RX570: one screen



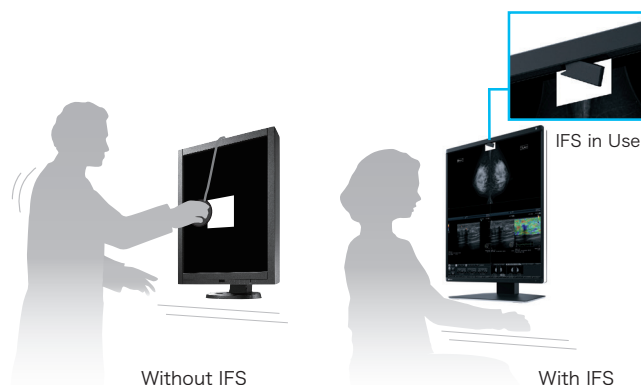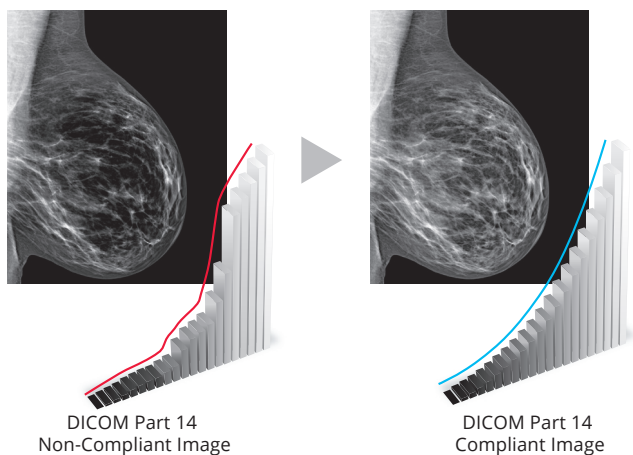RX570-MD: two screens with dual stand

# 5 Megapixel High-Definition Color Monitor for Proficient Breast Imaging

## Make the Precise Diagnosis

EIZO carefully measures and sets each grayscale tone to create a monitor compliant with DICOM® Part 14 standard. This ensures the most consistent shading possible, allowing for the most accurate diagnosis.

## Simple Calibration with Built-In Sensor

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



DICOM Part 14
Non-Compliant Image

DICOM Part 14
Compliant Image



IFS in Use

Without IFS

With IFS

# RadiForce® RX570

## 5 Megapixels for High-Definition Display

When a monitor displays data that exceeds its maximum resolution, the data is downsampled, resulting in a loss in image quality. The RX570 displays 5 megapixels (2048 x 2560 pixels) with a pixel pitch of 0.165 mm, ensuring highly detailed mammography images are shown more clearly compared to 2 or 3 megapixel monitors.

## Full Color Support for Ultrasound, Breast CT and MRI

The RX570, while a color monitor, achieves an impressive brightness of 1200 cd/m². This allows it to display high-definition monochrome breast tomosynthesis and mammography images conveniently alongside color images from breast MRI, CT, and ultrasound, all on one 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.

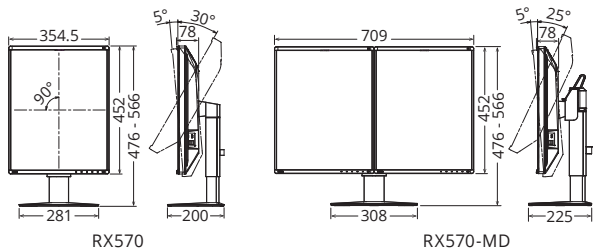## Hybrid Display of Monochrome and Color

The Hybrid Gamma PXL function automatically distinguishes between monochrome and color images, optimizing grayscale for each pixel. This allows for the simultaneous display of monochrome mammography images according to the DICOM standard (GSDF) and color images from breast MRI, CT, and ultrasound at Gamma 2.2 on the same screen, enhancing reading efficiency.

## Boost Images for Easy Viewing

The Instant Backlight Booster function allows users to maintain the monitor at the recommended 500 cd/m² for standard tasks and, with a single hotkey, instantly boost brightness to the maximum level of 1200 cd/m² for a seamless user workflow. The brightness automatically reverts to its original level after a set period, ensuring optimal performance for critical image viewing sessions while minimizing strain on the backlight over time.

