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**NEC DISPLAY SOLUTIONS MD302C4 MEDICAL DIAGNOSTIC MONITOR  
BUILT ON GB-R LED BACKLIGHT, INCLUDES  
INTEGRATED FRONT SENSOR**

***Four-Megapixel 30-Inch Color Display Uses Less Power,  
Meets Rigors of Medical Applications***

**CHICAGO – November 25, 2013** – [NEC Display Solutions of America](#), a leading [provider](#) of commercial LCD display and projector solutions, announced today the availability of the MultiSync® [MD302C4](#) LCD, widescreen display for diagnostic review applications in healthcare organizations.

The 4-megapixel, 30-inch display with [IPS panel](#) is designed to provide precise color reproduction and wide viewing angles. Factory-calibrated uniformity control calibration provides accurate imaging across the screen.

Built on a GB-R LED backlight, the MD302C4 display provides a wider color gamut and more color control than a conventional white LED backlight, and consumes 44 percent less power than comparable CCFL backlights.

“The MD302C4 diagnostic display is the first in the NEC MultiSync Medical Series to include a GB-R LED backlight for reduced power consumption,” said Art Marshall, Product Manager of Professional and Medical Displays at NEC Display Solutions. “With the included front sensor, healthcare professionals, in turn, have a great tool with which to enhance their productivity and work performance.”

The MD302C4 monitor includes out-of-the-box calibration to the DICOM grayscale display function for luminance. An integrated front sensor constantly monitors and adjusts brightness to maintain the factory DICOM GSDF calibration. The MD302C4 also includes a [human presence sensor](#) that can automatically dim the screen to conserve power and display life, as well as a Quick QA function for checking DICOM conformance without a computer. The monitor's stand has four-way ergonomic functionality, including height-adjust, swivel, tilt and pivot.

In addition, the MD302C4 display offers a 1000:1 contrast ratio, 2560 x 1600 native resolution, and 180 cd/m<sup>2</sup> of calibrated brightness. Its 14-bit lookup tables provide 1,024 levels of gray out of a palette of 4,096. The display meets the needs of healthcare facilities requiring consistent and accurate medical imaging using Picture Archiving and Communication System (PACS).

The MD302C4 feature set includes:

- 30-inch IPS panel and 4-megapixel resolution with wide viewing angles
- 180 cd/m<sup>2</sup> calibrated brightness (340 cd/m<sup>2</sup> typical brightness)
- Integrated tri-stimulus (three-color) front sensor, which receives more light information than brightness-only sensors and is extremely accurate and stable
- ColorComp™ digital uniformity correction
- Factory calibrations to the DICOM grayscale function for luminance
- GammaCompMD™ QA software for worry-free calibration and conformance to the DICOM standard
- 14-bit internal lookup table (LUT), which provides for more finely detailed, high-definition rendering of color images and crisper display of even the most delicate shadings
- Integrated three port USB 2.0 hub with [DisplaySync Pro™](#), which easily connects to peripherals
- DisplayPort, Mini DisplayPort, DVI-D, and HDMI inputs
- 150mm height adjustability in landscape orientation (103mm in portrait), as well as pivot, tilt and swivel
- Medical certifications, including UL60950-1, UL60601-1 with pending FDA 510(k) clearance

- Restriction on Hazardous Substances (RoHS) compliant
- Five-year limited warranty with Advanced Overnight Exchange

The MultiSync MD302C4 is available at an estimated street price of \$3,999. The display ships with a five-year limited parts and labor warranty, including Advanced Overnight Exchange, which is one of the best warranties in the industry.

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#### **About NEC Display Solutions of America, Inc.**

Headquartered in Itasca, Ill., NEC Display Solutions of America, Inc., is a leading designer and provider of innovative desktop LCD monitors, commercial- and professional-grade large-screen LCD displays, a diverse line of multimedia and digital cinema projectors, and integrated display solutions. NEC Display Solutions develops leading-edge visual technology and customer-focused solutions for a wide variety of markets, including enterprise, healthcare, education and digital signage. For additional information about NEC Display Solutions of America products, call (866) NEC-MORE, or visit the website at [www.necdisplay.com](http://www.necdisplay.com). For digital images, please visit <http://necdisplay.com/digital-media-library>. Follow us on our social media channels: [Facebook](#), [YouTube](#), [Twitter](#) and [LinkedIn](#).

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