

BARCO NIO COLOR 5.8MP (MDNC-6121) 5.8 MP high-bright color display



Product description:

- Designed for radiology and mammography
- High-bright, steady colors and grays
- Front sensor and MediCal QAWeb for always-on compliance

Nio Color 5MP offers super bright, color calibrated and the most detailed medical images, including mammography and breast tomosynthesis. It's how we help you improve your workflow and make more confident diagnoses.

No detail goes unnoticed

Barco's Nio Color 5MP renders excellent color and grayscale images used in general radiology as well 2D and 3D mammography. Its high brightness and high contrast ratio help you discern the most subtle image details for an accurate diagnosis. And the additional resolution allows you to fit more of the image on the screen for reduced panning and zooming.

Using Barco's integrated front sensor, the Nio Color 5MP works perfectly together with Barco's online MediCal QAWeb solution for automated Quality Assurance and calibration. QAWeb guarantees stable DICOM grayscale images and, with SteadyColor, consistent calibrated color images throughout the display's lifetime.

Work smarter

With the integrated smart features, you can easily take control and improve your productivity. SpotView™, for example, allows you to focus on an area of interest to unveil even more details. And with DimView™, auxiliary displays can be dimmed automatically so they don't interfere with your reading experience.

The Nio Color 5MP is also an excellent solution for radiologists who want to angle their desktop: it lets you choose

your preferred viewing angle and offers a highly ergonomic display configuration. It's also possible to switch between Clearbase and Bluebase viewing modes on-the-fly. Whether to suit the image type or to change reading preferences, you decide which color you want, and when.

Ultimate peace of mind

Thanks to the high-performance LED backlights, the Nio Color 5MP has a positive impact on both maintenance and operational costs. By default, Barco displays are equipped with an integrated glass cover to safeguard your investment.

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 5year warranty. At product release, Barco extensively tests the displays compatibility with all major PACS applications.

Specifications

- Active screen size (diagonal) 541 mm (21.3")
- Active screen size (H x V) 324.45 x 432.6 mm (12.77" x 17")
- Aspect ratio (H:V) 3:4 for each display in portrait mode, 3:2 overall
- Resolution 5.8 MP (2100 x 2800 pixels)
- Maximum luminance 1000 cd/m²
- DICOM calibrated luminance 600 cd/m²
- Response time ((Tr + Tf)/2) (typical) 12.5 ms

PRODUCT SHEET

Megapixels: 5,8MP

Reference: -