*DICOM Part 14 is not supported while Instant Backlight Booster is on.*

## Specifications

| Category | Subcategory | Value |
|---|---|---|
| Model Variations | | RX570-BK-MD: Anti-Glare coating, two screens, with dual stand, black<br>RX570-ARBK-MD: Anti-Reflection coating, two screens, with dual stand, black<br>RX570-BK: Anti-Glare coating, one screen, with stand, black<br>RX570-ARBK: Anti-Reflection coating, one screen, with stand, black |
| Panel | Type | Color (IPS) |
| | Backlight | LED |
| | Size | 21.3" (54.1 cm) |
| | Native Resolution | 2048 x 2560 (4:5 aspect ratio) |
| | Viewable Image Size (H x V) | 337.9 x 422.4 mm |
| | Pixel Pitch (H x V) | 0.165 x 0.165 mm |
| | Display Colors | 10-bit (DisplayPort™): 1.07 billion from a palette of 543 billion (13-bit) colors<br>8-bit: 16.77 million from a palette of 543 billion (13-bit) colors |
| | Viewing Angles (H / V, typical) | 178° / 178° |
| | Brightness (typical) | 1200 cd/m² |
| | Recommended Brightness for Calibration | 500 cd/m² |
| | Contrast Ratio (typical) | 2200:1 |
| | Response Time (typical) | 25 ms (black-white-black) |
| Video Signals | Input Terminals | DisplayPort x 2, DVI-D (dual link) |
| | Output Terminals | DisplayPort (daisy chain) |
| | Digital Scanning Frequency (H / V) | 31 - 135 kHz / 23 - 61 Hz |
| USB | Upstream | USB 2.0: Type-B x 2 |
| | Downstream | USB 2.0: Type-A x 2 |
| | Dedicated Charging Port | USB Type-C® (Power Supply 15 W max.) |
| Power | Power Input | AC 100 - 240 V: 50 / 60 Hz |
| | Power Consumption Typical / Maximum / Power Save Mode | 34 W / 115 W / 1 W or less |
| Sensor | | Backlight Sensor, Integrated Front Sensor, Ambient Light Sensor |
| Features & Functions | Brightness Stabilization | Yes |
| | Digital Uniformity Equalizer | Yes |
| | Hybrid Gamma PXL | Yes |
| | Work-and-Flow | Hide-and-Seek, Switch-and-Go, Point-and-Focus, Instant Backlight Booster |
| | Preset Modes | DICOM, CAL1, CAL2, Custom, sRGB, Text |
| | OSD Languages | English, German, French, Italian, Japanese, Simplified Chinese, Spanish, Swedish, Traditional Chinese |
| Physical Specifications | Net Weight | RX570-MD, RX570-AR-MD: 16.3 kg<br>RX570, RX570-AR: 7.6 kg |
| | Net Weight (Without Stand) | 4.8 kg |
| | Hole Spacing (VESA Standard) | 100 x 100 mm |
| Certifications & Standards<br>(Please contact EIZO for the latest information) | | RX570, RX570-AR:<br>CE / UKCA (Medical Device), c-TÜV-us, IEC/EN60601-1, VCCI-B, FCC-B, CAN ICES (B), RCM, RoHS, China RoHS, WEEE, CCC |
| FDA | | 510(k) Clearance for Breast Tomosynthesis, Mammography, and General Radiography |
| Dedicated Software | Monitor Quality Control Software RadiCS | Supported |
| Supplied Accessories<br>(May vary by country. Please contact EIZO for details.) | Signal Cables | RX570-MD, RX570-AR-MD: DisplayPort (3 m) x 2, DisplayPort (1 m)<br>RX570, RX570-AR: DisplayPort (3 m) |
| | Others | RX570-MD, RX570-AR-MD: AC power cord (3 m) x 2, USB Type-A - USB Type-B cable (3 m) x 2, Utility Disk (RadiCS LE, PDF installation manual), instructions for use<br>RX570, RX570-AR: AC power cord (3 m), USB Type-A - USB Type-B cable (3 m), Utility Disk (RadiCS LE, PDF installation manual), instructions for use |
| Warranty | | 5 Years |

Dimensions (Unit: mm)



RX570          RX570-MD