

EIZO RADIFORCE MX217 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%.

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.

Comfortable Use, Convenient Connectivity

Elegant Cabinet Design

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.

Improved Workflow

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.

Rotate the Monitor According to the Image

After installing the included RadiCS LE quality control software, you can link the Image Rotation Plus function with the monitor's built-in gravity sensor. This enables the screen to automatically switch to either portrait or landscape mode based on the orientation of the monitor.

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.

Rest Assured with Image Consistency

Manage Effortless Calibration

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

Warranty with Safety and Trust

EIZO and its authorized distributors offer a five-year limited 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. The MX217 is made of approximately 18% 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: -