Barco clinical review displays
Consistent, calibrated images at the point of care
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Advancements in digital imaging technology have changed the way patient data is viewed and distributed in today’s healthcare facilities. Medical images, enriched with patient information, are viewed in every hospital department.

For these diverse healthcare applications, Barco has developed a full line of clinical review displays managed centrally, but located at the point of patient care, these MDRC displays support quick and confident clinical decisions, enhance hospital efficiency, and help to improve overall patient care.
Providing value-added benefits to...

Medical professionals

• Better representation of medical images thanks to high-quality LCD technology
• Consistent DICOM image quality throughout the hospital
• Improved user experience through intelligent ergonomics and multi-lingual On-Screen Display

PACS & IT Managers

• DICOM image quality ‘out-of-the-box’
• Compliance with international and regional medical safety and emission standards
• User-friendly DICOM-calibration and Quality Assurance via Barco’s MediCal QAWeb solution

Purchasing Managers

• Low capital investment: optimal balance between medical image quality and purchase cost
• Low cost-of-ownership thanks to high-quality components, power saving mode and Barco warranty
• Designed, built and supported by Barco: a trusted partner for all your medical display needs throughout the hospital

One family for all your clinical needs

MDRC-1119

2 MP 19” SCREEN COLOR DICOM

MDRC-2120

2 MP 20” SCREEN COLOR DICOM

MDRC-2124

24” SCREEN COLOR DICOM SPOTFIN

MDRC-1119 MDRC-2120 MDRC-2124
Dependable technology for everyday use

**Professional LCD quality**

Presents medical images and patient data with more accuracy, better contrast (up to 1300:1) and a wider viewing angle than conventional computer monitors.

**Approved for medical use**

Complies with international medical safety and emission standards (such as CE, UL, etc.), qualifying the display for use in every area of the hospital.

**Landscape & portrait orientation**

Allows for a desktop organization that best fits your application (clinical images, reports, patient files,...).

**Backlight Output Stabilization**

Ensures fast power-up and continuous LCD backlight stability, resulting in long-term image consistency.

**Power saving mode**

Automatically switches the display to 'sleep mode' when not being used. This results in markedly reduced energy consumption and increased lifetime of the LCD backlights.

**Multi-lingual OSD interface**

Makes it easy to change the display’s settings in your own language (English, German, Simplified & Traditional Chinese, Korean, Japanese, etc.).

**Optional protective front cover**

Protects the valuable LCD panel against damage from intensive use and allows safe and easy cleaning.

**User-friendly Quality Assurance**

Accurate DICOM-calibration and Quality Assurance thanks to the Medical QAWeb solution.

**10-bit DICOM Look-Up Table**

Turns the display into an accurate display monitor for viewing medical images.

**Optional touch screen interface**

Allows the display to be used as a user-friendly input or control device (only on MDRC-1119).

Landscape and portrait rotation to create the perfect desktop environment

Easy height adjustment

Optional protective front cover for more durability and easier cleaning
Why opt for a DICOM-compliant display?

DICOM (Digital Imaging and Communications in Medicine) is an international standard that was developed to improve the communication of digital images within radiology. This DICOM standard...

... specifies a grayscale function used to adjust the grayscale characteristics of monitors used in healthcare imaging;

... allows for PACS workstations, CT scanners, MR imagers, film digitizers, shared archives, laser printers, computers and mainframes from different suppliers to ‘talk’ to each other within a radiological environment.

Conclusion: opting for DICOM-compliant devices brings significant advantages. Not only does it ensure consistent image quality throughout the hospital, it also improves cost-effectiveness in healthcare.

Smooth and accurate grayscale palette, thanks to DICOM part 14 standard

To learn more about DICOM, download the dedicated white paper at www.barcomedical.com > downloads
Dependable image quality for every budget

Exceptional cost-efficiency
To deliver a high standard of care, quality patient images need to be available throughout the hospital. MDRC displays make this possible by offering consistent, high-grade image quality at a very affordable price.

Low cost-of-ownership
Barco’s diagnostic and surgical displays have established a solid reputation for dependability and low cost of ownership. The new line of clinical review displays is no exception. Combining high-quality components and intelligent features such as Backlight Output Stabilization and ‘power saving mode’, they ensure dependable images for many years.

One trusted partner for all your medical display needs
For almost 20 years, Barco has been a trusted technology partner, supplying solutions for diagnostic, surgical and modality imaging to healthcare providers all over the globe. Barco is able to offer display solutions to all areas of the hospital, providing you with a single point of contact for all your medical visualization needs.
Worry-free calibration and Quality Assurance

Innovative QA solution

Barco clinical review displays are bundled with an innovative QA solution. In combination with an external sensor, this ‘MediCal QAWeb’ system provides an easy-to-use tool for calibration and QA, including a full set of visual tests and compliance tests.

Furthermore, MediCal QAWeb delivers a web-based tool for remote management of all your display assets inside or outside the hospital. A smart way to reduce operating costs and get more out of your display investment.

Effortless asset management

With MediCal QAWeb centralized management of medical displays becomes truly effortless. Asset management tools provide a comprehensive overview of all workstations connected to the system and notify the right person if an asset has been removed.

Complete peace of mind

Barco has established a full network of professional customer support centers. This global support organization with a strong local presence is your guarantee for professional assistance wherever you are, whenever you need it.

Learn more about MediCal QAWeb at www.barcomedical.com/qa
More than a billion times each year, Barco display solutions help physicians make life-critical decisions. Every day, they experience that Barco provides them with uncompromised diagnostic performance.

Barco presents a full range of advanced display solutions for radiology, mammography, surgery and modality imaging, along with DICOM compliant review displays and mobile point of care devices.

Barco’s commitment to quality has earned the trust of customers from all over the world, who partner with Barco to meet their most demanding imaging challenges. This partnership approach is also reflected in Barco’s worldwide customer service network, ensuring professional support, wherever you are, whenever you need it.

Supporting healthcare professionals a billion times per year

Request more information

Europe, Middle East, Africa & Latin America
Phone: +32 56 233 557
sales.medical.eu@barco.com

North America
Phone: +1 866 302 7939
sales.medical.us@barco.com

Taiwan
Phone: +886 2 8771 0699
sales.medical.apac@barco.com

South Korea
Phone: +82 2 2175 8900
sales.medical.apac@barco.com

China
Phone: +86 21 6091 2222
sales.medical.apac@barco.com

Singapore
Phone: +65 6243 7610
sales.medical.apac@barco.com

India
Phone: +91 120 4020000
sales.medical.apac@barco.com

Australia
Phone: +61 3 9646 5833
sales.medical.apac@barco.com

Japan
Phone: +81 3 3279 0771