EIZO RADIFORCE RX270 MONITOR
2 MP diagnostic monitor

Product description:

High Fidelity Images for Peace of Mind

Hybrid Display of 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. As a result, monochrome images such as CT, MRI and X-ray are displayed in the ideal grayscale that corresponds to DICOM Part 14, while color images such as 3D rendering, nuclear medicine, ultrasound and endoscopy are faithfully reproduced corresponding to Gamma 2.2. This helps improve efficiency of viewing both monochrome and color images by displaying them 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 0.926 cycles/mm) the MTF increases by over 50%.

Screen 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 the grayscale at the factory to ensure each monitor is compliant with DICOM Part 14. Furthermore, at startup or upon wakeup, the EIZO patented drift correction function quickly stabilizes the brightness level and compensates the brightness fluctuations caused by the ambient temperature and the passage of time, allowing medical images to be faithfully reproduced with stable brightness and grayscale.

Streamlined Modern Image Reading

The workload of radiologists has been increasing due to the diversification of image reading environments. RadiForce medical monitors provide functions and accessories designed to improve reading efficiency, comfort, and convenience.

Evolve Your Image Reading

EIZO's unique Work-and-Flow technology alleviates the complexity of the imaging workflow with functions developed with the radiologist in mind. Users can take advantage of Work-and-Flow functions with the RadiForce monitor and bundled RadiCS LE software.

Boost Images for Easy Viewing

The Instant Backlight Booster function temporarily maxes the brightness of the monitor for quickly viewing details in medical images. A single hotkey allows users to turn the function on for multiple monitors at once so they can easily view more than one screen under the same high-brightness conditions.

Barrier-Free Workstyle

With the Switch-and-Go function, you can operate two different workstations at the same time with a single mouse and keyboard. Easily move the cursor from one screen to the other or switch the signals between workstations as needed without having to change your mouse or keyboard each time. This also makes it possible to reduce the total number of monitors, mice, and keyboards in the configuration for an improved workflow.

Eye Relief with Gentle Light

RadiLight is an optional light that attaches to the back of a RadiForce monitor and illuminates the wall behind it. This reduces eye strain for the radiologist viewing a bright monitor in a dark environment, while ensuring there are no reflections on the screen to interfere with reading. It can be attached directly to the monitor without removing the stand and does not take up additional desk space.

Convenient Connectivity for Comfortable Use

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.

Elegant Cabinet Design

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. The monitor's cabinet is designed with rounded corners and elegant curves on the back to present a gentle aesthetic and facilitate a comforting environment for patients and medical staff.

USB Hub and USB Type-C for Charging

The monitor is equipped with two USB Type-A downstream ports for connecting a mouse, keyboard, or other USB devices. It is also equipped with a USB Type-C port with up to 15 watt (5V/3A) power supply for charging smartphones and tablets. The USB Type-C port does not allow the computer to access the device's memory or settings, so you can rest assured that it remains secure while connected.

Rest Assured with Image Consistency

Maintain Image Quality Over Time

An monitor's color and brightness characteristics naturally shift with use over time. Since this occurs gradually, it can be difficult to detect when this happens. Implementing a quality control solution ensures that your monitor's display characteristics stay consistent.

With the Integrated Front Sensor (IFS) built into the front bezel of the RadiForce monitor and RadiCS LE software (included), you can easily calibrate to DICOM Part 14 without having to mount, run, and remove an external sensor.

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.

Warranty with Safety and Trust

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

Care for the Environment

Conserve to Preserve

EIZO is committed carrying out responsible manufacturing practices to maintain high product quality, while keeping the environment in mind. RX270 is made of approximately 16% recycled plastic. This mitigates on the amount of plastic waste going into the environment, conserves resources, and promotes reuse of materials for preserving the natural ecosystems.

PRODUCT SHEET

Megapixels: 2MP

Reference: -