

# Coronis Uniti (MDMC-12133)

12MP diagnostic display system for PACS and breast imaging



## The only display for PACS and breast imaging

Meet Coronis Uniti™. 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™ 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.

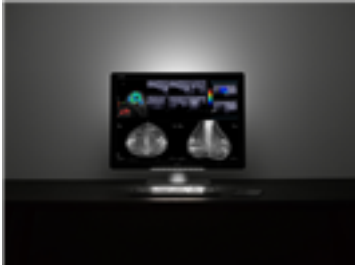
- Combines PACS and breast images on one workstation
- Pushes productivity
- Speeds up reading sessions

**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)**

<b>Screen technology</b>	IPS
<b>Active screen size (diagonal)</b>	853.44 mm (33.6")
<b>Active screen size (H x V)</b>	708.1 x 472.1 mm (27.8 x 18.6")
<b>Aspect ratio (H:V)</b>	3:2
<b>Resolution</b>	4200 x 2800 (optionally 2x 5MP)
<b>Pixel pitch</b>	0.1686 mm
<b>Color imaging</b>	Yes
<b>Gray imaging</b>	Yes
<b>Color support</b>	Yes
<b>Viewing angle (H, V)</b>	178°, CR >= 10
<b>Uniform Luminance Technology (ULT-LED)</b>	Color PPU
<b>Per Pixel Uniformity (PPU-LED)</b>	Yes, in color
<b>Ambient Light Compensation (ALC)</b>	Yes
<b>Backlight Output Stabilization (BLOS)</b>	Yes
<b>I-Guard</b>	Yes
<b>Maximum luminance</b>	> 2100 cd/m <sup>2</sup> (PPU on)
<b>DICOM calibrated luminance (PPU on)</b>	1000 cd/m <sup>2</sup>
<b>Contrast ratio (dark reading room, typical)</b>	1200:1 (PPU on)
<b>Response time (Tr + Tf)</b>	< 33 ms
<b>Scanning frequency (H; V)</b>	25 - 85 Hz
<b>Housing color</b>	RAL 9004 + RAL 9003
<b>Video input signals</b>	DP1.2
<b>USB ports</b>	4 (1 upstream, 3 downstream)
<b>USB standard</b>	2.0
<b>Power requirements (nominal)</b>	100 - 240 V
<b>Power consumption (nominal)</b>	190W
<b>Power save mode</b>	Yes
<b>Power management</b>	VESA DPMS
<b>Dot clock</b>	195 MHz
<b>OSD languages</b>	English, German, French, Dutch, Italian, Spanish, Portuguese, Swedish, Chinese (simplified), Japanese, Korean, Arabic, Polish, Russian
<b>Dimensions with stand (W x H x D)</b>	795 x 610 x 300 mm (lowest position)
<b>Dimensions w/o stand (W x H x D)</b>	795 x 572 x 131 mm
<b>Dimensions packaged (W x H x D)</b>	960 x 715 x 395 mm
<b>Net weight with stand</b>	33 kg
<b>Net weight w/o stand</b>	24 kg
<b>Net weight packaged with stand</b>	42 kg
<b>Height adjustment range</b>	95 mm
<b>Tilt</b>	-5° / +30°
<b>Swivel</b>	-23° / +23°
<b>Pivot</b>	N/A
<b>Mounting standard</b>	VESA (200 x 100 mm & 100 x 100 mm)
<b>Screen protection</b>	Protective, non-reflective glass cover
<b>Recommended modalities</b>	Radiology, mammography and digital breast tomosynthesis

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<b>Certifications</b>	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
<b>Supplied accessories</b>	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
<b>Optional accessories</b>	None
<b>QA software</b>	QAWeb
<b>Units per pallet</b>	6
<b>Pallet dimensions (W x H)</b>	1000 x 1200
<b>Warranty</b>	5 years, 40k hours backlight warranty
<b>Operating temperature</b>	+0°C / +35°C
<b>Storage temperature</b>	-20°C / +60°C
<b>Operating humidity</b>	20% - 85% RH
<b>Storage humidity</b>	5% - 85% RH
<b>Operating altitude</b>	max. 3000 m