

Features:

RadiForce® MX215

MX215

Diagnostic Precision with DICOM Part 14 Factory Adjustment

To ensure the most accurate and consistent shadings possible, EIZO carefully measures and sets every grayscale tone on the production line to produce a monitor compliant with DICOM Part 14.

Environmentally-Friendly LED Backlight

By utilizing an energy-efficient LED as a backlight, the monitor achieves a high-brightness and low power consumption at the same time. Since the LED backlight is mercury-free, it will reduce any potential impact on the environment when it is disposed of.

High Contrast Ratio

The high contrast ratio of 1500:1 allows the RadiForce MX215 to provide users with the high level of image quality and detail essential for viewing medical images in clinical environments.

Quick Brightness Stabilization for Instant Viewing

At startup or upon wakeup, the EIZO patented drift correction function quickly stabilizes the brightness level. In addition, a sensor measures the backlight brightness and counteracts brightness fluctuations caused by ambient temperature and the passage of time.

Presence Sensor for Power Savings

The presence sensor prompts the monitor to switch to power save mode when it detects the user is away from the monitor, and then resumes normal operation when the user returns.

Customer Assurance with Medical Standards

EIZO monitors meet the strictest medical, safety, and EMC emission standards. The RadiForce MX215 has obtained FDA 510(k) clearance for general radiography.

Warranty with Safety and Trust

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

Easy Calibration with Integrated Front Sensor

Integrated Front Sensor, housed within the front bezel, is conveniently enabled and visible only when calibration is being performed. This dramatically reduces the time and effort needed for quality control. Easy Calibration with Integrated Front Sensor
Wide Viewing Angles for Multiple People Use

Thanks to the wide viewing angles and high contrast ratios of the panel, images can be viewed simultaneously by several people with the highest quality reproduction and minimal color shift.

Steadier Image Across the Screen

The Digital Uniformity Equalizer (DUE) function provides optimum backlight luminance uniformity which is difficult to attain due to the characteristics of LCD monitors, especially with a larger screen size.

Mode Selection for Optimum Viewing

Selectable with the front panel buttons, the CAL Switch function allows for various imaging modes of different modalities such as CR, CT, and endoscope images.

Versatile Positioning for Improved Operability

Easy Calibration with Integrated Front Sensor EIZO's highly versatile stand offers tilt, swivel and a wide height adjustment range for greater comfort.

Specifications:

Cabinet Color Black

Panel

Type Color (IPS)

Backlight LED

Size 54 cm / 21.3"

Native Resolution 1200 x 1600 (3:4 aspect ratio)

Viewable Image Size (H x V) 324.0 x 432.0 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) 420 cd/m²

Contrast Ratio (typical) 1500:1

Response Time (typical) 20 ms (on / off)

Video Signals

Input Terminals DVI-I x 1, DisplayPort x 1

Digital Scanning Frequency (H / V) 31 - 100 kHz / 59 - 61 Hz

Analog Scanning Frequency (H / V) 26 - 100 kHz / 49 - 76 Hz

Sync Formats Separate, Composite

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 48 W

Typical Power Consumption 19 W

Power Save Mode Less than 0.5 W

Power Management Digital: DVI DMPM, DisplayPort 1.1a

Analog: VESA DPM

Sensor Backlight Sensor, Integrated Front Sensor, Presence 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 8.0 kg

Net Weight (Without Stand) 5.4 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, user's manual)

Warranty Five Years

Dimension Drawing PDF