

Features:**Clearly Distinguish Microcalcifications**

To detect the smallest structures, the monitor offers a high contrast ratio to accurately render the finer details. The deeper black levels distinguish similar shades of gray for clearly identifying spicules and microcalcifications in monochrome images.

Clearly Distinguish Microcalcifications**10-Bit Simultaneous Grayscale Display**

10-bit (1,024 tones) simultaneous grayscale display extends grayscale fidelity to the boundaries of human visual perception abilities and helps radiologists discern the finest nuances within an image.

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

Maintain the Precision

Perform a simplified calibration for 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**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 for the most accurate diagnosis.

Make the Precise Diagnosis**Manage Effortless Quality Control**

An Integrated Front Sensor (IFS) housed within the front bezel measures brightness and grayscale tones and calibrates to the DICOM Part 14 standard. The hands-free IFS performs quality control tasks and does not interfere with the viewing area while in use. This dramatically cuts the workload and maintenance costs needed for maintaining monitor quality control.

Manage Effortless Quality Control**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, a quality typically difficult to attain due to the characteristics of LCD monitors.

Attain Steady Images Across the Screen



View Accurate Images in Moments

The EIZO-patented drift correction function quickly stabilizes the brightness level of the monitor upon startup of 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.

View Accurate Images in Moments

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.

Comfortably View from Any Angle

Select the Ideal Mode for Modalities

The CAL Switch function allows you to choose various modes for different modalities such as mammography, MRI, and ultrasound. It can be conveniently accessed using the monitor's front panel buttons to easily switch to optimal image viewing conditions.

Improve Operability

EIZO's highly versatile stand offers tilt and a wide height adjustment range for using 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.

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, uniting convenience with savings.

Conserve Energy While Away

Digital Mammography Monitor Quality Control Standards Compliance

EIZO's easy-to-use RadiCS UX1 quality control tool (sold separately) performs precise calibration conforming to DICOM Part 14 and enables quality control complying with ACR Practice Guideline and other QC standard for digital mammography monitors.

RadiCS compatible QC Standards for Digital Mammography Monitor

Rest Assured with Medical Qualifications

The monitor meets the strictest medical, safety, and EMC emission standards.

Warranty with Safety and Trust

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

Specifications:

Model Variations GX550: Anti-Glare coating

GX550-P: Anti-Glare coating, paring

GX550-AR: Anti-Reflection coating

GX550-AR-P: Anti-Reflection coating, paring

Cabinet Color Black

Panel

Type Monochrome (IPS)

Backlight LED

Size 54.1 cm / 21.3"

Native Resolution 2048 x 2560 (4:5 aspect ratio)

Viewable Image Size (H x V) 337.9 x 422.4 mm

Pixel Pitch 0.165 x 0.165 mm

Grayscale Tones 10-bit (DisplayPort) : 1,024 from a palette of 16,369 tones

8-bit: 256 from a palette of 16,369 tones

Viewing Angles (H / V, typical) 178° / 178°

Brightness (typical) 2,000 cd/m²

Recommended Brightness for Calibration 600 cd/m²

Contrast Ratio (typical) 1500:1

Response Time (typical) 25 ms (on / off)

Video Signals

Input Terminals DVI-D (dual link) x 1, DisplayPort x 1

Output Terminals DisplayPort x 1 (daisy chain)

Digital Scanning Frequency (H / V) 31 - 135 kHz / 23 - 61 Hz

Frame synchronous mode: 23.5 - 25.5 Hz, 47 - 51 Hz

USB

Function 1 upstream, 2 downstream

Standard USB 2.0

Power

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

Maximum Power Consumption 95 W

Typical Power Consumption 40 W

Power Save Mode Less than 1 W

Power Management DVI DMPM, DisplayPort 1.2a

Sensor Backlight Sensor, Integrated Front Sensor, Presence Sensor, Ambient Light 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 8.1 kg

Net Weight (Without Stand) 5.3 kg

Hole Spacing (VESA Standard) 100 x 100 mm

Certifications & Standards (Please contact EIZO for the latest information.) CE (Medical Device Directive), EN60601-1, ANSI/AAMI ES60601-1, 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 Breast Tomosynthesis, Mammography, and General Radiography)

Supplied Accessories (May vary by country. Please contact EIZO for details.) AC power cord, signal cables (DVI-D - DVI-D [dual link supported], DisplayPort - DisplayPort), USB cable, Utility Disk (RadiCS LE, PDF instructions for use, PDF installation manual), instructions for use

Warranty Five Years

Dimension Drawing PDF