



21.3" Color LCD Monitor

RadiForce® RX570



RX570: one screen



RX570-MD: two screens with dual stand

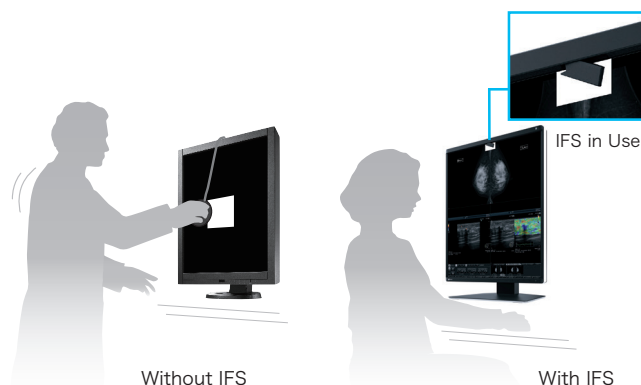
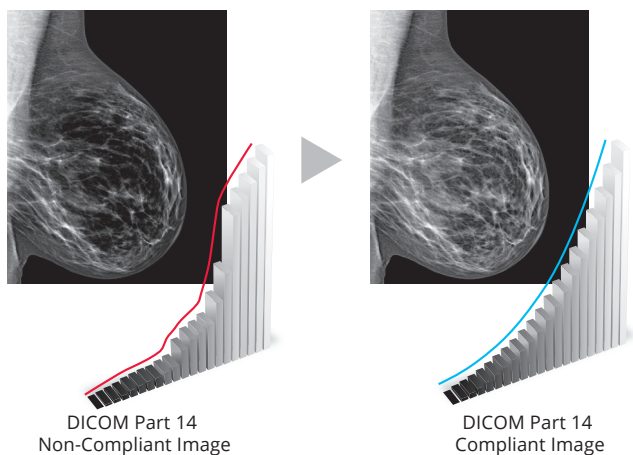
5 Megapixel High-Definition Color Monitor for Proficient Breast Imaging

Make the Precise Diagnosis

EIZO carefully measures and sets each grayscale tone to create a monitor compliant with DICOM® Part 14 standard. This ensures the most consistent shading possible, allowing for the most accurate diagnosis.

Simple Calibration with Built-In Sensor

With the Integrated Front Sensor (IFS) built into the front bezel and the bundled monitor control software RadiCS LE, you can easily calibrate to DICOM Part 14 standard without having to mount, run, and remove an external sensor.



RadiForce® RX570

5 Megapixels for High-Definition Display

When a monitor displays data that exceeds its maximum resolution, the data is downsampled, resulting in a loss in image quality. The RX570 displays 5 megapixels (2048 x 2560 pixels) with a pixel pitch of 0.165 mm, ensuring highly detailed mammography images are shown more clearly compared to 2 or 3 megapixel monitors.

Full Color Support for Ultrasound, Breast CT and MRI

The RX570, while a color monitor, achieves an impressive brightness of 1200 cd/m². This allows it to display high-definition monochrome breast tomosynthesis and mammography images conveniently alongside color images from breast MRI, CT, and ultrasound, all on one screen.

Variations for Specific User Needs

EIZO offers anti-glare (AG) and anti-reflection (AR) screen variations to suit user environments. AG treatment is ideal for exceptionally bright environments and drastically reduces glare from ambient lighting. AR treatment is ideal for moderately-lit environments to reduce mild screen glare while maintaining crisp text and images.

Hybrid Display of Monochrome and Color

The Hybrid Gamma PXL function automatically distinguishes between monochrome and color images, optimizing grayscale for each pixel. This allows for the simultaneous display of monochrome mammography images according to the DICOM standard (GSDF) and color images from breast MRI, CT, and ultrasound at Gamma 2.2 on the same screen, enhancing reading efficiency.

