

Efficient detection, confident diagnoses

Nio diagnostic displays





Detect the tiniest details

Meet Barco's range of Nio diagnostic displays. Nio is a series of modern, simple and efficient medical grade displays, that offer powerful performance for either general radiology or mammography. Available in grayscale or in color, Nio displays are packed with their own dedicated and innovative features, making your image look the best it can.

Nio's high brightness and superb contrast make subtle details more visible. What's more, Uniform Luminance Technology ensures uniform brightness across the entire screen surface. This technology makes it easier for you to detect the smallest abnormalities in an image.

Accelerate your workflow

Nio has been designed to present precise and consistent images so you can provide better care for your patients. By making subtle details more noticeable more quickly, Nio also reduces windowing and leveling time so you can read more studies each day.



The benefits of QAWeb

QAWeb is Barco's solution for automated quality assurance and DICOM calibration. It's the industry's most used and trusted platform with over 150,000 displays connected.

1. Clinical confidence

Your Barco display is DICOM calibrated, remotely and automatically, without interrupting radiologist workflow.

2. Manage compliance

Configure policies that help your hospital to maintain compliance with the latest industry guidelines or local regulations.

3. In full control

QAWeb enables optimized budget and asset management of your entire display fleet.

barco.com/qaweb



Work smarter, not harder.

Barco's intuitive workflow tools have been designed to increase visibility of subtle details, improve focus during reading sessions, and accelerate workflow. It's how we help radiologists work smarter, not harder.

"SpotView can decrease errors of perception and I have found it to be helpful in maintaining my focus when scanning patterns are made difficult by distractions or eye fatigue. I have found abnormalities using SpotView even though I thought I had finished searching a case."

Dr. James Ruiz, Radiologist and Breast Imaging Specialist at Woman's Hospital in Baton Rouge

Images you can rely on

The front-of-screen sensor ensures you see reliable images at all times so you can diagnose with confidence. The sensor works together with Barco's QAWeb platform, a cloud-based solution for automated quality assurance and DICOM calibration. By constantly measuring and monitoring the display brightness, images will look accurate and consistent over time and across displays.

High return on investment

Nio's unique front-of-screen sensor enables intervention-free DICOM calibration and compliance checks on-demand, ensuring diagnostic quality at all times while minimizing the total cost of ownership.

Using power-efficient LED backlights, Nio 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 reduces maintenance and operational costs. Especially when not in use, power consumption drops to less than 0.5W.

A tested solution

Barco is the only company that provides complete system solutions, from display and controllers to workflow tools and calibration via QAWeb. At product release, Barco extensively tests the displays' compatibility with all major PACS applications.

Barco displays are proven to last longer. Rest assured and enjoy excellent, stable image quality for years on end.



About Barco Healthcare

Improving the quality and value of care are the leading priorities for healthcare professionals today. . At a time when the amount of data and demand for mobility are growing rapidly and quality and compliance regulations are becoming stricter, healthcare systems struggle to work more efficiently, and to provide personalized care to a growing number of patients in an affordable way.

Focused on transforming the delivery of care, Barco connects healthcare professionals at every patient touch point, from the imaging room, to radiology, through specialist consultations and in the surgical suite. We offer a network of medical imaging solutions that deliver the complete picture to support more informed decisions, when and where it matters most.

It's why we are considered the gold standard for medical visualization and how we are there at every stage of the patient's journey. So healthcare professionals can focus on patients' needs and, in the end, achieve the best clinical outcome.

Barco, enabling bright outcomes