



Medical Monitor Solutions

RadiForce®



## THE PERFECT DUO FOR FLEXIBLE DIAGNOSES.

EIZO RadiForce RX560 – the new mammography expert.

The RX560 MammoDuo is a true eye-catcher, not only because of the extremely small bezel. Both 5 megapixel displays are able to accurately visualize images from various sources, as well in colour as in monochrome. The new Point-and-Focus function allows to select specific areas in an image which enables very focused and concentrated viewing. The flexible dual stand offers a simultaneous inclination, tilt and height adjustability of the monitors. And last but not least they come with EIZO's famous five year onsite warranty.

### A New Level of Observation, Without Disruptive Factors

With a bezel only 7.5 mm in width – the world’s smallest bezel width for 5-megapixel monitors – the distance between the display areas of the two monitors is merely 15 mm. Moreover, the panel frame is only 2.5 mm above the screen, which means it sits nearly flush with the screen. This means viewers’ vision goes uninterrupted when looking back and forth between the monitors.



### Space-saving Arrangement

The RX560 MammoDuo saves a great deal of space. This solution saves 67 mm horizontally, 36 mm vertically, and 20.5 mm in depth, compared to conventional structures built from individual monitors with this resolution arranged next to one another. In sum, this means a 22% reduction of the total required surface. This frees up valuable space to make for a roomier working environment.



### Easily Adjustable

You can conveniently adjust the height, tilt, and rotation of the monitors with the dual stand, without creating gaps between the monitors.

### Point-and-Focus: Easily Select the Analysis Area

The Point-and-Focus function allows you to quickly select and focus on relevant image areas using your mouse or keyboard. The brightness and grayscale value of certain points on the screen can be adapted, if necessary, in order to optimize the display.



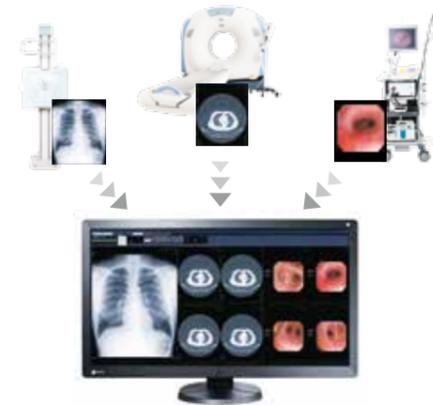
### Perfectly Designed for Diagnostic Use

Narrow black frontal bezels make this device ideal for use in dark environments. They make it easy to visually concentrate on the display. Meanwhile, a white bezel at the sides of the monitors creates a fresh, clean look.



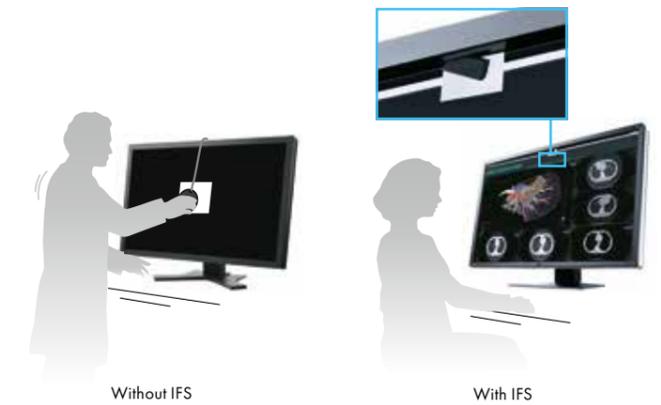
### Full Color Support for Ultrasound, Breast CT and MRI

Mammography is increasingly being combined with ultrasound scans in early breast cancer detection, particularly for women with a high breast density. Moreover, in cases of suspected breast cancer, additional methods such as biopsies, breast MRIs, and computer tomography are used. The RadiForce RX560 is the world’s first medical monitor that uses an LCD on an LTPS (low-temperature polysilicon) basis. This allows the color monitor to achieve a brightness of up to 1100 cd/m<sup>2</sup>, comparable to that of a monochrome monitor. As a result, the RX560 is able to display high-resolution breast tomosynthesis images as well as mammograms with deep, non-faded black tones as well as color images from ultrasound scans and pathology examinations. A high contrast ratio of 1500:1, close to that of a monochrome monitor, means that deep black tones can also be reproduced without a ‘washing out’ effect.



### Balanced image quality thanks to an integrated front sensor

The precise calibration of white point and tone value characteristic curve is provided by an integrated front sensor (IFS). This measures the brightness and grayscales and calibrates the monitor automatically according to the DICOM standard. The sensor works automatically, without restricting the field of vision of the monitor. You can save the costs, time, and effort of maintenance and rely on a consistently balanced image quality.



### Reliable brightness

EIZO is convinced of the quality of its products. The warranty for the monitors, therefore, also covers the brightness stability.



### Secure image quality thanks to AAPM/Euref/DIN compliance

The display properties, in particular brightness and contrast, are suited to the creation of image rendering systems compliant with DIN 6868-157. The DICOM GSDF characteristic is already precisely configured in the factory. This means that grayscales are consistent, which is vital for diagnostics. The monitor meets the strictest medical, safety, and EMC emission standards. EIZO’s QC software RadiCS enables you to perform brightness, grayscale and uniformity checks that comply with AAPM TG18, DIN 6868-157, and other QC standards.





## Specifications



Cabinet Color		Bicolor Black/White
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 <sup>2</sup>
	Recommended Brightness for Calibration	500 cd/m <sup>2</sup>
	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	
OSD Languages	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese	
Physical Specifications	Net Weight	17.3 kg (2 displays incl. dual stand)
	Net Weight (Without Stand)	5.3 kg (single display)
	Hole Spacing (VESA Standard)	100 x 100 mm
Certifications and Standards <sup>1</sup>	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	Pending (for Breast Tomosynthesis, Mammography, and General Radiography)	
Supplied Accessories (May vary by country. Please contact EIZO for details.)	AC power cords x 2, signal cables (DVI-D - DVI-D [dual link supported] x 2, DisplayPort - DisplayPort x 2, short DisplayPort - DisplayPort), USB cables x 2, Utility Disk (RadiCS LE, PDF installation manual), instructions for use	
Recommended Graphic Card	MED-X90	
Warranty <sup>2</sup>	Five years incl. on-site replacement service	

## Consistently secure image quality

The optional EIZO RadiCS software to secure image quality enables extensive maintenance and testing of monitors and includes calibration, acceptance and constancy testing, and the archiving of all areas. If you are working on multiple stations, the use of the RadiNET Pro is recommended. This can be used to centrally control the calibration of all monitors, including data history. This saves you a significant amount of time and ensures consistently high image quality across the entire setup. The basic version RadiCS LE is already included in delivery.



## Five-year warranty



EIZO grants a five-year warranty. This is possible thanks to the highly developed production process based on a simple principle of success: sophisticated and innovative monitor technology, made from high-end materials.

<sup>1</sup> Please contact EIZO for the latest information.

<sup>2</sup> The length of the warranty for the product is five years from the date of purchase. In addition, the warranty includes the normal wear and tear of the backlight if it is operated at a recommended brightness of 500 cd/m<sup>2</sup> and a white point of 8,000 K. EIZO guarantees this brightness for a term of 5 years from the date of purchase or for 20,000 operating hours, depending on which happens sooner.