Boost Images for Easy Viewing

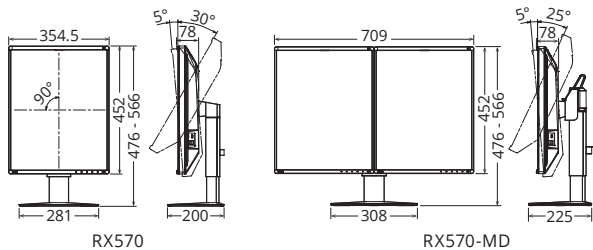
The Instant Backlight Booster function allows users to maintain the monitor at the recommended 500 cd/m² for standard tasks and, with a single hotkey, instantly boost brightness to the maximum level of 1200 cd/m² for a seamless user workflow. The brightness automatically reverts to its original level after a set period, ensuring optimal performance for critical image viewing sessions while minimizing strain on the backlight over time.

DICOM Part 14 is not supported while Instant Backlight Booster is on.

Specifications

Model Variations		RX570-BK-MD: Anti-Glare coating, two screens, with dual stand, black RX570-ARBK-MD: Anti-Reflection coating, two screens, with dual stand, black RX570-BK: Anti-Glare coating, one screen, with stand, black RX570-ARBK: Anti-Reflection coating, one screen, with stand, black
Panel	Type	Color (IPS)
	Backlight	LED
	Size	21.3" (54.1 cm)
	Native Resolution	2048 x 2560 (4:5 aspect ratio)
	Viewable Image Size (H x V)	337.9 x 422.4 mm
	Pixel Pitch (H x V)	0.165 x 0.165 mm
	Display Colors	10-bit (DisplayPort™): 1.07 billion from a palette of 543 billion (13-bit) colors 8-bit: 16.77 million from a palette of 543 billion (13-bit) colors
	Viewing Angles (H / V, typical)	178° / 178°
	Brightness (typical)	1200 cd/m²
	Recommended Brightness for Calibration	500 cd/m²
Video Signals	Contrast Ratio (typical)	2200:1
	Response Time (typical)	25 ms (black-white-black)
	Input Terminals	DisplayPort x 2, DVI-D (dual link)
USB	Output Terminals	DisplayPort (daisy chain)
	Digital Scanning Frequency (H / V)	31 - 135 kHz / 23 - 61 Hz
	Upstream	USB 2.0: Type-B x 2
Power	Downstream	USB 2.0: Type-A x 2
	Dedicated Charging Port	USB Type-C® (Power Supply 15 W max.)
Sensor	Power Input	AC 100 - 240 V: 50 / 60 Hz
	Power Consumption Typical / Maximum / Power Save Mode	34 W / 115 W / 1 W or less
Sensor		Backlight Sensor, Integrated Front Sensor, Ambient Light Sensor
Features & Functions	Brightness Stabilization	Yes
	Digital Uniformity Equalizer	Yes
	Hybrid Gamma PXL	Yes
	Work-and-Flow	Hide-and-Seek, Switch-and-Go, Point-and-Focus, Instant Backlight Booster
	Preset Modes	DICOM, CAL1, CAL2, Custom, sRGB, Text
	OSD Languages	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Physical Specifications	Net Weight	RX570-MD, RX570-AR-MD: 16.3 kg RX570, RX570-AR: 7.6 kg
	Net Weight (Without Stand)	4.8 kg
	Hole Spacing (VESA Standard)	100 x 100 mm
Certifications & Standards (Please contact EIZO for the latest information)		RX570, RX570-AR: CE / UKCA (Medical Device), c-TÜV-us, IEC/EN60601-1, VCCI-B, FCC-B, CAN ICES (B), RCM, RoHS, China RoHS, WEEE, CCC
FDA		510(k) Clearance for Breast Tomosynthesis, Mammography, and General Radiography
Dedicated Software	Monitor Quality Control Software RadiCS	Supported
Supplied Accessories (May vary by country. Please contact EIZO for details.)	Signal Cables	RX570-MD, RX570-AR-MD: DisplayPort (3 m) x 2, DisplayPort (1 m) RX570, RX570-AR: DisplayPort (3 m)
	Others	RX570-MD, RX570-AR-MD: AC power cord (3 m) x 2, USB Type-A - USB Type-B cable (3 m) x 2, Utility Disk (RadiCS LE, PDF installation manual), instructions for use RX570, RX570-AR: AC power cord (3 m), USB Type-A - USB Type-B cable (3 m), Utility Disk (RadiCS LE, PDF installation manual), instructions for use
Warranty		5 Years

Dimensions (Unit: mm)



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