21.3" Color LCD Monitor

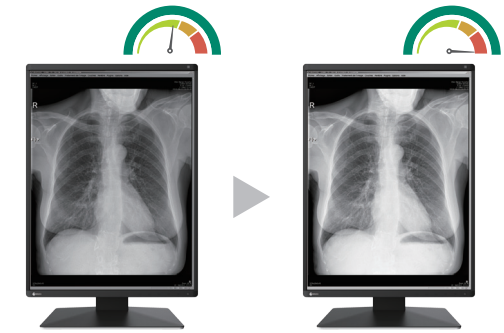
RadiForce® RX370

A 3 megapixel high-brightness monitor ideal for accurate display of monochrome and color images.

Boost Images for Easy Viewing

The Instant Backlight Booster function temporarily maxes the brightness of the monitor for quickly making detailed medical images easier to see. A single hotkey allows users to turn the function on for multiple monitors at once so they can easily view more than one screen under the same high-brightness conditions.

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

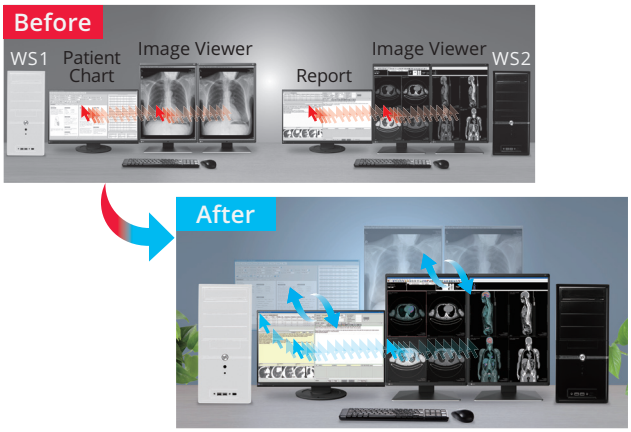


Instant Backlight Booster Off

Instant Backlight Booster On

Barrier-Free Workstyle

With the Switch-and-Go function, you can operate two different workstations at the same time with a single mouse and keyboard. Work across several monitors by moving the cursor from one screen to the other or switch the signals between workstations as needed without having to change your mouse or keyboard each time. This makes it possible to reduce the number of monitors in the workflow and improves work efficiency.



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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.

As a result, monochrome images such as CR and DR are displayed in the ideal grayscale that corresponds to DICOM Part 14, while color images such as those used in endoscopy, nuclear medicine, 3D rendering, and fusion imaging are faithfully reproduced corresponding to Gamma 2.2. This improves the efficiency of viewing both monochrome and color images together on one screen.

Make the Precise Diagnosis

EIZO carefully measures and sets the grayscale at the factory to ensure each monitor is compliant with DICOM Part 14. Furthermore, at startup or upon wakeup, the EIZO patented drift correction function quickly stabilizes the brightness level and compensates the brightness fluctuations caused by the ambient temperature and the passage of time, allowing medical images to be faithfully reproduced with stable brightness and grayscale.

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 that is true to the original source data safely on the monitor, even at high brightness levels.

Hassle-Free Multi-Monitor Configuration

Using the DisplayPort connection, you can drive several monitors in a daisy chain sequence. This allows you to configure a multi-monitor setup without the complicated hassle of excessive cabling.

A graphics board that supports daisy chain is necessary.

Maintain Image Quality Over Time

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

Simple calibration using the monitor backlight sensor is also supported.

Eye Relief with Gentle Light

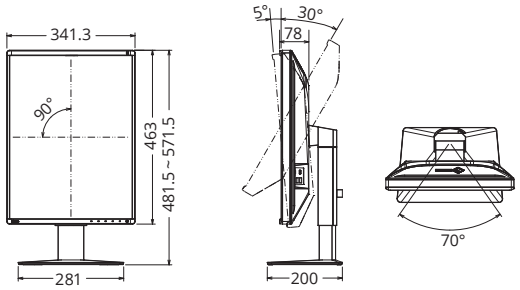
RadiLight is an optional light that attaches to the back of a RadiForce monitor and illuminates the wall behind it. This reduces eye strain for the radiologist viewing a bright monitor in a dark environment, while ensuring there are no reflections on the screen to interfere with reading. It can be attached directly to the monitor without removing the stand and does not take up additional desk space.

Specifications

Panel	Type		Color (IPS)
	Backlight		LED
	Size		21.3" (54.1 cm)
	Native Resolution		1536 x 2048 (3:4 aspect ratio)
	Viewable Image Size (H x V)		324.9 x 433.2 mm
	Pixel Pitch		0.2115 x 0.2115 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)		1100 cd/m²
	Recommended Brightness for Calibration		500 cd/m²
	Contrast Ratio (typical)		1800:1
	Response Time (typical)		25 ms (black-white-black)
Video Signals	Input Terminals		DisplayPort x 2, DVI-D (dual link)
	Output Terminals		DisplayPort (daisy chain)
	Digital Scanning Frequency (H / V)		31 - 127 kHz / 29 - 61.5 Hz
USB	Upstream		USB 2.0: Type-B x 2
	Downstream		USB 2.0: Type-A x 2
	Dedicated Charging Port		USB Type-C (Power Supply 15 W max.)
Power	Power Requirements		AC 100 - 240 V: 50 / 60 Hz
	Typical Power Consumption		36 W
	Maximum Power Consumption		105 W
	Power Save Mode		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		CAL Switch (DICOM, CAL1, CAL2, Custom, sRGB, Text)
	OSD Languages		English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Physical Specifications	Net Weight		8 kg
	Net Weight (Without Stand)		5.2 kg
	Hole Spacing (VESA Standard)		100 x 100 mm
Certifications & Standards (Please contact EIZO for the latest information)			CE (Medical Device), 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 General Radiography*
Dedicated Software		Monitor Quality Control Software RadiCS	Supported
Supplied Accessories (May vary by country. Please contact EIZO for details.)		Signal Cables	DisplayPort (3 m) x 2
		Others	AC power cord (3 m), USB Type-A - USB Type-B cable (3 m) x 2, Utility Disk (RadiCS LE, PDF instructions for use, PDF installation manual), instructions for use
Warranty			Five Years

** Display of mammography images for diagnosis is not supported.*

Dimensions (Unit: mm)



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