

**BARCO NIO COLOR 3MP (MDNC-3421)  
3MP high-bright color display**



**Product description:**

- Best image quality on the market for 3MP color
- Automated Quality Assurance and calibration for stable DICOM images
- Fully-tested system solution from a single source, for ultimate peace of mind

Nio Color 3MP is a 3 megapixel high-bright color display system with LED backlights, providing excellent image quality for confident diagnoses. Its exceptional brightness (calibrated at 500 cd/m<sup>2</sup>) helps you discern even the tiniest detail - even after many years of use.

**Stable image quality, durable investment**

Using Barco's integrated front sensor, the Nio Color 3MP works perfectly with Barco's online MediCal QAWeb solution for automated Quality Assurance and calibration. QAWeb guarantees stable DICOM images throughout the display's lifetime. By default, Barco displays are equipped with a protective cover to safeguard your investment. Thanks to the high-performance LED backlights, the Nio Color 3MP requires less power, even at higher calibrated luminance. This has a positive impact on both maintenance and operational costs.

**Ultimate peace of min**

Barco is the only company that provides complete system solutions, from display and controllers to workflow tools and calibration via QAWeb. All components are covered by our full 5-year warranty. At product release, Barco extensively tests the displays compatibility with all major PACS applications.

**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: 3MP (2048 x 1536 pixels)
- Maximum luminance (panel typical): 900 cd/m<sup>2</sup>
- DICOM calibrated luminance: 500 cd/m<sup>2</sup>
- Response time (Tr + Tf) (typical): 20 ms

## PRODUCT SHEET

Megapixels: 3MP

Reference: -