Diagnostic Monitor

RadiForce® RX350

A 3 megapixel high-brightness monitor ideal for accurate display of chest X-ray, CR, and DR grayscale images and color images such as 3D rendering and image fusion. Featuring a new design and unique EIZO technology, this monitor provides both comfort and image precision to medical professionals.

- Clearly defined images using EIZO's Sharpness Recovery technology
- New user-friendly design with fresh, clean aesthetic
- Reduced size and thin bezels that save workspace
- Reduced power consumption with energy-efficient LED backlight
- Reduced reflections for image clarity
- Hassle-free multi-monitor configuration using a daisy chain
- Effortless quality control with built-in calibration sensor
- Stable images across the screen with brightness uniformity
- Power conservation with integrated presence sensor

RadiForce® RX350

Sharpness Recovery
All high-brightness LCD panels exhibit a decrease in sharpness of the original image due to aperture ratio of the pixels becoming larger. EIZO's unique technology called Sharpness Recovery restores lost information in contours, resulting in an image shown with maximum clarity.

Create the Ideal Environment
The black front bezels are ideal for viewing the screen in dark reading rooms, making it easier to focus on images, while the original white stripe around the sides of the monitor presents a fresh, clean aesthetic.

Save Work Space with Sleek Cabinet Design
The monitor's size was reduce by 22 mm, 39 mm, and 45.5 mm respectively – 30% less space than its predecessor, saving more workspace for other tasks. Reducing the width of the monitor's frame by approximately half reduces eye movement when comparing side-by-side images in a dual monitor configuration.

Save on Power Consumption
The RadiForce RX350 uses a new panel equipped with an energy-efficient LED backlight which reduces power consumption by 30% compared to its predecessor.
EIZO's internal measurement under RX350's recommended brightness of 500 cd/m².

Reduce Reflections for Image Clarity
Anti-reflection (AR) coating greatly reduces reflections caused by outside light without affecting the light emitting from the monitor. This makes AR preferred over AG (anti-glare) treatments which cause blacks to appear washed out due to diffusion of the backlight. Monitors with AR coating display chest X-ray and other high-resolution images with more clarity for accurate analysis.

Hassle-Free Multi-Monitor Configuration
Using the DisplayPort connection, you can drive several monitors in a daisy chain sequence. This allows you to configure a multi-monitor setup without the complicated hassle of excessive cabling.

Manage Effortless Quality Control
An Integrated Front Sensor (IFS) housed within the front bezel measures brightness and grayscale tones and calibrates to the DICOM Part 14 standard. The hands-free IFS performs quality control tasks and does not interfere with the viewing area while in use. This dramatically cuts the workload and maintenance costs needed for maintaining monitor quality control.

Attain Steady Images Across the Screen
The Digital Uniformity Equalizer (DUE) function helps to even out fluctuations in brightness and chroma on different parts of the screen to provide smoother images, a quality typically difficult to attain due to the characteristics of LCD monitors.
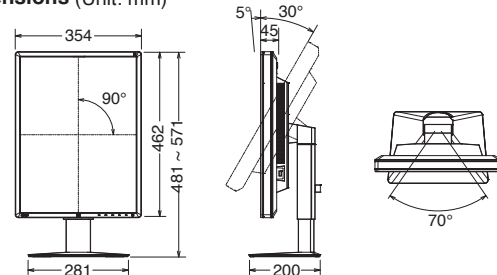
Conserve Energy While Away
A presence sensor prompts the monitor to switch to power save mode when the user is away and resumes operation upon their return to conserve power when not in use, uniting convenience with savings.

Specifications

Model Variations		RX350: Anti-Glare coating RX350-AR: Anti-Reflection coating
Cabinet Color		Black
Panel	Type	Color (IPS)
	Backlight	LED
	Size	54.1 cm / 21.3"
	Native Resolution	1536 x 2048 (3:4 aspect ratio)
	Viewable Image Size (H x V)	324.9 x 433.2 mm
	Pixel Pitch	0.2115 x 0.2115 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)	178° / 178°
	Brightness (typical)	1,000 cd/m²
	Recommended Brightness for Calibration	500 cd/m²
	Contrast Ratio (typical)	1500:1
	Response Time (typical)	25 ms (on / off)
Video Signals	Input Terminals	DVI-D (dual link) x 1, DisplayPort x 1
	Output Terminals	DisplayPort x 1 (daisy chain)
	Digital Scanning Frequency (H / V)	31 - 127 kHz / 29 - 61.5 Hz Frame synchronous mode: 29.5 - 30.5 Hz, 59 - 61 Hz
USB	Function	1 upstream, 2 downstream
	Standard	USB 2.0
Power	Power Requirements	AC 100 - 240 V: 50 / 60 Hz
	Maximum Power Consumption	89 W
	Typical Power Consumption	46 W
	Power Save Mode	Less than 1 W
	Power Management	DVI DMPM, DisplayPort 1.2a
Sensor		Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light Sensor
Features & Functions	Brightness Stabilization	Yes
	Digital Uniformity Equalizer	Yes
	Preset Modes	CAL Switch
	OSD Languages	English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese
Physical Specifications	Net Weight	8.1 kg
	Net Weight (Without Stand)	5.3 kg
	Hole Spacing (VESA Standard)	100 x 100 mm
Certifications & Standards		CE (Medical Device Directive), EN60601-1, ANSI/AAMI ES60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, Canadian ICES-003-B, RCM, RoHS, China RoHS, WEEE, CCC, EAC
FDA 510(k) Clearance		Yes (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, PDF instructions for use, PDF installation manual), instructions for use
Warranty		Five Years

Display of mammography images for diagnosis is not supported.

Dimensions (Unit: mm)

354
90°
462
481 ~ 571
281
5° 30°
45
200
70°

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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