



Multi-Modality Monitor
RadiForce® RX840-MG





8MP RadiForce® RX840-MG

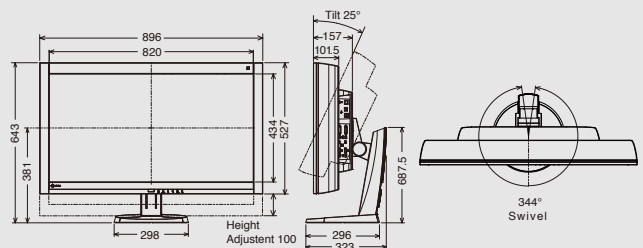
Multi-modality monitor for simultaneously viewing multiple medical images such as digital mammography, magnetic resonance imaging (MRI), and ultrasound images all on one unobstructed screen. Industry first multi-modality color widescreen monitor to receive FDA 510(k) clearance for mammography and general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

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| 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 |

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|--------------------------------|---|
| 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.



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