

2.3MP Clinical Review Display

NEC MDview 243



DICOM Calibratable 2.3 MP 24" Colour Display System for Colour Accuracy in Clinical Review.

The NEC MDview 243 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.

This display is not intended to be used for diagnostic image viewing, as it is not a medical device according to MDD 93/42/EC

Benefits

24.1" / 2 MP image resolution: 1920 x 1200 – ERROR

DICOM preset – for medical radiological review applications.

Individual factory calibrated DICOM gamma correction curve – with unique built-in “quick screen” QA check.

Precise DICOM GSDF Calibration – using internal 14 bit look-up table.

GammaCompMD QA Client Software compatible –

Specifications

Product Information

Product Name
NEC MDview 243

Product Group
2.3MP Clinical Review Display

Order Code
60003420

Display

Panel Technology
IPS TFT with W-LED backlight

Screen Size [inch/cm]
24 / 61

Pixel Pitch [mm]
0.270

Brightness (typ.) [cd/m²]
350 (peak) / 170 (calibrated)

Contrast Ratio (typ.)
1000:1

Viewing Angle [°]
178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Response Time (typ.) [ms]
8 (8 white / black; 8 black / white); 8 (grey-to-grey)

Synchronisation Rate

Horizontal Frequency [kHz]
31.5 - 93.8 and 118.4 (digital)

Vertical Frequency [Hz]
50 - 85

Resolution

Optimum Resolution
1920 x 1200 at 60 Hz

Connectivity

Digital
1 x DVI-D; 1 x HDMI

Digital/ Analog:
1 x DisplayPort

Analog
VGA

Electrical

Power Consumption on Mode [W]
17 (Eco Mode); 29 (max.)

Power Savings Mode [W]
0.5

Power Supply
0.83 A/0.47 A; 100-240 V; integrated power supply

Environmental Conditions

Operating Temperature [°C]
+5 to +35

Operating Humidity [%]
30 to 80 (non-condensing)

Ergonomics

Height adjustable stand [mm]
150

Mechanical

Dimensions (W x H x D) [mm]
556.8 x 378 - 528 x 227.6 (Landscape mode)

Weight [kg]
With stand: 10.2

VESA Mounting [mm]
100 x 100 (4 points); 200 x 100 (5 points)

Additional Features

Special Characteristics

Adjustable power LED (colour and brightness); AmbiBright; Auto Black Level; Auto Brightness; Auto Contrast; AutoBright; Backlight Ageing Correction; CableComp with Sync Continuity Detection; DDC/CI compatible; DICOM preset; Digital Uniformity Control; Direct Brightness and Contrast; EcoModes; Integrated USB Hub (2 up; 3 down); NaViSet Administrator 2; Overdrive; PiP/PbP; Programmable 3D LUT; Quick release Stand and Handle; RapidMotion; Self calibration; TileComp; TileMatrix; TORO™ Design; Windows 7 compatible

Colour Versions

Black Front Bezel, Black Back Cabinet

Cable Management

yes

Kensington security slot

yes

Plug and Play

EDID Standard; VESA DDC/CI; VESA DDC2B

Shipping Content

Approved Display Controller Drivers; CD-ROM (User Guides/ Manuals); Continental and UK power cord; Display; DisplayPort cable; GammaCompMD Client QA Software; Power Cable; Quick Reference Guide

Safety and Ergonomics

C-tick; CCC; CE; ErP; FCC Class B; ISO 9241-307 (pixel failure class I); MPR II/ MPR III; PCBC/B-mark; PCT/Gost; PSB; RoHS; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA

Warranty

3 years warranty standard, optional 5 years

Green Features

Energy Efficiency

Auto brightness; ECOMode; Intelligent power management; LED backlight technology

Ecological Materials

ECO packaging; Minimal use of harmful material

Ecological Standards

ErP compliant; RoHS compliant

* 2.3 MP (for DatasheetText)



CE



C-tick



ErP



FCC Class B



RoHS



TÜV Ergonomics



TÜV GS



MPR II/ MPR III



ME06
PCT/Gost

Medical device registration plays an important role in complying with mandatory EU regulations on the medical vigilance system. In addition, product registration ensures you receive the best after-sales support and warranty condition. Please register your NEC medical device at <https://medical.nec-display-solutions.com>

CE-MDD declaration is in accordance with the European Directive 93/42/EEC (Medical Device Directive).

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