NEC MultiSync® MD211G3

21.3” high-resolution 3MP grayscale LCD display ideal for medical imaging applications

Designed exclusively for the demanding needs of radiology and PACS, the NEC MultiSync MD211G3, a 21.3” 3-Megapixel (MP) color display, features the flexibility of a color display with image performance rivaling that of grayscale displays.

For consistent image quality the small, built-in front sensor constantly monitors and maintains brightness for optimal DICOM GSDF calibration. For non-assisted conformance, calibration and reporting functions, the sensor is capable of measuring monitor brightness, white-point and contrast response.

The full-featured stand of the MD211G3 allows you to adjust the display to your exact ergonomic preferences. In addition to tilt and swivel functionality, the display pivots between landscape and portrait orientations, and the height adjusts up to 150mm in landscape (97.3mm in portrait).

Highlights

- NEC’s SA-SFT 3MP (1536 x 2048) liquid crystal technology offers long life at high brightness without compromising contrast or viewing angles, resulting in outstanding grayscale image quality
- Digital uniformity correction reduces screen uniformity errors and compensates for differences in grayscale and luminance across the entire screen
- Small, built-in front sensor constantly monitors calibration and corrects for fluctuations of light output, maintaining the factory calibration throughout the life of the monitor
- DICOM calibrated out of the box to the grayscale display function for luminance
- 15.5-bit gamma provides for more finely detailed, high-definition rendering of color images and crisper display of even the most delicate shadings
- GammaCompMD™ QA software performs routine display configuration and ensures consistent image quality. QA Server provides computer networks with centralized control and management of multiple display systems.
- FDA 510(k) cleared for use in digital radiology applications
Achieve complete color and brightness uniformity. By nature, LCD panels contain uniformity errors, which are visible as slightly brighter or darker areas on the screen. To combat this inherent trait, each MD Series display is individually characterized during production and digital uniformity correction is applied. This technology, called ColorComp, reduces the non-uniformity to virtually unnoticeable levels and applies a digital correction to each pixel on the screen to compensate for differences in color and luminance.