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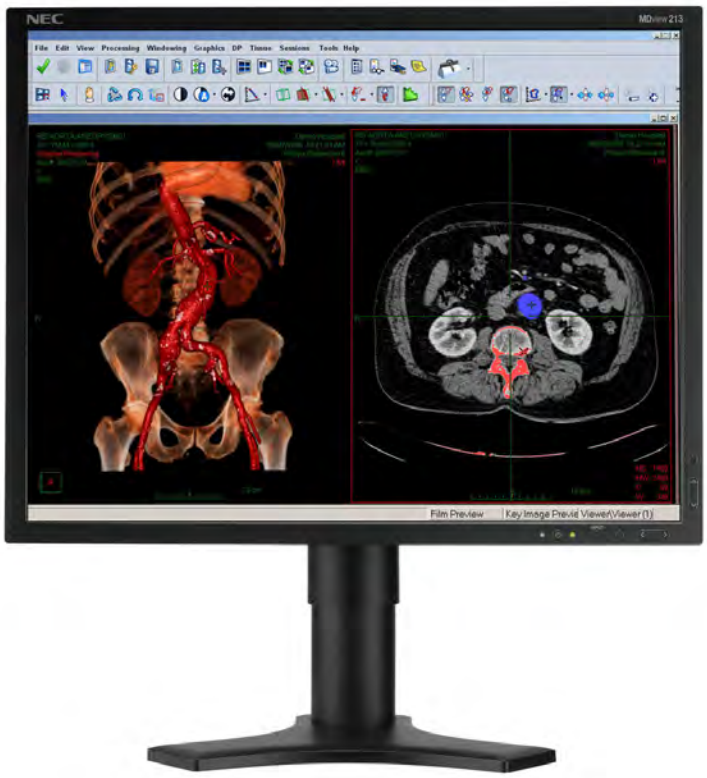
NEC MDview 213



see more.

NEC Display Solutions

NEC MDview colour displays

DICOM calibratable Display for diagnostic image viewing and PACS referral
The NEC MDview 213 Colour flat panel display fulfils dedicated quality requirements for reproduction of images from Computed Tomography, Magnetic Resonance Imaging, Nuclear Medicine/PET and Cardiology as well as PACS referral.

Key Features:

- 21.3" (2.0 MP image resolution: 1600 x 1200 pixels)
- Factory pre-set DICOM gamma curve
- Digital Uniformity Control (DUC) for enhanced spatial uniformity
- Precise DICOM GSDF calibration using 3 internal 12-bit look-up tables

GammaCompMD Client Software compatible

NEC MDview 213

TECHNICAL SPECIFICATIONS

Glass technology	S-PVA glass
Screen diagonal [inch/cm]	21.3 / 54.0
Active screen area [cm]	43.2 x 32.4
Native resolution [Megapixel]	2.0
Landscape / Portrait mode [Pixel]	1600 x 1200 / 1200 x 1600 at 60 Hz
Pixel pitch [mm]	0.270 x 0.270
Contrast ratio (typ.)	1000:1
Viewing angle (H / V @ CR > 10:1)	178° / 178°
Luminance (maximum Native)	300 cd/m^2
Luminance (calibrated)	140 - 160 cd/m^2, recommended
Response time (typ.) [ms]	8 (grey-to-grey), 16 ms (tr + tf)
Displayable colours [Mio.]	16.77 Mio.
Greyscale reproduction [Bit-Depth]	8 (256 grey tones)
Programmable gamma correction	12 bit Look-up table per channel (4096 grey tones)
Factory pre-set	DICOM gamma correction, Digital Uniformity Control active, Backlight stabilisation active
Signal inputs	Digital: 1 x DVI-D, 1 x DVI-I; Analog: 1 x Mini D-Sub 15 pin
Plug & Play compatibility	VESA DDCi; DDC2B/2Bi; EDID Standard
Horizontal frequency [kHz]	31.5 - 91.1 and 99.4 (digital), 31.5 - 93.8 and 99.4 (analogue)
Vertical frequency [Hz]	50.0 - 85.0
Power consumption (max.) [W]	60
Power saving mode [W]	<1.0
Power requirements	100 - 120V/220 - 240V AC 0.74 A/0.32 A ; integrated power supply
Dimensions (W x H x D) [mm]	465 x 425 - 575 x 248; (landscape orientation)
Weight (including stand) [kg]	10.7
Stand features	150 mm height adjust range, Tilt, Swivel, Screen rotation
Safety and ergonomics	CE (EN60950); TÜV ergonomics approved, TÜV GS; C-tick; FCC Class B; PCT/Gost; UL/C-UL or CSA, CCC, PCBC/B-Mark, PSB, GEEA/Energy label
Ambient temperature (operating) [°C]	+5 to +35
Ambient humidity (operating) [%]	30 to 80 (non-condensing)
VESA mounting interface [mm]	100 x 100 (4 points)
Kensington Lock (Theft security)	yes
Other advanced features	Analogue and Digital Long Cable Compensation with Sync Continuity Detection; Digital Uniformity Control; Power-Off timer; Real-time Clock with Scheduler; OSD-Lockout; Multi-Language Selection for OSD; Self diagnostics functions, TORO™ Design
Recommended Display Controllers	Selected Matrox, nVIDIA and ATI models for compatibility with GammaCompMD software
Warranty	3 years warranty incl. backlight
Shipping contents	Display; Continental and UK power cord; Signal Cable DVI-A to VGA; Signal Cable DVI-D to DVI-D; Multiple language quick reference guide; CD-ROM with User Guides, GammaCompMD Client QA Software and approved display controller drivers
Options	Calibration instrument (MDSVSENSOR PRO), Touch or Protective screen (factory option)

Please note: The MDview 213 display model is not certified as a Medical Device according to EU Directive 93/42/EEC. Do not use this display in patient vicinity. Any use for primary diagnostics is the sole responsibility of the hospital or clinic operator only.

For further information please contact us at: med-info@nec-display-solutions.com

MDview 213-09/09

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