standards (Please contact EIZO for the latest information)	CE (Medical Device Directive), IEC/EN60601-1 (3rd Edition), CAN/CSA C22.2 No. 60601-1-08, ANSI/AAMI ES60601-1:2005, EN60601-1-2 Class B, GB4943.1 (non-tropical, altitude<2000 m), FCC-B, RCM, RoHS, China RoHS, WEEE, CCC	
Supplied Accessories	AC power cord (eu, us), dual link signal cable (DVI-D - DVI-D) x 2, Utility Disk (PDF Instructions for Use)	
Optional Accessories	Protection Screen FPP5600, Stand FST5600	

Dimensions (Unit : mm)



Connector



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www.eizo-or.com/contact

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