

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.

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**CORONIS UNITI (MDMC-12133)**

| 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° |

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, anti-reflective optical glass |
| Recommended modalities | All digital images, including digital mammography and breast tomosynthesis |
| Certifications | <p>CE0123 (Medical Device) FDA 510(K) K151505 for General Radiology, Digital Mammography and Breast Tomosynthesis, Breast MRI, Breast US, CT, and Ultrasound including Vascular and Gynecological US CCC (China), KC (Korea), Inmetro (Brazil), BIS (India), NOM (Mexico), EAC (Russia, Kazakhstan, Belarus, Armenia and Kyrgyzstan)</p> <p>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</p> <p>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)</p> <p>Environmental: China Energy Label, EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive</p> |
| Supplied accessories | <p>User Guide Quick Installation Sheet System Sheet Video cables Main cables USB 2.0 cable External power supply Film clip Barco Touchpad</p> |
| 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: 07 May 2024

© 2018 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.