

Diagnostic Flexibility at Your Fingertips with New, Versatile 12MP Diagnostic Display

22nd January 2021 – Barco, a global leader in visualisation technology, has released a new 12MP healthcare diagnostic display system for picture archiving and communication systems (PACS) and breast imaging. The Nio Fusion 12MP display is a highly topical answer to changing expectations and standards in diagnostic workstations.

The diagnostic display as office companion

Rachel Coxon, Vice President Healthcare at Barco APAC said, "Expectations of how diagnostic displays will enhance workflows are increasing among radiologists. Workstations are now expected to be able to handle all modalities, including those used for images of highly dense breast tissue. Work environments are also becoming more flexible, in response to the growing home reading trend globally, including Asia. Lightweight, flexible and long-lasting solutions are needed to fulfil the need to diagnose from the hospital, clinic or home office."

Barco's answer: Nio Fusion 12MP

The Nio Fusion has a 12MP screen resolution, which makes it suitable for multiple PACS images and breast imaging modalities including breast tomosynthesis. The Fusion design eliminates the need for multiple portrait displays or complex installations. A Keyboard-Video-Mouse (KVM) function makes it possible to attach a second workstation to the display and switch between two computers at the touch of a button, simplifying scheduling and the management of the workstation fleet.

The Nio Fusion 12MP is calibrated to meet the Digital Imaging and Communications in Medicine (DICOM) standard for greyscales, and Barco's SteadyColor™ technology guarantees consistent, calibrated colors over time. The luminance of the Nio Fusion 12MP is well above industry standard, which is further enhanced by Uniform Luminance Technology to make sure that all areas of the screen maintain the same brightness.

The Nio Fusion 12MP model is thin, lightweight and was designed to mirror people's natural field of vision to reduce head, hand and eye movements. SoftGlow™ task and wall lights, along with the Ambient Light Sensor and Compensation, also reduce eye strain and the potential for eye fatigue over time.

Nio Fusion 12MP is driven by a powerful Barco MXRT display controller, offering radiologists a set of workflow support tools, such as SpotView™ and RapidFrame™ that also greatly increase diagnostic accuracy. It has also earned Barco's Eco Product label after receiving an A+ ecoscore for enhancements in display power efficiency, the display's compact and stackable packaging and regionally adapted content that lowers carbon footprint and waste.

Rachel Coxon concludes: "CIO and PACS managers are increasingly challenged with the needs of physicians and QA staff to support the reading of complex cases while still managing budget pressures and constraints of assuring uptime and efficiency. The Nio Fusion 12MP offers a long-lasting future proof investment approved for both radiology and mammography use, simplifying fleet management and reducing investment. At the same time, it can help the QA team manage the quality and compliance effortlessly through automatic QA, assuring compliance and uptime of PACS workstations."

About Barco

Barco designs technology to enable bright outcomes around the world. Seeing beyond the image, we develop visualization and collaboration solutions to help you work together, share insights, and wow audiences. Our focus is on three core markets: Enterprise (from meeting and control rooms to corporate spaces), Healthcare (from the radiology department to the operating room), and Entertainment (from movie theaters to live events and attractions). In 2019, we realized sales of 1.083 billion euro. We have a global team of 3,600 employees, whose passion for technology is captured in 400 granted patents. For more information, visit our website, follow us on Twitter (@Barco), LinkedIn (Barco), YouTube (BarcoTV), or like us on Facebook (Barco).

For media queries, please contact:

Aashna Khurana | M: +91 9999000309 | E: aashna.khurana@barco.com

Contacts

aashna khurana
+91-9999000309
[mailto: aashna.khurana@barco.com](mailto:aashna.khurana@barco.com)