

Features:

RadiForce® MX242W

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

Keep Your Monitor Lit Longer

The LED backlight offers a significantly longer service life over conventional CCFL backlights. In addition, you



an maintain high brightness while simultaneously lowering power consumption. Since the LED backlight is mercury-free, it will also reduce any potential impact on the environment when disposed of.

Keep Your Monitor Lit Longer**View More with Widescreen**

The widescreen 16:10 aspect ratio provides significantly more horizontal space than the aspect ratios of conventional square monitors so that you can keep tool palettes open without covering the window you are working on.

View More with Widescreen. Comfortably View from Any Angle

The wide viewing angles of the IPS panel 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.

Comfortably View from Any Angle**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 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.

Attain Steady Images Across the Screen

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 and can be conveniently accessed using the monitor's front panel buttons.

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.

Improve Operability

Rest Assured with Medical Qualifications

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

Rest Assured with Medical Qualifications

Gain Smooth Color Reproduction

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

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

Gain Smooth Color Reproduction

Conveniently Manage Applications

EIZO Screen Slicer is a monitor software utility that allows an entire screen to be effectively used through partitioning. Multiple windows can be easily aligned and dropped into the partitioned areas in single- or multi-monitor environments.

Conveniently Manage Applications

Stay Confident with Stable Brightness

EIZO's confidence in its product quality extends to brightness stability. 5 years or 15,000 hours of usage time is guaranteed when used at the recommended brightness of 180 cd/m². Stay Confident with Stable Brightness

Warranty with Safety and Trust

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

Specifications:

Cabinet Color Black

Panel

Type Color (IPS)

Backlight LED

Size 61 cm / 24.1"

Native Resolution 1920 x 1200 (16:10 aspect ratio)

Viewable Image Size (H x V) 518.4 x 324.0 mm

Pixel Pitch 0.270 x 0.270 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) 350 cd/m²

Contrast Ratio (typical) 1000:1

Response Time (typical) 12 ms (on / off)

Video Signals

Input Terminals DVI-I x 1, DisplayPort x 1

Digital Scanning Frequency (H / V) 31 - 76 kHz / 59 - 61 Hz

Analog Scanning Frequency (H / V) 26 - 76 kHz / 49 - 71 Hz

Sync Formats Separate

USB

Function 1 upstream, 2 downstream

Standard USB 2.0

Power

Power Requirements AC 100 - 240 V: 50 / 60 Hz

Maximum Power Consumption 68 W

Typical Power Consumption 31 W

Power Save Mode Less than 0.5 W

Power Management Digital: DVI DMPM, DisplayPort 1.1a

Analog: VESA DPM

Sensor Backlight 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 8.7 kg

Net Weight (Without Stand) 6.0 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, signal cables (DVI-D - DVI-D, 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

Dimension Drawing PD

