
SIIM 2014: Barco Introduces New Image-Enhancing Diagnostic Display System



Healthcare imaging specialist Barco announces the launch of its Coronis 5MP LED, a 5MP diagnostic display system for digital breast imaging.

The Coronis 5MP LED features a high-bright, low-power LED backlight and proprietary technologies to reduce screen noise, ensure continuous DICOM accuracy, and boost diagnostic luminance. By making subtle details more noticeable more quickly, Coronis 5MP LED enhances radiologist productivity and performance.

“Coronis 5MP LED combines the best features of Barco’s successful Coronis 5MP and Coronis 5MP Mammo display systems,” comments Lynda Domogalla, VP Product Marketing for Barco’s Healthcare division. “But most importantly – just like all of Barco’s new diagnostic displays – the Coronis 5MP LED has been redesigned to offer multiple clinical, operational, and financial benefits.”

Enhancing clinical performance Patented image-enhancing technologies, such as Per Pixel Uniformity™ (PPU) to remove disturbing screen noise and Barco’s I-Guard™ front-of-screen photometer, help enhance image quality for optimal breast screening. Equipped with a high-bright LED backlight, Coronis 5MP LED renders more JNDs (Just Noticeable Differences) to help radiologists see more shades of gray.

Additionally, Coronis 5MP LED now offers a higher calibrated luminance – 600 cd/m² – to increase detection of the smallest details. Thanks to the I-Luminate™ ‘hot light’ button, radiologists can temporarily boost display brightness to up to 1,200 cd/m², enabling them to see subtle details even more clearly, reducing windowing and leveling time and boosting clinical performance.

Ergonomic reading without interruptions

The new Coronis 5MP LED fits into Barco’s new family of diagnostic display systems, featuring a clean and modern design and a smaller desktop footprint for more reading comfort. Together with Barco’s MediCal QAWeb solution for enterprise-wide, automated calibration, quality assurance and asset management, maximum uptime is guaranteed.

Maximum return on investment

Above all, Barco’s new Coronis 5MP LED is an excellent investment for healthcare delivery organisations, as it increases throughput, maximises uptime, saves energy, and has an extended lifespan. Additionally, Barco’s LED backlights and cool-running display electronics produce bright light more efficiently, requiring less cooling and reducing the overall operational costs for the hospital.

[Source: Barco](#)

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