

# Barco press release

---

24 January 2006  
For immediate release

US contact:  
Diane M. Clifford  
Senior Marketing Manager  
Phone: +1 978 392 0303  
E-mail: [diane.clifford@barco.com](mailto:diane.clifford@barco.com)

International contact:  
Koen Helsen  
Marketing Communications Manager  
Phone: +32 56 233 579  
E-mail: [koen.helsen@barco.com](mailto:koen.helsen@barco.com)

## Barco launches cost-effective 2MP color display system for PACS viewing

**KORTRIJK, BELGIUM, 24 January 2006 – Medical imaging specialist Barco is proud to introduce a new member to its family of cost-effective PACS display systems. NIO COLOR 2MP is a flexible display system that offers clinical confidence and dependable performance for a multitude of medical imaging applications, including 3D PACS, ultrasound, orthopedic imaging, cardiology, ophthalmology, nuclear medicine and PET. Next to the superior grayscale image quality that is typical of Barco's proven NIO line, the NIO COLOR 2MP display system also offers exceptional color and 3D rendering performance. Barco's NIO COLOR 2MP display system has recently received FDA 510 (k) clearance from the U.S. Food and Drug Administration (FDA).**

NIO COLOR 2MP features a 2 MegaPixel (1600 x 1200 resolution) 20.1" color LCD, offering superior image quality under all viewing angles. NIO COLOR 2MP is optimized to display both color and grayscale medical data sets and is fully compatible with 2D and 3D applications. Barco carefully color matches the displays in every dual-head NIO COLOR 2MP display system to guarantee that the color characteristics of the displays are consistent. This allows radiologists to perform their work without distracting color differences inherent in LCD panels.

Barco's NIO COLOR 2MP comes with the high-performance BARCOMED 2MP2CFe display controller, which is especially designed to support 3D PACS. The PCI Express display controller features very fast image download speeds and optimized 3D operations through OpenGL and Microsoft DirectX 9.0. As a result, NIO COLOR 2MP is ready for the latest 3D CT, MR and PET applications.

To ensure long-term image confidence, NIO COLOR 2MP features Backlight Output Stabilization (BLOS). This technology guarantees fast power-up and continuously stabilizes the luminance output of the LCD's backlight, which significantly improves the overall consistency of the NIO COLOR 2MP display system. NIO COLOR 2MP comes with NIOWATCH, Barco's user-friendly software tool, allowing users to optimize their LCD panel in accordance with DICOM part 14 in a few easy steps. As a result, the NIO COLOR 2MP is perceptually linearized. This means that it gives the same perception of

# Barco press release

---

an image, independent of the characteristics of the display system and display controller.

Barco's new NIO COLOR 2MP display system is available for orders.

## *About Barco*

*Barco, an international company headquartered in Kortrijk, Belgium, provides visualization and display solutions for professional markets. Barco designs and develops solutions for large screen visualization, display solutions for life-critical applications, and systems for visual inspection. Barco is active worldwide and has its own facilities for Sales & Marketing, Customer Support, R&D and Manufacturing in Europe, North America and Asia Pacific. Barco is quoted on Euronext Brussels and is a BEL 20 and a Next 150 company (Euronext: BAR; Reuters: BARBt.BR; Bloomberg: BAR BB).*

© Copyright 2005 by Barco - May be reproduced by professional press only