

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

Coronis Uniti. 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.

A ecolabel for Coronis Uniti

The Coronis Uniti has been subjected to Barco's ecoscoring protocol and has received an A rating. Some key factors that contributed to this rating are:

- Level VI external power supply, energy efficient active, standby and off modes
- Automatic standby mode when device is not in use
- 100% halogen-free plastics, >50% halogen-free cables
- Use of recycled cardboard in packaging (>85% recycled content), design optimized for standard pallets
- Enclosure uses plastics compatible for recycling

Please consult your Barco representative or distributor in your country or territory to confirm availability. A reference to any product or service on this site does not imply that such product is or will be available in your location.

Product specifications

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General specifications

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 (panel typical)	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: <ul style="list-style-type: none"> 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°
Pivot	N/A
Height adjustment range	95 mm
Mounting standard	VESA (200 x 100 mm & 100 x 100 mm)
Screen protection	Protective, anti-reflective optical glass
Recommended modalities	All digital images, including digital mammography and breast tomosynthesis

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Certifications	<p>CE0123 (Medical Device)</p> <p>FDA 510(K) K151505 for General Radiology, Digital Mammography and Breast Tomosynthesis, Breast MRI, Breast US, CT, and Ultrasound including Vascular and Gynecological US</p> <p>CCC (China), KC (Korea), Inmetro (Brazil), BIS (India), NOM (Mexico), EAC (Russia, Kazakhstan, Belarus, Armenia and Kyrgyzstan)</p> <p>Safety specific:</p> <p>IEC 60950-1:2005 + A1:2009</p> <p>EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013</p> <p>IEC 60601-1:2005 + A1:2012</p> <p>EN 60601-1:2006 + A1:2013 + A12:2014</p> <p>ANSI/AAMI ES 60601-1:2005 + R1:2012</p> <p>CAN/CSA C22.2 No. 60601-1:14</p> <p>EMI specific:</p> <p>IEC 60601-1-2:2014 (ed4)</p> <p>EN 60601-1-2:2015 (ed4)</p> <p>FCC part 15 Class B</p> <p>ICES-001 Level B</p> <p>VCCI (Japan)</p> <p>Environmental:</p> <p>China Energy Label, EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive</p>
Supplied accessories	<p>User Guide</p> <p>Quick Installation Sheet</p> <p>System Sheet</p> <p>Video cables</p> <p>Main cables</p> <p>USB 2.0 cable</p> <p>External power supply</p> <p>Film clip</p> <p>Barco Touchpad</p>
Optional accessories	<p>None</p>
QA software	<p>QAWeb</p>
Warranty	<p>5 years, including 40000 hours backlight warranty</p>
Operating temperature	<p>0°C to +35°C (+20°C to +30°C within spec)</p>
Storage temperature	<p>-20°C to +60°C</p>
Operating humidity	<p>20% -85% (non-condensing)</p>
Storage humidity	<p>20% -85% (non-condensing)</p>
Operating pressure	<p>70 kPa minimum</p>
Storage pressure	<p>50 to 106 kPa</p>

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