



Multi-Modality Monitor
RadiForce® RX840-MG





8MP RadiForce® RX840-MG

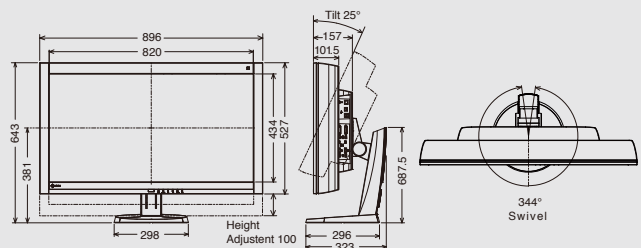
Multi-modality monitor for simultaneously viewing multiple medical images such as digital mammography, magnetic resonance imaging (MRI), and ultrasound images all on one unobstructed screen. Industry first multi-modality color widescreen monitor to receive FDA 510(k) clearance for mammography and general radiography.

- Environmentally-friendly LED backlight offers long service life of five years.
- Compliant with the DICOM Part 14 standard offering image accuracy and consistency for use in medical fields.
- The Integrated Front Sensor allows the monitor to self-calibrate to the DICOM Part 14 standard and reduce the time and effort needed for quality control.
- Hybrid Gamma function automatically distinguishes and applies separate modes for monochrome and color images even within the same application to enhance productivity in PACS usage environments.
- CAL Switch function allows for various imaging modes of different modalities such as digital mammography, ultrasound, and MRI images.

Cabinet Color	Black
Panel Type	TFT Color LCD Panel (IPS)
Backlight	LED
Panel Size	92 cm / 36.4" (923 mm diagonal)
Native Resolution	4096 x 2160
Display Size (H x V)	817.1 x 430.9 mm
Pixel Pitch	0.1995 x 0.1995 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)	700 cd/m ²
Recommended Brightness for Calibration	500 cd/m ²
Contrast Ratio (typical)	1000:1
Response Time (typical)	25 ms (On/Off)
Input Terminals	DVI-D (dual link) x 2, DisplayPort x 2 (two inputs are required)
Digital Scanning Frequency (H / V)	31 - 140 kHz / 29.5 - 30.5 Hz (2048 x 2160, 1920 x 2160), 59 - 61 Hz, (VGA Text: 69 - 71 Hz) Frame synchronous mode: 29.5 - 30.5 Hz, 59 - 61 Hz
USB Function	1 upstream, 2 downstream
USB Standard	Rev. 2.0
Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz
Maximum Power Consumption	350 W
Typical Power Consumption	184 W
Power Save Mode	Less than 6 W
Power Management	DVI DPM, DisplayPort 1.1a
Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor

OSD Languages	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Net Weight	30.9 kg (AC adapter included)
Net Weight (Without Stand)	23.2 kg
Hole Spacing (VESA Standard)	200 x 200 mm
Certifications and Standards *	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
FDA 510(k) Clearance	Yes (for Mammography and 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, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual), 4 screws for mount option
Warranty	Five Years

Dimensions (Unit: mm)



* Please contact the EIZO group company or distributor in your country for the latest information.



EIZO Corporation

153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan
Phone +81-76-277-6792 Fax +81-76-277-6793

www.eizo.com

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