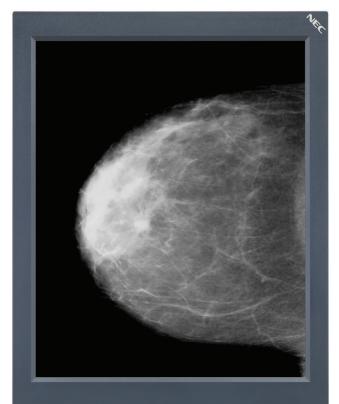
NEC MultiSync® MD205MG

20.1" grayscale medical-grade LCD display ideal for ultra-high-resolution diagnostic imaging

- Specially designed for demanding applications including mammography and radiology, the 20.1" NEC MultiSync MD205MG (5MP display) features a resolution of 2048 x 2560 and a pixel pitch value of less than or equal to 0.156mm for film-like image reproduction without pixelization
- NEC's Super Advanced SFT In-Plane Switching (IPS) LCD technology provides accurate grayscale reproduction as well as fast response times for moving images and extremely wide viewing angles
- 11.5-bit lookup table (LUT) and 10-bit conversion algorithm and dithering technology reproduces up to 1024 shades of gray from a palette of 3061.
- DICOM GSDF conformance produces images that are visible in a linear manner to the human eye, guaranteeing precise image reproduction for diagnosis
- Integrated backlight sensor constantly monitors and adjusts brightness and maintains the factory DICOM GSDF calibration.
- With its DICOM calibration, 10-bit conversion algorithm and dithering technology, and clear, precise images, the MD205MG has been built to support the most demanding Picture Archiving and Communication Systems (PACS) and modality requirements
- The MD205MG's design combines the best in form and function to meet ergonomic standards and provide users with flexibility and ease of use. Features include a durable base that can be easily adjusted for tilt, swivel and height based on the user's preferences. The VESAcompliant display also pivots between portrait and landscape orientation.
- FDA 510(k) approved for use in digital mammography applications, meeting the highest standards for diagnostic displays
- Design includes durable base that easily adjusts for tilt, swivel, height and portrait/landscape orientation

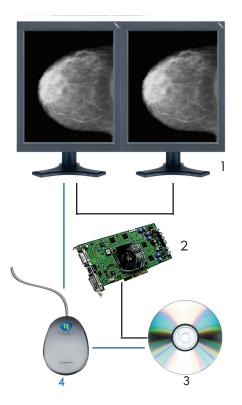






NEC MULTISYNC W SERIES The clear choice in diagnostic displays.

NEC



A typical NEC MultiSync MD Series display system configuration

- 1 Single or dual head displays
- 2 Display controller board
- 3 GammaComp MD quality control software
- 4 Calibrator (optional)

Industry-leading standard limited warranty

- 5 years
- Advanced Overnight Exchange ships a replacement monitor to arrive the next business day with NEC covering the cost of shipping both ways

