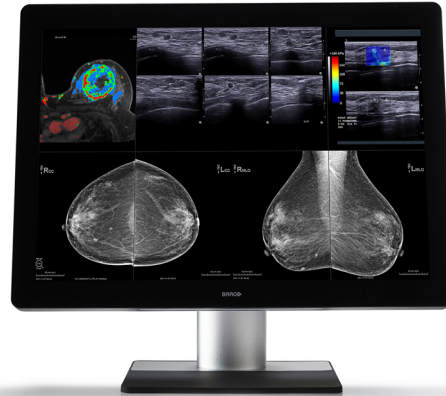


Coronis Uniti (MDMC-12133)

12MP diagnostic display system for PACS and breast imaging



- PACS and breast imaging on one display
- In grayscale and color (featuring unique color calibration!)
- With touchpad for fast control

Our Coronis Uniti display has become an indispensable asset on the desks of countless radiologists, on every continent. When first shown in 2014, it was the only display in the world that combined PACS and breast images from various modalities. Today, the Uniti's one-piece simplicity proves itself more essential than ever.

Enjoy your reading room

With Coronis Uniti, you're working with the biggest and most equipped display system that exists for general radiology and breast imaging. Experience the power of a feature-rich design and a strong engine that renders rich content, while enabling fast-paced, dynamic, and 3D medical imaging.

Diagnostic advantage

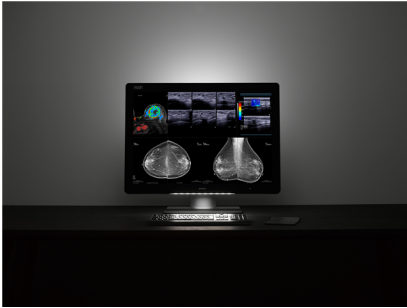
Enjoy an all-in range of technologies that guarantee razor-sharp detail, precise luminance, and excellent colors and grays.

- Enjoy working with flexibility on a large, bezel-free, 12-million-pixel screen
- Handle your cases with precision, thanks to a high calibrated luminance
- Rely on image quality that remains stable throughout your display's full lifetime

Workflow efficiency

Instead of having your work scattered across workstations, tools, and technologies, why not go for an all-in-one system?

- View a wide range of PACS & breast imaging modalities on one display



- Work with focus and speed, especially with 3D modalities
- Enjoy our range of Intuitive Workflow Tools with an MXRT display controller

Viewing comfort

The impact of a comfortable work environment is often underestimated. In the office or at home, it's important that your equipment supports and complements your surroundings.

- Enjoy reading comfort, with ambient light sensors and reduced reflection
- Maximize your workspace ergonomics, by minimizing eye fatigue and movement
- Personalize further with the Barco touchpad's adjustable hotkeys

Always a clear view

QAWeb Enterprise, free to install, offers automatic QA for regulatory compliance and helps you keep track of your Barco displays' use, via the cloud, wherever you are. Get the most out of your display fleet, in the hospital, at home, or elsewhere, and ensure best-in-class performance and optimal usage throughout your displays' lifetimes.

- Manage compliance and assure quality, from anywhere
- Simplify management of your display network
- See where you can increase efficiency in display usage and reduce costs

Technologies that enhance image quality:

- SteadyColor calibration technology, to meet the DICOM standard for grayscales and to guarantee consistent, perceptually linear color.
- Color PPU technology, to make every pixel permanently DICOM-compliant, ensuring consistent colors and grayscales.
- SmoothGray, for the best DICOM precision.
- QAWeb Enterprise, a cloud-based technology for automated calibration and Quality Assurance.
- I-Guard front sensor, to ensure 24/7 compliance to medical standards.
- DuraLight Brilliance, to deliver exceptional brightness.
- LED backlights, for efficient, long-lasting brightness.
- I-Luminate, to double the brightness – to more than 2,000 nits.

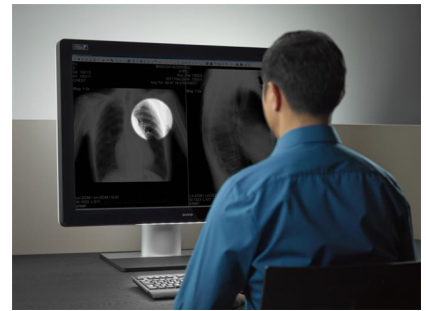
Technologies that enhance productivity:

- RapidFrame, to ensure crisp and in-focus moving images.
- Touchpad, for faster control and smooth image manipulations.
- Conference CloneView software, to project images onto the large screen with ease.
- Purpose-powered display controllers, for unmatched processing power, loading current and prior exams in no time.
- Ambient Light Compensation, for consistent images in any lighting conditions.

