

RADON

MEDICAL IMAGING



Eizo Radiforce RX650

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We focus on people, innovative products,
and service excellence

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Multi-Modality Monitor
RadiForce® RX650



A 6 megapixel monitor ideal for viewing a variety of medical images at the same time including CR, DR, CT, MRI, and ultrasound.

- Streamlined workflow with widescreen flexible layout
- Convenient side-by-side image viewing using two input signals
- Space-saving design with a single screen
- Optimal viewing of medical DICOM grayscale images
- Individually optimized brightness and tone for monochrome and color images
- Steady images across the screen with brightness uniformity
- Minimal color and contrast shift when viewed from an angle
- Low power consumption and long lifetime with LED backlight
- Power conservation with integrated presence sensor
- Effortless quality control with built-in calibration sensor



RadiForce® RX650

Streamline Your Workflow

Effectively replace a dual 3 megapixel monitor setup with a 6 megapixel screen capable of displaying all necessary image applications at once to streamline the radiology workflow.

Conveniently View Images Side-by-Side

Two screens from separate input signals can be displayed simultaneously on one monitor. The widescreen enables simple and flexible operation without obtrusive bezels in between when viewing images side-by-side.

Keep Space Efficient

The new design saves more space than a typical dual-monitor setup to make the work area more efficient. In addition, the narrow space between the bezel and screen also makes cleaning easy.

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.

Optimize Color & Monochrome Brightness

The Hybrid Gamma function distinguishes monochrome and color images, displaying each in optimal brightness and tone when viewed on same screen. This expands the usability of multi-modality applications by allowing accurate review of color and monochrome mix images.

Attain Steady Images Across the Screen

The Digital Uniformity Equalizer (DUE) function helps to even out fluctuations in brightness and chroma on different parts of the screen to provide smoother images.

Comfortably View from Any Angle

Wide viewing angles allow you to view the screen from the side with minimal color shift, also permitting more than one person to view the monitor comfortably at the same time.

Keep Your Monitor Lit Longer

The LED backlight offers a significantly longer service life over conventional CCFL. In addition, you can maintain high-brightness while simultaneously lowering power consumption.

Conserve Energy While Away

A presence sensor prompts the monitor to switch to power save mode when the user is away and resumes operation upon their return to conserve power when not in use, uniting convenience with savings.

Manage Effortless Quality Control

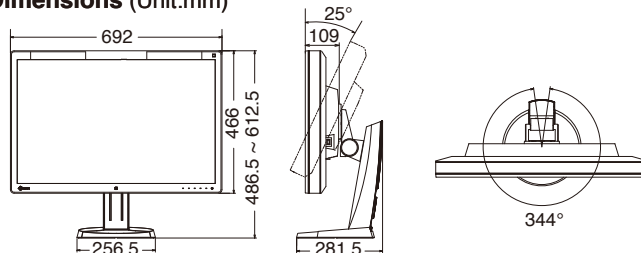
A built-in Integrated Front Sensor (IFS) measures brightness and grayscale tones to calibrate to DICOM Part 14. The IFS does not interfere with the viewing area while in use to cut workload and maintenance costs needed for monitor quality control.

Specifications

Cabinet Color	Black	
Panel	Type	Color TFT LCD Panel (IPS)
	Backlight	LED
	Size	76 cm / 30" (761 mm diagonal)
	Native Resolution	3280 x 2048 (16:10 aspect ratio)
	Display Size (H x V)	645.5 x 403.0 mm
	Pixel Pitch	0.197 x 0.197 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)	176° / 176°
	Brightness (typical)	800 cd/m ²
	Recommended Brightness for Calibration	400 cd/m ²
Video Signals	Input Terminals	DVI-D (dual link) x 2, DisplayPort x 2 (two inputs are required)
	Digital Scanning Frequency (H / V)	31 - 129 kHz / 29 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 29.5 - 30.5 Hz, 59 - 61 Hz
USB	Function	1 upstream, 2 downstream
	Standard	Rev. 2.0
Power	Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz
	Maximum Power Consumption	225 W
	Typical Power Consumption	108 W
	Power Save Mode	Less than 6 W
Sensor	Power Management	DVI DMPM, DisplayPort 1.1a
		Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor
Features & Functions	Brightness Stabilization	Yes
	Digital Uniformity Equalizer	Yes
OSD Languages	Preset Modes	CAL Switch
		English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Physical Specifications	Net Weight	20.2 kg (AC adapter included)
	Net Weight (Without Stand)	13.6 kg
Certifications & Standards	Hole Spacing (VESA Standard)	100 x 100 mm
		CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, C-tick, RoHS, China RoHS, WEEE, CCC, GOST-R (Please contact the EIZO group company or distributor in your country for the latest information.)
FDA 510(k) Clearance	Yes (for General Radiography*)	
Supplied Accessories	AC power cord, AC adapter, dual link signal cable (DVI-D - DVI-D) x 2, signal cable (DisplayPort - DisplayPort) x 2, USB cable, holder for power cord, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, 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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