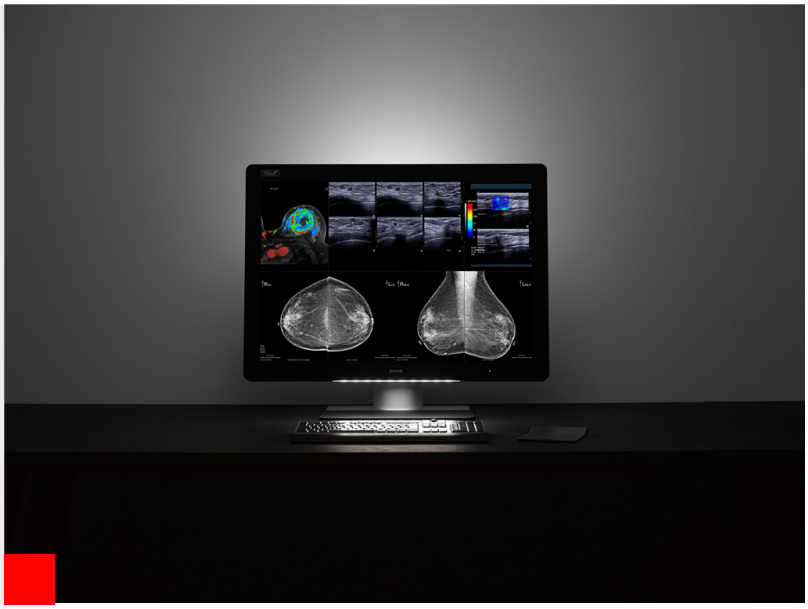
Coronis Uniti (MDMC-12133)

12MP diagnostic display system for PACS and breast imaging



The only display for PACS and breast imaging

Meet Coronis Uniti^{TM}. The only display explicitly designed for both PACS and breast imaging. Unique in its representation of calibrated color and grayscales. Remarkable in its 2D and 3D capabilities. Capable of both static and dynamic imaging. Together, these features will forever change the way you work.

Unify your workflow

Coronis Uniti^{TM} delivers the first unified workflow – combining PACS and breast images on one workstation. It's the solution that replaces all display configurations, eliminating the need for a multi-head display set-up or to move to another workstation to view additional exams.

· Combines PACS and breast images on one workstation
· Pushes productivity
· Speeds up reading sessions

BARCO

Visibly yours

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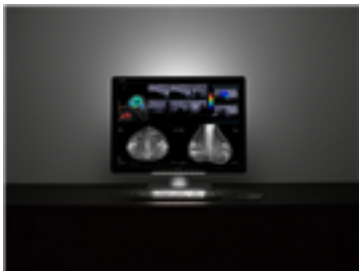
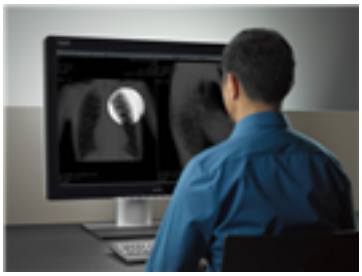


See what you haven't seen before

Everything you see on the big, 12 MegaPixel screen is sharp and precise. That's because every Coronis Uniti™ display is calibrated to meet the DICOM standard for grayscales and to guarantee consistent, perceptually linear color – an industry first.

· Features unique color calibration
· Fits more images on one display
· Reduces the need for panning and zooming
· Ensures uniform images at all times
· Unveils the smallest details
· Ensures automated QA and calibration



Get used to being comfortable

Coronis Uniti™ was designed with ergonomics in mind, mirroring a human's natural field of vision to optimize your reading experience:

· Reduces reflection
· Enhances image sharpness
· Reduces eye fatigue
· Limits head, hand, and eye movements
· Increases reading comfort

Get more bang for your buck

A universal radiology display, Coronis Uniti™ is a one-time investment that will last a lifetime.

· Helps you see more patients per day
· Simplifies control and management of the display network
· Leads to major reductions in display cost

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	4200 x 2800
Pixel pitch	0.1686 mm
Color imaging	Yes
Gray imaging	Yes
Color support	Yes
Viewing angle (H, V)	178°, CR >= 10
Uniform Luminance Technology (ULT-LED)	Color PPU
Per Pixel Uniformity (PPU-LED)	Yes, in color
Ambient Light Compensation (ALC)	Yes
Backlight Output Stabilization (BLOS)	Yes
I-Guard	Yes
Maximum luminance	> 2100 cd/m² (PPU on)
DICOM calibrated luminance (PPU on)	1000 cd/m²
Contrast ratio (dark reading room, typical)	1200:1 (PPU on)
Response time (Tr + Tf)	< 33 ms
Scanning frequency (H; V)	25 - 85 Hz
Housing color	RAL 9004 + RAL 9003
Video input signals	DP1.2
USB ports	4 (1 upstream, 3 downstream)
USB standard	2.0
Power requirements (nominal)	100 - 240 V
Power consumption (nominal)	190W
Power save mode	Yes
Power management	VESA DPMS
Dot clock	195 MHz
OSD languages	English, German, French, Dutch, Italian, Spanish, Portuguese, Swedish,Chinese (simplified), Japanese, Korean, Arabic, Polish, Russian
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	24 kg
Net weight packaged with stand	42 kg
Height adjustment range	95 mm
Tilt	-5° / +30°
Swivel	-23° / +23°
Pivot	N/A
Mounting standard	VESA (200 x 100 mm & 100 x 100 mm)
Screen protection	Protective, non-reflective glass cover
Recommended modalities	Radiology, mammography and digital breast tomosynthesis

Product specifications	Coronis Uniti (MDMC-12133)
Certifications	IEC 60950-1:2005 + C1:2006 + A1:2009 + C1:2012 + A2:2013, EN60601-1:2007 + A11:2011, IEC 60601-1:2005 + A1:2012, ANSI/AAMIES 60601-1:2005 + A1:2012, CAN/CSA C22.2 No. 60601-1:2014IEC 60601-1-2:2007, EN 60601-1-2: 2007 + AC: 2010, FCC Class B,ICES-001 Class B
Supplied accessories	User Guide Quick Installation Sheet Video cables (2 x DisplayPort) Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC)) USB 2.0 cable External power supply Film clip MultiTouchPad
Optional accessories	None
QA software	QAWeb
Units per pallet	6
Pallet dimensions (W x H)	1000 x 1200
Warranty	5 years, 40k hours backlight warranty
Operating temperature	+0°C / +35°C
Storage temperature	-20°C / +60°C
Operating humidity	20% - 85% RH
Storage humidity	5% - 85% RH
Operating altitude	max. 3000 m