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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

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
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CONNECTIONS

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

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

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

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

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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