



* non va inteso quale dispositivo di visualizzazione diagnostico in quanto non si tratta di un Medical Device secondo la MDD 93/42/EC.

NEC MDview231

TECHNICAL SPECIFICATIONS

Glass technology	IPS
Screen diagonal [inch/cm]	23.0 / 50.9
Active screen area [cm]	98% / 107% Adobe RGB
Native resolution [Megapixel]	1920 x 1080 at 60 Hz
Landscape / Portrait mode [Pixel]	1920 x 1080 / 1080 x 1920 at 60 Hz
Pixel pitch [mm]	0.265
Contrast ratio (typ.)	1000:1
Viewing angle (H / V @ CR > 10:1)	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Luminance (maximum Native)	270 cd/m²
Luminance (calibrated)	160 cd/m² recommended
Response time (typ.) [ms]	8 (grey-to-grey), 6 (8 white / black; 8 black / white)
Displayable colours [Billion]	16.77 (8-bit per colour)
Greyscale reproduction [Bit-Depth]	8 (256 grey tones)
Programmable gamma correction	14-bit LUT with 16-bit processing
Factory pre-set	DICOM gamma correction, Digital Uniformity Control active, Backlight stabilisation active
Signal inputs	Digital: 1 x DisplayPort; Digital: 2 x DVI-D; Analogue: 1xVGA
Plug & Play compatibility	VESA DDC/CI; EDID Standard; VESA DDC2B
Horizontal frequency [kHz]	31.5 - 83.0 and 118.4 (digital)
Vertical frequency [Hz]	50.0 - 85.0
Power consumption (max.) [W]	46
Power saving mode [W]	1.0
Power requirements	100-240 V; 1.38 A/0.56 A; integrated power supply
Dimensions (W x H x D) [mm]	643.6 x 397.6 - 0 x 250 (Landscape mode)
Weight (including stand) [kg]	10.2
Stand features	150 mm height adjust range, Tilt, Swivel, Screen rotation
Safety and ergonomics	CE; TCO 5.0; ERP; TÜV Ergonomics; TÜV GS; C-tick; FCC Class B; PCT/Gost; UL/C-UL or CSA; CCC; ISO 9241-307 (pixel failure class I); MPR II/ MPR III; PCBC/B-mark; PSB; RoHS
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 Security Slot	yes
Other advanced features	Adjustable power LED (colour and brightness); AmbiBright; ambix ³ ™; Auto Black Level; Auto Brightness; Auto Contrast; AutoBright; CableComp with Sync Continuity Detection; Digital Uniformity Control; DDC/CI compatible; Direct Brightness and Contrast; EcoModes; Integrated USB Hub (2 up; 3 down); NaViSet® and NaViSet® Administrator compatible; OmniColor™; sRGB and 6-Axis-Colour-Control; Overdrive; Picture-in-Picture Mode; PiP/PbP; Programmable 3D LUT; Quick release Stand and Handle; Rapid Response Technology; RapidMotion; Self Diagnostics; TileComp; TileMatrix; TORO™ Design; Windows 7 compatible
Recommended Display Controllers	Selected Matrox, nVIDIA and ATI models for compatibility with GammaCompMD QA software
Warranty	3 years warranty incl. backlight
Shipping contents	Display; Continental and UK power cord; Signal Cable DVI-D to DVI-D; Multiple language quick reference guide; DisplayPort cable, VGA cable, CD-ROM with User Guides, GammaCompMD QA Client Software and approved display controller drivers
Options	Calibration instrument (MDSVSENSOR or MDSVSENSOR PRO)

* Please note: The MDview 231 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