

**BARCO NIO COLOR 2MP LED (MDNC-2221)  
2MP high-bright color display system**



**Product description:**

- Color medical display with 1600 x 1200 resolution
- Barco LED technology to unveil the subtlest details
- Front sensor for on-demand image quality checks

Nio Color 2MP LED is a 2 MegaPixel color display system with LED backlights, providing excellent image quality for confident diagnoses. Nio Color 2MP LED provides an effective display solution for a multitude of applications and modalities, including 3D PACS, 3D echo, ultrasound, orthopedic imaging, CAD, image fusion, nuclear medicine and PET.

**Confident color reading**

Equipped with high-bright LED backlights, Nio Color 2MP LED delivers excellent brightness and more shades of gray to detect subtle details more quickly. The unique front-of-screen sensor ensures you see consistent and precise images at all times for confident diagnoses.

**On-demand image quality checks**

The front-of-screen sensor on Nio Color 2MP LED, which works seamlessly with Barco's online MediCal QAWeb solution for automated Quality Assurance and on-demand calibration, makes sure you are viewing perfect DICOM images.

**An excellent investment**

The Nio Color 2MP LED is as low in power consumption as it is high in brightness. Because it uses less power, the display produces less heat and requires less cooling, which impacts maintenance and operational costs. Additionally,

the LED backlights offer a long lifetime - even at high brightness - providing an excellent return on your investment.

**Features**

- High-bright and power-efficient LED backlights
- Accurate grayscale and color rendering
- Front sensor and MediCal QAWeb for easy DICOM conformance
- High-performance 3D rendering with full 3D, OpenGL and DirectX support

**Specifications**

- Active screen size (diagonal) 540 mm (21.3")
- Active screen size (H x V) 432 x 324 mm (17.0 x 12.8")
- Aspect ratio (H:V) 4:3
- Resolution 2MP (1600 x 1200 pixels)
- Maximum luminance (panel typical) 800 cd/m<sup>2</sup>
- DICOM calibrated luminance 500 cd/m<sup>2</sup>
- Response time ((Tr + Tf)/2) (typical) 10 ms

PRODUCT SHEET

Megapixels: 2MP

Reference: -