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NEC MDview 262-2

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NEC Display Solutions

NEC MDview colour displays

DICOM calibratable Display for diagnostic image viewing and PACS referral
The NEC MDview 262-2 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:

- 26" (2.3 MP image resolution: 1920 x 1200 pixels)
- XLight® Pro: Backlight system for stabilised white luminance and colour
- 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 262-2

TECHNICAL SPECIFICATIONS

Glass technology	H-IPS TFT glass
Screen diagonal [inch/cm]	25.5 / 64.9
Active screen area [cm]	55.0 x 34.4
Native resolution [Megapixel]	2.3
Landscape / Portrait mode [Pixel]	1920 x 1200 / 1200 x 1920 at 60 Hz
Pixel pitch [mm]	0.287 x 0.287
Contrast ratio (typ.)	800:1
Viewing angle (H / V @ CR > 10:1)	178° / 178°
Luminance (maximum Native)	400 cd/m^2
Luminance (calibrated)	180 - 220 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 119.2 (digital), 31.5 - 93.8 and 119.2 (analogue)
Vertical frequency [Hz]	50.0 - 85.0
Power consumption (max.) [W]	111
Power saving mode [W]	<1.0
Power requirements	100 - 120V/220 - 240V AC 1.5 A/0.75 A ; integrated power supply
Dimensions (W x H x D) [mm]	590 x 445 x 306; (landscape orientation)
Weight (including stand) [kg]	13.1
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); 200 x 100 (5 points)
Kensington Lock (Theft security)	yes
Other advanced features	X-Light® Pro Backlight system for stable white luminance and colour; Analogue and Digital Long CableCompensation 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), Touch or Protective screen (factory option)

Please note: The MDview 262-2 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 262-2-UK-4/09

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