- A film clip, so you can use your display as a virtual light box to view film priors.

Technologies that enhance ergonomics:

- The highest resolution (12MP) on a large, bezel-free image area.
- SpotView, to focus the light on things you want to have a closer look at.
- OpticalGlass, to reduce reflection, enhance image sharpness and hence viewing comfort. Durable and scratch-resistant.
- SoftGlow task light and wall light, to reduce eye fatigue.
- Choose between Clear Base and Blue Base viewing modes on-the-fly.



PRODUCT SPECIFICATIONS**CORONIS UNITI (MDMC-12133)**

Screen technology	IPS
Active screen size (diagonal)	853.44 mm (33.6")
Active screen size (H x V)	708.1 x 472.1 mm (27.8 x 18.6")
Aspect ratio (H:V)	3:2
Resolution	12MP (4200 x 2800 pixels)
Pixel pitch	0.1686 mm
Color imaging	Yes
Gray imaging	Yes
Bit depth	30 bit
Viewing angle (H, V)	178°
Optical glass	Yes
Uniformity correction	PPU
SteadyColor Calibration	Yes
I-Luminate	Yes
Ambient Light Compensation (ALC)	Yes, reading room selection
Ambient light sensor	Yes
Backlight Output Stabilization (BLOS)	Yes
Front sensor	Yes, I-Guard
Maximum luminance	2100 cd/m ² (PPU on)
DICOM calibrated luminance	1000 cd/m ²
Contrast ratio (panel typical)	1200:1 (PPU on)
Response time ((Tr + Tf)/2) (typical)	16.5 ms
Housing color	RAL 9004 / RAL 9003
Video input signals	DisplayPort 1.2
USB ports	1x USB 2.0 upstream (endpoint) 3x USB 2.0 downstream
Power rating	24 VDC, 16.25 A; 5 VDC, 0.1 A
Power requirements	This device shall only be powered by the medical approved power supply of Efore (Roal Electronics), type RHPS390. Ratings marked on the medical approved power supply: ■ Input rating: 100-240 VAC, 5.5 A, 50/60 Hz ■ Output rating: 24 VDC, 16.25 A; 5 VDC, 0.1 A
Power consumption	190 W (nominal) < 0.5 W (hibernate)
Dimensions with stand (W x H x D)	795 x 610 x 300 mm (lowest position)
Dimensions w/o stand (W x H x D)	795 x 572 x 131 mm
Dimensions packaged (W x H x D)	960 x 715 x 395 mm
Net weight with stand	33 kg
Net weight w/o stand	23 kg
Net weight packaged	42 kg
Tilt	-5° / +30°
Swivel	-23° / +23°

PRODUCT SPECIFICATIONS**CORONIS UNITI (MDMC-12133)**

Pivot	N/A
Height adjustment range	95 mm
Mounting standard	VESA (200 x 100 mm & 100 x 100 mm)
Screen protection	Protective, non-reflective glass cover
Recommended modalities	All digital images, including digital mammography and breast tomosynthesis
Certifications	FDA 510(K) K151505 for General Radiology CE1639 (Medical Device) CCC (China), KC (Korea), Inmetro (Brazil), BIS (India), NOM (Mexico), EAC (Russia, Kazakhstan, Belarus, Armenia and Kyrgyzstan) Safety specific: IEC 60950-1:2005 + A1:2009 EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013 IEC 60601-1:2005 + A1:2012 EN 60601-1:2006 + A1:2013 + A12:2014 ANSI/AAMI ES 60601-1:2005 + R1:2012 CAN/CSA C22.2 No. 60601-1:14 EMI specific: IEC 60601-1-2:2014 (ed4) EN 60601-1-2:2015 (ed4) FCC part 15 Class B ICES-001 Level B VCCI (Japan) Environmental: China Energy Label, EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive
Supplied accessories	User Guide Quick Installation Sheet System Sheet Video cables Main cables USB 2.0 cable External power supply Film clip Barco Touchpad
Optional accessories	None
QA software	QAWeb
Warranty	5 years, including 40000 hours backlight warranty
Operating temperature	0°C to +35°C (+20°C to +30°C within spec)
Storage temperature	-20°C to +60°C
Operating humidity	20% -85% (non-condensing)
Storage humidity	20% -85% (non-condensing)
Operating pressure	70 kPa minimum
Storage pressure	50 to 106 kPa

Last updated: 29 Aug 2022

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.