

Features:



RadiForce® RX650

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 digital mammography, chest X-ray, and other high-resolution images with more clarity for accurate analysis.

Anti-reflection (AR) coating

Streamline Your Workflow

Effectively replace a dual 3 megapixel monitor setup with a 6 megapixel screen capable of displaying all necessary image applications at once to streamline the radiology workflow.

Streamline Your Workflow

Keep Space Efficient

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The new design saves more space than a typical dual-monitor setup to make the work area more efficient. In addition, the narrow space between the bezel and screen also makes cleaning easy.

Keep Space Efficient

Optimize Color & Monochrome Brightness

The Hybrid Gamma function distinguishes monochrome and color images, displaying each in optimal brightness and tone when viewed on same screen. This expands the usability of multi-modality applications by allowing accurate review of color and monochrome mix images.

Optimize Color & Monochrome Brightness

Conveniently View Images Side-by-Side

Two screens from separate input signals can be displayed simultaneously on one monitor. The widescreen enables simple and flexible operation without obtrusive bezels in between when viewing images side-by-side. Conveniently View Images Side-by-Side

Keep Your Monitor Lit Longer

The LED backlight offers a significantly longer service life over conventional CCFL. In addition, you can maintain high-brightness while simultaneously lowering power consumption.

Keep Your Monitor Lit Longer

Make the Precise Diagnosis

EIZO carefully measures and sets each grayscale tone to create a monitor compliant with DICOM Part 14. This ensures the most consistent shading possible, allowing for the most accurate diagnosis.

Make the Precise Diagnosis

Maintain the Precision

Perform a simplified calibration compliant with DICOM Part 14 using the bundled RadiCS LE quality control software. RadiCS LE corrects the brightness and grayscale tones of the monitor to maintain image accuracy and consistency over time.

Maintain the Precision

Manage Effortless Quality Control

A built-in Integrated Front Sensor (IFS) measures brightness and grayscale tones to calibrate to DICOM Part 14. The IFS does not interfere with the viewing area while in use to cut workload and maintenance costs needed for monitor quality control.

Comfortably View from Any Angle

Wide viewing angles allow you to view the screen from the side with minimal color shift, also permitting more than one person to view the monitor comfortably at the same time.

View Accurate Images in Moments

The EIZO-patented drift correction function quickly stabilizes the brightness level of the monitor upon startup or wakeup from sleep mode, giving you the most accurate images

quickly ready for viewing. In addition, a sensor measures the backlight brightness and automatically compensates for brightness fluctuations caused by ambient temperature and aging for a consistently stable display.

View Accurate Images in Moments

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.

Select the Ideal Mode for Modalities

The CAL Switch function allows you to choose various modes for different modalities such as CR, CT, and endoscopy. It can be conveniently accessed using the monitor's front panel buttons to easily switch to optimal image viewing conditions.

Select the Ideal Mode for Modalities

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.

Conserve Energy While Away

Improve Operability

EIZO's highly versatile stand offers, tilt, swivel, and a wide height adjustment range, enabling you to use the monitor with greater comfort.

Stay Confident with Stable Brightness

EIZO's confidence in its product quality extends to brightness stability which is also covered during the usage time specified in the warranty.

Rest Assured with Medical Qualifications

The monitors meet the strictest medical, safety, and EMC emission standards.

Rest Assured with Medical Qualifications

Warranty with Safety and Trust

EIZO and its authorized distributors offer a five-year limited warranty.

Specifications:

Model Variations RX650: Anti-Glare coating

RX650-AR: Anti-Reflection coating

Cabinet Color Black

Panel

Type Color (IPS)

Backlight LED

Size 76 cm / 30.0"

Native Resolution 3280 x 2048 (16:10 aspect ratio)

Viewable Image Size (H x V) 645.5 x 403.0 mm

Pixel Pitch 0.197 x 0.197 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) 800 cd/m²

Recommended Brightness for Calibration 400 cd/m²

Contrast Ratio (typical) 1000:1

Response Time (typical) 30 ms (on / off)

Video Signals

Input Terminals DVI-D (dual link) x 2, DisplayPort x 2 (two inputs are required)

Digital Scanning Frequency (H / V) 31 - 129 kHz / 29 - 61 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 - 120 V, 200 - 240 V: 50 / 60 Hz

Maximum Power Consumption 225 W

Typical Power Consumption 108 W

Power Save Mode Less than 6 W

Power Management DVI DMPM, DisplayPort 1.1a

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 , Spanish, Swedish,

Traditional Physical Specifications

Net Weight 20.2 kg (AC adapter included)

Net Weight (Without Stand) 13.6 kg

Hole Spacing (VESA Standard) 100 x 100 mm

Certifications & Standards (Please contact EIZO for the latest information.) CE (Medical Device Directive), EN60601-1, UL60601-1, CSA C22.2 No. 601-1, IEC60601-1, VCCI-B, FCC-B, CAN ICES-3 (B), RCM, RoHS, China RoHS, WEEE, CCC, EAC





FDA 510(k) Clearance Yes (for General Radiography)

Supplied Accessories (May vary by country. Please contact EIZO for details.) AC power cord, AC adapter, signal cables (DVI-D - DVI-D [dual link supported] x 2, DisplayPort - DisplayPort x 2), USB cable, holder for power cord, Utility Disk (RadiCS LE, ScreenManager Pro for Medical, PDF instructions for use, PDF installation manual), instructions for use

Warranty Five Years

Dimension Drawing PDF