



Breast Imaging Monitor

RadiForce® RX560



This 5 megapixel, high-brightness color monitor for breast imaging combines ease-of-use with functionality.

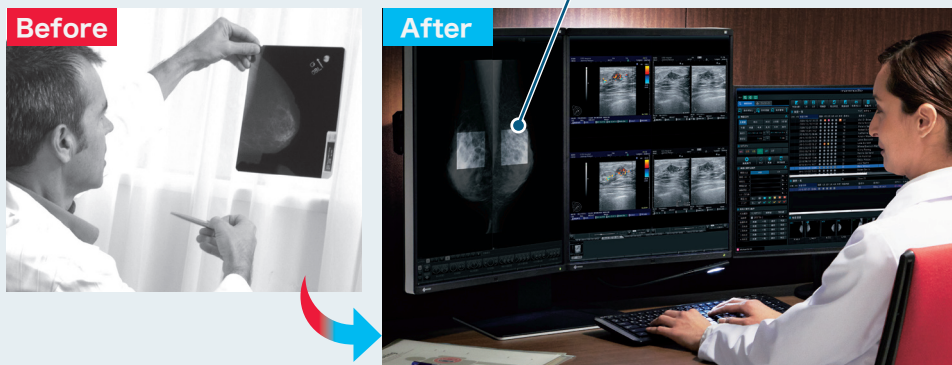
Work-and-Flow

Evolve Your Image Reading

As more image modalities become digitalized, radiologists are viewing an increasing amount of information on their screens. EIZO's unique Work-and-Flow technology alleviates the complexity of the imaging workflow with new functions developed with the radiologist in mind. Users can take advantage of Work-and-Flow features with the RadiForce monitor and bundled RadiCS LE software.



Point-and-Focus



Quick and Easy Focus

With the Point-and-Focus function, you can quickly select and focus areas of your concern with just your mouse and keyboard. Change the brightness and grayscale tones of certain points on the screen to make interpretation easier.

RadiForce® RX560

Full Color Support for Ultrasound, Breast CT and MRI

The RX560 – the world's first medical monitor to use low temperature polysilicon (LTPS) LCD – is a color monitor that reaches a maximum brightness of 1100 cd/m² and a contrast ratio of 1500:1, similar to monochrome monitors. This means it can display high-definition monochrome breast tomosynthesis and mammography images with deep blacks and no washout in addition to color images such as ultrasound and pathology.

Display Both Monochrome and Color

The Hybrid Gamma PXL function automatically distinguishes between monochrome and color images pixel by pixel, creating a hybrid display where each pixel has optimum grayscale; giving it greater accuracy and reliability than the conventional area-detection method.

Hassle-Free Multi-Monitor Configuration

The monitor is equipped with DisplayPort 1.2 input and output terminals. Using the output terminal allows you to easily configure several monitors in a daisy chain sequence without the hassle of excessive cabling.

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.

Achieve Clarity True to the Source Data

A medical monitor needs to be capable of high brightness in order to meet performance standards. However, in order to achieve high brightness in an LCD panel, the pixel aperture ratio has to be increased. This causes a typically unavoidable decline in sharpness. With EIZO's unique Sharpness Recovery technology, the decrease in sharpness (MTF) is restored. This allows you to display an image safely on the monitor that is true to the original source data, even at high brightness levels.

Clear, High Density Images

The monitor hosts 0.165 mm pixels, realizing a smooth, high-density, high-definition image without graininess.

Make the Precise Diagnosis

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

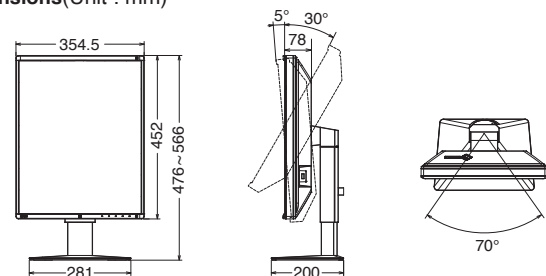
Simple Calibration with Built-In Sensor

The monitor hosts an Integrated Front Sensor (IFS). It is built into the bezel and is only visible when in use; not needing any time to set up. By using it together with the included monitor control software RadiCS LE, brightness and gradation can be corrected to match DICOM Part 14 standards.

Specifications

Model Variations		RX560: Anti-Glare coating RX560-AR: Anti-Reflection coating
Cabinet Color		Black
Panel	Type	Color (IPS)
	Backlight	LED
	Size	54.1 cm / 21.3"
	Native Resolution	2048 x 2560 (4.5 aspect ratio)
	Viewable Image Size (H x V)	337.9 x 422.4 mm
	Pixel Pitch	0.165 x 0.165 mm
	Display Colors	10-bit colors (DisplayPort) : 1.07 billion (maximum) colors 8-bit colors: 16.77 million from a palette of 68 billion colors
	Viewing Angles (H / V, typical)	178° / 178°
	Brightness (typical)	1100 cd/m ²
	Recommended Brightness for Calibration	500 cd/m ²
Contrast Ratio (typical)	1500:1	
Response Time (typical)	12 ms (on / off)	
Video Signals	Input Terminals	DVI-D (dual link) x 1, DisplayPort x 1
	Output Terminals	DisplayPort x 1 (daisy chain)
	Digital Scanning Frequency (H / V)	31 - 135 kHz / 23 - 61 Hz Frame synchronous mode: 23.5 - 25.5 Hz, 47 - 51 Hz
USB	Function	1 upstream, 2 downstream
	Standard	USB 2.0
Power	Power Requirements	AC 100 - 240 V: 50 / 60 Hz
	Maximum Power Consumption	87 W
	Typical Power Consumption	43 W
	Power Save Mode	Less than 1 W
Power Management	DVI DMPM, DisplayPort 1.2a	
Sensor		Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor
Features & Functions	Brightness Stabilization	Yes
	Digital Uniformity Equalizer	Yes
	Pre-set Modes	CAL Switch
	OSD Languages	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Physical Specifications	Net Weight	8.1 kg
	Net Weight (Without Stand)	5.3 kg
	Hole Spacing (VESA Standard)	100 x 100 mm
Certifications & Standards (Please contact EIZO for the latest information.)		CE (Medical Device Directive), EN60601-1, ANSI/AAMI ES60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3 (B), RCM, RoHS, China RoHS, WEEE, CCC, EAC
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.)		AC power cord, signal cables (DVI-D - DVI-D [dual link supported], DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, PDF installation manual), instructions for use
Warranty		Five Years

Dimensions(Unit : mm)



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