

# **NEC MD211G5**



**NEC MD Series Digital Grayscale Display Systems** 

### **Display Systems for Primary Diagnostics of Mammography**

The NEC MD211G5 flat panel display systems are suitable for displaying and viewing of digital images for diagnosis by trained physicians. Applications include diagnostics image reporting in radiography and Mammography.

### **Key Features:**

- 21.3" Grayscale IPS with LED backligh
- 5.0 MP image resolution: 2048 x 2560 pixels in portrait orientation
- Up to 1024 simultaneous shades of grey out of a pallette of 12277
- Unique Front Sensor and LED backlight system for long lasting stable luminance
- GammaCompMD QA Client Software compatible

HEALTHCARE

**NEC Display Solutions** 

# **NEC MD211G5**

#### **TECHNICAL SPECIFICATIONS**

Specifications of displays	MD211G5
Display technology	Grayscale IPS with LED backlight
Screen diagonal [cm/inch]	54/ 21,3"
Active screen area [cm]	33.8 x 42.2
Native resolution [Megapixel]	5
Landscape mode [Pixel]	2560 x 2048
Portrait mode [Pixel]	2048 x 2560
Pixel pitch [mm]	0.165
Contrast ratio [typ.]	1200:1
Peak luminance	1200 cd/m² (native)
Calibrated luminance	500 cd/m <sup>2</sup>
Viewing angle	176° horizontal / 176° vertical (at 50:1 contrast ratio)
Grayscale reproduction	Max. 1024 (10-Bit) out of 12277 (13.5-Bit)
Factory calibration	Gamma correction according to DICOM GSDF with automatic adjustment
White Point	Clear Base
Signal inputs digital	DVI-D and DisplayPort
Dimensions portrait mode (W x H x D) [mm]	390 x 488 - 584 x 228
Dimensions landscape mode (W x H x D) [mm]	475 x 403 - 542 x 228
Height adjustment range	138mm (horizontal)
Bezel width	25 mm
Pivot / Tilt / Height-Adjust / Swivel	Yes / +30°,-5° / 138 mm / 90°
Weight (including stand) [kg]	11.8
VESA Mount capability [mm]	Yes, 100 x 100 mm mounting
Power requirements	100 -240V AC 1.5A / 0.6A; integrated power supply
Power consumption (typ.) [W]	80, normal operation
Operating temperature [°C]	+5°C ~ +35°C
Humidity [%]	20% ~ 80% (without condensation)
Options	Sensor MDSVSENSOR & MDSVSENSOR PRO, 5 year warranty

#### NEC MD SERIES COLOUR DISPLAY SYSTEMCONFIGURATIONS\*

gle or Dual Display
D, Matrox and Nvidia Express Bus

NEC MD Series Grayscale Display Systems comply with the DICOM Grayscale Standard Display Function (GSDF) and with all European mandatory standards such as EN60601-1 for Safety, and EN60601-1-2 for Electromagnetic Compatibility. The CE Declaration is in accordance with the European Directive 93/42/EEC (Medical Device Directive). The NEC MD Series Systems are registered as medical devices at DIMDI and succeeded pre-qualification for the German X-ray ordinance acceptance tests according to DIN V6868-57.

For further informationen please contact us at: med-info@nec-displays.com www.medical.nec-display-solutions.com

Medical device registration plays an important role in complying with mandatory EU regulations on the medical vigilance system. In addition, product registration ensures you receive the best aftersales support and warranty conditions.

Please register your NEC medical device at http://medical.nec-display-solutions.com/medregistration

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