



Diagnostic Monitor
RadiForce® RX430





4MP RadiForce® RX430

76 cm (29.8") Color LCD Monitor

The RadiForce RX430 is the world's first* monitor to simultaneously display color and monochrome images with their own gamma curves. The high resolution of 4 megapixels gives this monitor the same amount of screen size and number of pixels as two 2 megapixel monitors in portrait mode but without the obtrusive bezels.

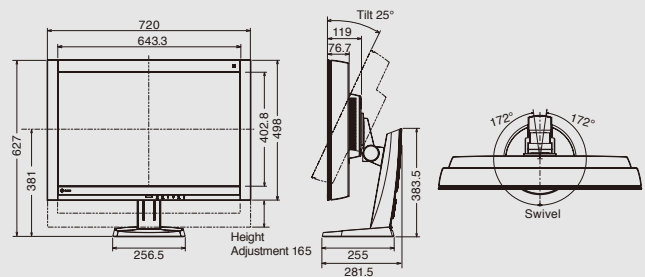
- Hybrid Gamma function automatically distinguishes and applies separate modes for monochrome and color images even within the same application to enhance productivity in PACS usage environments.
- Compliant with the DICOM Part 14 standard offering image accuracy and consistency for use in medical fields.
- 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.
- The integrated presence sensor unites convenience with energy savings by ensuring that the monitor automatically conserves power when it is not in use.
- CAL Switch function offers eight user-selectable mode settings for accurate viewing of any type of medical image.
- Digital Uniformity Equalizer (DUE) function for optimum brightness uniformity.

* Statement reflects EIZO's internal findings as of September 2010.

Model Variations	RX430: without Panel Protector RX430-FC: with Panel Protector and Free-Mount (No Stand)
Cabinet Color	Black
Panel	TFT Color LCD Panel (IPS)
Active Display Size (H x V)	641.2 x 400.8 mm
Viewable Image Size	Diagonal: 756 mm
Native Resolution	2560 x 1600
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)	170°, 170°
Brightness	1,000 cd/m ² (typical)
Recommended Brightness for Calibration	400 cd/m ²
Contrast Ratio	1100: 1 (typical)
On/Off Response Time	20 ms (typical)
Scanning Frequency (H, V)	31 - 100 kHz, 29.5 - 61 Hz (VGA Text: 69 - 71 Hz) Frame synchronous mode: 59 - 61 Hz, 29.5 - 30.5 Hz
Dot Clock	269 MHz
Input Terminal	DVI-D 24 pin (dual link) x 1, DisplayPort x 1
USB Ports	1 upstream, 2 downstream
USB Standard	Rev. 2.0
Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz
Power Consumption / Save Mode	200 W / Less than 1 W
Sensor	Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor

Power Management	DVI DMPM, DisplayPort 1.1a
OSD Languages	English, French, German, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Net Weight (With Stand / Without Stand)	RX430: 19.2 kg / 15.2 kg RX430-FC: - / 16.0 kg
Hole Spacing	VESA standard 200 x 100 mm and 100 x 100 mm
Degree of Protection	RX430-FC: IPX2 for front
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, FDA 510(k) *, RoHS, GOST-R
Supplied Accessories	AC power cord, user's manual, dual link signal cable (DVI-D ~ DVI-D), signal cable (DisplayPort ~ DisplayPort), USB cable, EIZO LCD Utility Disk (RadiCS LE, ScreenManager Pro for Medical), ScreenCleaner (RX430-FC only)
Warranty	Five Years

Dimensions [Unit: mm]



* Display of mammography images for diagnosis is not supported.



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