EIZO RADIFORCE RX660 MONITOR
6 MP diagnostic monitor

RadiForce RX660

Product description:

Evolve Your Image Reading

As more image modalities become digitalized, radiologists are viewing an increasing amount of information on their screens. EIZO's unique Work-and-Flow technology alleviates the complexity of the imaging workflow with new functions developed with the radiologist in mind. Users can take advantage of Work-and-Flow features with the RadiForce RX660 and bundled RadiCS LE software.

Quick Information Referencing

The Hide-and-Seek function enables users to easily hide the PinP (Picture in Picture) window not currently in use and reopen it as needed by moving the mouse cursor to the edge of the screen. This eliminates the need for an extra monitor while still allowing quick and efficient viewing of reports, patient charts, and other information.

Barrier-Free Workstyle

With the Switch-and-Go function USB switching is done within the monitor. This enables users to use a single keyboard and mouse across two PCs. Users can easily work on either PC by simply moving the mouse cursor across the screens. This enhances work efficiency and creates a cleaner workspace.

Display Both Monochrome and Color

The Hybrid Gamma PXL function automatically distinguishes between monochrome and color images pixel by pixel, creating a hybrid display where each pixel has optimum grayscale. This gives it greater accuracy and reliability than the conventional area-detection method.

As a result, monochrome images such as x-ray, MRI and CT are displayed in the ideal grayscale that corresponds to

DICOM Part 14, while color images such as ultrasound and endoscopy can be faithfully reproduced corresponding to Gamma 2.2. This will improve the efficiency of viewing both monochrome and color images together on the one screen.

Achieve Clarity True to the Source Data

A medical monitor needs to be capable of high brightness in order to meet performance standards. However, in order to achieve high brightness in an LCD panel, the pixel aperture ratio has to be increased. This causes a typically unavoidable decline in sharpness. With EIZO's unique Sharpness Recovery technology, the decrease in sharpness (MTF) is restored . This allows you to display an image safely on the monitor that is true to the original source data, even at high brightness levels.

MTF measures numerically how faithfully the panel transfers detail from the original image data for viewing. When Sharpness Recovery is turned on, in the case of a 2 pixel line pair (spatial frequency of 1.270 cycles/mm) the MTF increases by approximately 51%.

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

Compared to its predecessor, the monitor's width and depth were reduced by 9.5 mm and 56.5 mm respectively. In addition, the size of the power supply was greatly reduced and now comes built into the monitor. This results in a monitor that takes up 23% less space, giving you more room for other tasks. It is also 6 kg lighter than the previous model for ease of installation.

Hassle-Free Multi-Monitor Configuration

The monitor is equipped with DisplayPort 1.2 input and output terminals. Using a single cable connected to the input terminal, the monitor displays 6 megapixel resolution. In addition, using the output terminal allows you to easily configure several monitors in a daisy chain sequence without the hassle of excessive cabling.

Seamlessly View Images

The monitor is equipped with Picture by Picture (PbyP) to allow you to view input from two separate video signals on a single screen. In addition, the monitor's slim bezels offers a more comfortable multi-monitor layout for viewing images side-by-side for seamless viewing.

Variations for Specific User Needs

EIZO offers anti-glare (AG) and anti-reflection (AR) screen variations to suit user environments. AG treatment is ideal for exceptionally bright environments and drastically reduces glare from ambient lighting. AR treatment is ideal for moderately-lit environments to reduce mild screen glare while maintaining crisp text and images.

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.

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.

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.

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.

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.

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.

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. Using the bundled RadiCS LE software, modes can be set to automatically switch to optimal image viewing conditions.

Experience Smooth Color Reproduction

The monitor supports 10-bit input for each RGB color, displaying more than one billion colors simultaneously. This ensures accurate color reproduction for 3D color rendering and image fusion.

10-bit color graphics board and 10-bit color viewer software needed for 10-bit color display.

Save on Power Consumption

The RadiForce RX660 uses a new panel equipped with an energy-efficient LED backlight which reduces power consumption by 26% compared to its predecessor.

EIZO's internal measurement under RX660's recommended brightness of 500 cd/m2.

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. In the latest RadiForce models, the sensor detects the user's presence using a heat sensing method. This increases the range and angle of detection compared to conventional detection methods, making it effective when using multiple monitors.

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.

Warranty with Safety and Trust

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

PRODUCT SHEET

Megapixels: 6MP

Reference: EIZO0002