EIZO®

Diagnostic Monitor

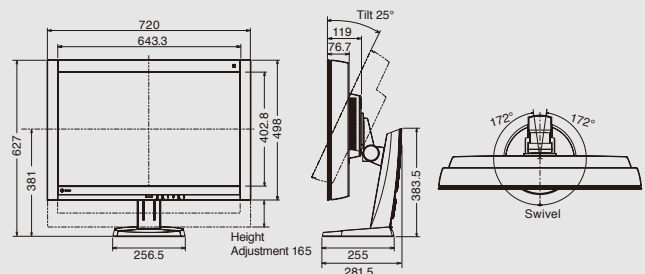# RadiForce® RX430

4MP RadiForce® RX430

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.

Model Variations	RX430: With Stand, Without Panel Protector RX430-FC: Without Stand, With Panel Protector
Cabinet Color	Black
Panel Type	TFT Color LCD Panel (IPS)
Panel Size	76 cm / 29.8" (756 mm diagonal)
Display Size (H x V)	641.2 x 400.8 mm
Pixel Pitch	0.2505 x 0.2505 mm
Native Resolution	2560 x 1600
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 / Standard	1 upstream, 2 downstream / 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
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 (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 *(Please contact the EIZO subsidiary or distributor in your country for the latest information.)*	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, GOST-R
FDA 510(k) Clearance	Pending (for General Radiography)
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), ScreenCleaner (RX430-FC only) , user's manual
Warranty	Five Years

Dimensions [Unit: mm]