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5-megapixel medical monitor

Brightness and contrast of the GX560 MammoDuo allow deep black tones and a reliable DICOM® luminance characteristic curve. Two times 5 megapixels make the MammoDuo perfect for displaying mammography and breast tomosynthesis images that are true to the original source. The GX560-MD has a unique double stand that holds two monitors at the same time. This space-saving construction is particularly useful in small and cramped reading rooms. In addition, the monitor is equipped with EIZO's Work-and-Flow functionalities (Point-and-Focus and Switch-and-Go) that help, for example, to reduce the number of monitors and keyboards. The RadiForce GX560 MammoDuo is available with two combined monitors as a dual-screen configuration or single monitor.

- ✓ Two 5-megapixel LCD screens with consistently high and stable brightness for clear mammography images
- ✓ Clear perceptibility of microstructures through high contrast and Sharpness Recovery technology
- ✓ Homogenous display surface via automatic luminance distribution control (Digital Uniformity Equaliser)
- ✓ Set up for calibration, acceptance and consistency testing in accordance with DIN 6868-157 and QS-RL
- ✓ Effortless quality control and built-in calibration sensor
- ✓ Low power consumption and heat output
- ✓ Light sensor to measure ambient light at the diagnostic station
- ✓ Presence sensor means monitor is ready for immediate use whenever the user is in front of it
- ✓ Compact dual-screen solution through a shared stand with narrow bezels and ergonomic design
- ✓ 5-year warranty for highest investment security

Technical Data

GENERAL

| | |
|----------------------|---|
| Item no. | GX560-MD |
| Case color | Bicolor, black and white |
| Areas of application | Healthcare |
| Product line | RadiForce |
| Areas of application | Mammography, Nuclear medicine and radiotherapy, Non-destructive-testing |

SCREEN

| | |
|---|--|
| Screen size [in inches] | 21,3 |
| Screen size [in cm] | 54,1 |
| Format | 4:5 |
| Viewable image size (width x height) [in mm] | 338 x 422 |
| Resolution in MP | 5 Megapixels (greyscale) |
| Ideal and recommended resolution | 2048 x 2560 |
| Pixel pitch [in mm] | 0.165 x 0.165 |
| Panel technology | IPS |
| Max. viewing angle horizontal | 178 |
| Max. viewing angle vertical | 178 |
| Number of colors or greyscale | 256 gray scales (DVI, 8 Bit), 256 gray scales (DisplayPort, 8 Bit), 1024 gray scales (DisplayPort, 10 Bit) |
| Color palette/look-up table | 16,369 gray tones / 14 Bit |
| Max. brightness (typical) [in cd/m ²] | 2500 |
| Recommended brightness [in cd/m ²] | 1000 |
| Max. dark room contrast (typical) | 1700:1 |
| Backlight | LED |

FEATURES & OPERATION

| | |
|---|--|
| Preset color/greyscale modes | 2x manual memory locations, Paper, DICOM |
| DICOM tone curve | ✓ |
| Hardware calibration of brightness and light density characteristic curve | ✓ |
| Digital Uniformity Equalizer (homogeneity correction) | ✓ |
| Blur reduction | ✓ |
| Sensors | Ambient Light Sensor, Integrated luminance sensor, Backlight Sensor, Presence sensor |
| On-screen menu languages | de, en, fr, es, it, se |
| Adjustment options | Pathology tonal value, Brightness, Gamma, OSD language |
| Integrated power unit | ✓ |

CERTIFICATION & STANDARDS

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|---------------|--|
| Certification | CE (Medical Device), ANSI/AAMI ES60601-1, CSA C22.2 Nr. 601-1, EN60601-1, IEC60601-1, RCM, FCC-B, CAN ICES-3 (B), VCCI-B, RoHS, WEEE, China RoHS, CCC, EAC |
|---------------|--|

CONNECTIONS

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|----------------------|---|
| Signal inputs | 2x DisplayPort (HDCP 1.2), DVI-D (HDCP 1.4) |
| Signal outputs | 1x DisplayPort (HDCP 1.2) |
| Daisy-chain capable | ✓ |
| USB specification | USB 2 |
| USB upstream ports | 2 x type B |
| USB downstream ports | 2x type A |
| Graphic signal | DVI Single Link (TMDS), DisplayPort |
| Control port | USB-Protocol |

ELECTRICAL DATA

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| Frequency | Digital: 31-135 kHz/23-61 Hz; Frame sync mode: 23,5-25,5 Hz/47-51 Hz |
| Power consumption (typical) [in watts] | 28 |
| Maximum Power Consumption [in watts] | 79 (at maximum brightness with all signal inputs and USB ports in use) |
| Max. Power consumption in stand-by mode [in watts] | 1 |
| Power consumption with power switch off [in watts] | 0 |
| Power supply | AC 100-240V, 50/60Hz |

DIMENSIONS & WEIGHT

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|---|---|
| Dimensions (incl. stand) (width x height x depth) [in mm] | 709 x 476-566 x 225 |
| Weight (incl. stand) [in kg] | 17.1 |
| Weight (without stand) [in kg] | 8 |
| Dimension drawing (PDF) | Dimension drawing (PDF) |
| Rotatability of the stand [in °] | 70 |
| Tiltability forwards/backwards [in °] | 5 / 25 |
| Pivot between portrait / landscape | clockwise |
| Hole spacing | 100 x 100 |

SOFTWARE & ACCESSORIES

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| Accompanying software and other accessories are available for download | RadiCS LE |
| Other box contents | 1x short signal cable DisplayPort – DisplayPort, 4x Signal cable DisplayPort - DisplayPort, 2x Power cord, 2x USB cable (Type A - Type B) |
| Accessories | RadiCS (UX2-Kit) (The EIZO software is capable of complete quality management – from calibration through asset management to acceptance and constancy testing.), RadiNET Pro (EIZO software for network-based quality management in large facilities – with remote functionality for monitors) |
| Recommended graphics card | MED-XN83 |



RadiForce **GX560-MD**

WARRANTY

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|-------------------|---|
| Warranty periode | 5 years |
| Included warranty | In addition, the warranty includes the normal wear and tear of the backlight if it is operated at a recommended brightness of 1000 cd/sq m. EIZO guarantees this brightness for the term of five years from the date of purchase. |

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