

NEC MDview 193



NEC MDview colour displays

DICOM calibratable Display for diagnostic image viewing and PACS referral

The NEC MDview 193 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:

- Real Hardware-DICOM Calibration including Ambient Light compensation
- Quick and easy setup utilizing the factory pre-set DICOM curve
- Safe investment - Digital Uniformity Control ensures that your display will stay within the brightness uniformity guidelines
- Long distances to modalities and workstations without compromise in display quality using NEC's patented Long Cable Comp Technology

GammaCompMD Client Software compatible

see more.

NEC Display Solutions

[illegible]

Glass technology	PVA TFT glass
Screen diagonal [inch/cm]	19.0 / 48.2
Active screen area [cm]	37.6 x 30.1
Native resolution [Megapixel]	1.3
Landscape / Portrait mode [Pixel]	1280 x 1024 / 1024 x 1280 at 60 Hz
Pixel pitch [mm]	0.294 x 0.294
Contrast ratio (typ.)	1500:1
Viewing angle (H / V @ CR > 10:1)	178° / 178°
Luminance (maximum Native)	250 cd/m²
Response time (typ.) [ms]	8 (grey-to-grey), 20 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
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 - 81.1 (digital), 31.5 - 81.1 (analogue)
Vertical frequency [Hz]	50.0 - 85.0
Power consumption (max.) [W]	39
Power saving mode [W]	<1.0
Power requirements	100 - 120V/220 - 240V AC 0.63 A/0.27 A ; integrated power supply
Dimensions (W x H x D) [mm]	402.3 x 411 - 561 x 248; (landscape orientation)
Weight (including stand) [kg]	9.0
Stand features	150 mm height adjust range
Tilt	+30° / -5°
Swivel	Left to right 170° to 170°
Screen rotation	90°
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
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)



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