LCD Viewable Image Size LCD Module Technology Active Screen Area Native Resolution Pixel Pitch Bightness at Native (typical) (contrast Ratio (typical) (up/down/left/right) Grayscale Tone20.1" SA-Superfine Grayscale TFT Glass 31.9 x 39.9 cm 2560 x 2048 Landscape/2048 x 2560 Portrait 0.156mm B50 cd/m² calibrated 600:1 30ms B50 cd/m² max / 400 cd/m² calibrated 600:1 30ms B50 cd/m² max / 400 cd/m² calibrated 600:1 30ms B50 redpie (typical) (up/down/left/right) Grayscale ToneInput ConnectorsDual Link DVI-DSelectable GammaDICOM, log-linear, 2.2 and programmableFactory calibrationGamma correction according to DICOM GSDF with automatic adjustmentX-Ray film simulationClear BasePower Consumption (typical)(120Y) Power SavingsInternal, AC 100-240V, 50/60 Hz nominal 65W < 3WPixel Pixel Stand Height Adjustable Stand Pixel Stand Pixel Finabled Stand18.7 x 18.3 x 9.7 in. / 474.3 x 465.3 x 247.3mm (Landscape 14.9 x 20.2 x 9.7 in. / 379.6 x 512.7 x 247.3mm (Portrait)Dimensions (WxHxD)18.7 x 18.3 x 9.7 in. / 474.3 x 465.3 x 247.3mm (Landscape 14.9 x 20.2 x 9.7 in. / 379.6 x 512.7 x 247.3mm (Portrait)Bezal Width Net Weight, including stand28mm 25.8 lbs. / 9.8 kg.Regulatory StandardsUL260/JEN60601-1/EC601, FCC part 15 class B, CE/MDD, PCT, Crick, PCBC/B Mark, PSB, EnergyStar, GEEA Energy Label, DIN 6868-57, FDA-510(k)Display Video Cards (preferred)) Remote Network Sensor (optional) ColorimeterMDRV10B-SMP Sentry ²⁶ (MD-N2M5B) GammaComp MD Sensor (MDSVSENSOR)Limited Warranty*S years parts and labor, including Advanced Overnight Exchange <th>Model</th> <th>MultiSync MD205MG</th>	Model	MultiSync MD205MG
LCD Module Technology SA. Superfine Grayscale TFT Glass Active Screen Area 31.9 x 39.9 cm Native Resolution 2560 x 2048 Landscape/2048 x 2560 Portrait Pixel Pitch 0.156mm Brightness at Native (typical) 2050 x 2048 Landscape/2048 x 2560 Portrait Contrast Ratio (typical) 30ms Viewing Angle (typical) 30ms Viewing Angle (typical) 85"/85"/85"/85" Selectable Gamma DICOM, log-linear, 2.2 and programmable Selectable Gamma DICOM, log-linear, 2.2 and programmable Factory calibration Clear Base Power Supply Internal, AC 100-240V, 50/60 Hz nominal Power Supply Internal, AC 100-240V, 50/60 Hz nominal </td <td></td> <td>Multisylic Mb200MG</td>		Multisylic Mb200MG
Active Screen Area 31.9 x 39.9 cm Native Resolution 2560 x 2048 Landscape/2048 x 2560 Portrait Pixel Pitch 2560 x 2048 Landscape/2048 x 2560 Portrait Ontrost Ratio (typical) 850 cd/m² max / 400 cd/m² calibrated Gontrost Ratio (typical) 857/85° (85° Tile (typical) 900° Selectable Gamma DICOM, log-linear, 2.2 and programmable Factory calibration Gamma correction according to DICOM GSDF with automatic adjustment X-Ray film simulation Clear Base Power Supply Internal, AC 100-240V, 50/60 Hz nominal Power Savings -300° Tilt / Swivel Stand +30°, 5° / 340° Pivot Enabled Stand 100 x 100mm Dimensions (WXHxD) 18.7 x 18.3 x 9.7 in. / 474.3 x 465.3 x 247.3mm (Landscape 14.9 x 20.2 x 9.7 in. / 379.6 x 512.7 x 247.3mm (Portrait) Bezel Width 28mm Net W eight, including stand 25.8 lbs. / 9.8 kg. Regulatory Standards UL2601/EN60601-1/EC601, FCC part 15 class B, CE/MDD, PCT, Crick, PCBC/B Mark, PSB, EnergyStar, GEEA Energy Label, DIN 6868-57, FDA-510(k) Display Vidoo Cards (preferred) Sentry ⁵⁰ (MDSV5ENSOR) Sentry Sear sparts and labor, including Advanced Overnight Exchange		
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Colorimeter GammaComp MD Sensor (MDSVSENSOR) Limited Warranty* 5 years parts and labor, including Advanced Overnight Exchange	Remote Network Sensor (optional)	Sentry ^{DX} (MD-N2M5B)
Exchange	Colorimeter	GammaComp MD Sensor (MDSVSENSOR)
Exchange	Limited Warranty*	5 years parts and labor including Advanced Overnight
	Extended Warranty (addtl. 1 yr./addtl. 2 yr.)	EW1-MD2MP21 / EW2-MD2MP21

Display video card Bus Interface Output Signal Display Resolutions (portrait) Dot Clock Maximum Power Consumption System Requirements Compatible OS Host Processor Frequency Main Memory

MDRV10B-5MP PCle x 1 DVI x 2 / 8- or 10-bit grayscale 2048 x 2560 (single head) / 4096 x 2560 (dual head) 165 Mhz 25.8W Microsoft Windows XP / 2000 / XP x64

Microsoft Windows XP / 2000 / XP x64 500 MHz or greater 256 MB or greater

NOTE 1: American College of Radiology (ACR) recommends minimum of 171 \mbox{cd}/\mbox{m}^2



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NEC Display Solutions

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