



Diagnostic Monitor  
RadiForce® RX440





## 4MP RadiForce<sup>®</sup> RX440

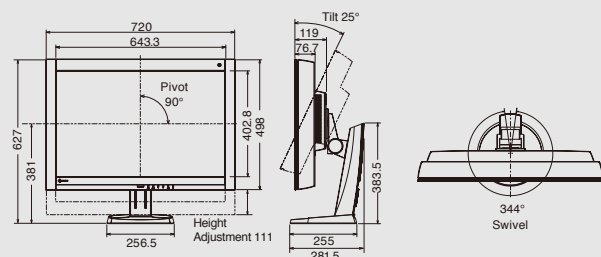
The high resolution of 4 megapixels gives this color monitor the same screen size and number of pixels as two 2 megapixel monitors in portrait mode but without the obtrusive bezels.

- Environmentally-friendly LED backlight offers long service life and reduction in power consumption.
- Compliant with the DICOM Part 14 standard offering image accuracy and consistency for use in medical fields.
- 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.
- 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.
- Dual-screen display on one monitor with Picture-by-Picture (PbyP) or Picture-in-Picture (PinP) functions for simplified and flexible operation.

Cabinet Color	Black
Panel Type	TFT Color LCD Panel (IPS)
Backlight	LED
Panel Size	76 cm / 29.8" (756 mm diagonal)
Native Resolution	2560 x 1600
Display Size (H x V)	641.2 x 400.8 mm
Pixel Pitch	0.2505 x 0.2505 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)	750 cd/m <sup>2</sup>
Recommended Brightness for Calibration	400 cd/m <sup>2</sup>
Contrast Ratio (typical)	1100:1
Response Time (typical)	20 ms (On/Off)
Input Terminals	DVI-D (dual link) x 1, DVI-D (single link) x 1, DisplayPort x 1
Digital Scanning Frequency (H/V)	31 - 159 kHz / 29 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 59 - 61 Hz, 29.5 - 30.5 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	167 W
Typical Power Consumption	84 W
Power Save Mode	Less than 0.7 W
Power Management	DVI DMPM, 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	20.2 kg
Net Weight (Without Stand)	16 kg
Hole Spacing (VESA Standard)	200 x 100 mm and 100 x 100 mm
Certifications and Standards <sup>1</sup>	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	Pending (for General Radiography <sup>2</sup> )
Supplied Accessories	AC power cord, dual link signal cable (DVI-D - DVI-D), signal cable (DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, user's manual)
Warranty	Five Years

### Dimensions (Unit: mm)



<sup>1</sup> Please contact the EIZO group company or distributor in your country for the latest information.

<sup>2</sup> Display of mammography images for diagnosis is not supported.



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