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.

BARCO

Ambient Light Compensation (ALC)Yes, reading room selectionAmbient light sensorYesBacklight Output Stabilization (BLOS)YesFront sensorYes, I-GuardMaximum luminance (panel typical)2100 cd/m² (PPU on)DICOM calibrated luminance1000 cd/m²Contrast ratio (panel typical)1200 1 (PPU on)Response time (Tr + Tfl/2) (typical)16.5 msHousing colorRAL 9004 / RAL 9003Video input signalsDisplayPort 1.2USB ports12.0 downstreamPower rating24 VDC, 16.25 A, 5 VDC, 01 APower requirementsThis device shall only be powered by the medical approved power supply of Efore (Roal Electronics), type RHP5390. Ratings araked on the medical approved power supply of Efore (Roal Electronics), Uppe RHP5390. Ratings araked on the medical approved power supply of Efore (Roal Electronics), Uppe RHP5390. Ratings araked on the medical approved power supply of Efore (Roal Electronics), Uppe RHP5390. Ratings marked on the medical approved power supply of Efore (Roal Electronics), Uppe RHP5390. Ratings marked on the medical approved power supply of Efore (Roal Electronics), Uppe RHP5390. Ratings marked on the medical approved power supply: 	Product specifications	CORONIS UNITI (MDMC-12133)
Active screen size (bilgonal)853 44 mm (23.6)Active screen size (H × VI7091 x 4721 mm (27.8 x 18.0)Aspect ratio (HV)52Resolution12MP (4200 x 2800 puells)Puel pitch0.1080 mmColor imagingYesBidopth30 bitViewing angle (H, V)17h*Optical glassYesScadyColor CalibrationYesScadyColor CalibrationYesAmbient Light Componisation (ALC)Yes, reading room selectionAmbient Light Componisation (ALC)Yes, reading room selectionAmbient Light componisation (ALC)Yes, reading room selectionAmbient Light selectionYesContrast ratio (panel typical)2100 cd/m² PFU on)Beckingt Couput Stabilization (BLOS)YesFront sensorYesContrast ratio (panel typical)200 cd/m² PFU on)Beckingt Couput Stabilization (BLOS)YesContrast ratio (panel typical)200 cd/m² PFU on)Beckingt Couput Stabilization (BLOS)YesBeckingt Couput Stabilization (BLOS)YesDir Ord clibrated Imminance1000 cd/m²Beckingt Couput Stabilization (BLOS)YesBeckingt Couput Stabilization (BLOS)YesDir Ord clibrated Imminance1000 cd/m²Beckingt Couput Stabilization (BLOS)YesDir Ord stabilization (BLOS)YesBeckingt Couput Stabilization (BLOS)YesDir Stabilization (BLOS)YesDir Stabilization (BLOS)YesDir Stabilization (BLOS)Yes <th>General specifications</th> <th></th>	General specifications	
Active screen size (H XV) 7081 x 4721 mm 127.8 x 38.61° Aspect ratio (H V) 3.2 Readuition 12MP (420.0 x 280.0 pixel.) Pheal pitch 0.156 mm Cotor imaging Yes Gray imaging Yes Weiwing angle (H, V) 3.2 mm Optical glass Yes Optical glass Yes Uniformity correction PPU Steady-Color Calibration Yes Ambient Light Compensation (ALC) Yes Huminance (annel typical) Yes Backlight Output Stabilization (BLOS) Yes Matient Light Compensation (ALC) Yes, reading room selection Ambient Light Compensation (ALC) Yes, reading room selection Anbient Light Compensation (BLOS) Yes Backlight Output Stabilization (BLOS) Yes Response time (IT+ Th/Pz) (typical) 120.01 (PPU on) Response time (IT+ Th/Pz) (typical) 120.01 (PPU on) Response time (IT+ Th/Pz) (typical) 126.5 m is Housing color PL Yes (S2.4 S YDC, 0.1.4 Power rating 24 YoC, 16.2.5 A S YDC, 0.1.4 <th>Screen technology</th> <th>IPS</th>	Screen technology	IPS
Appect ratio (H/V) 3.2 Resolution 12MP (4200 x 2800 pixels) Pixel pitch 0.1666 mm Color imaging Yes Gay imaging Yes Bit depth 30 bit Uniformity correction PPU StadyColor Calibration Yes Mathematication Yes Ambient light Compensation (ALC) Yes, reading room selection Ambient light Compensation (ALC) Yes Backlight Outputs Stabilization (BLOS) Yes Fort sensor Yes Contrast ratio (panel typical) 2100 cd/m² Contrast ratio (panel typical) 200 cd/m² Stabilization (the vision ambient light the medical approved power supply of Efore (Roal Electronics), type Hirtsread Stabilization (the vision ambient light the medical approved power supply of Efore (Roal Electronics), type Hirtsread Stabilization (the vision ambient light the medical approved power supply of Efore (Roal Electronics), type Hirtsread Stabilization (twi x H x D)	Active screen size (diagonal)	853.44 mm (33.6°)
Resolution 12MP (4200 x 2900 pixels) Pixel pitch 0.1686 mm Color imaging Yes Gray imaging Yes Bit depth 30 bit Viewing angle (H, V) 176* Optical glass Yes Uniformity correction PDU SteadyColor Calibration Yes Liminate Yes Ambient Light Compensation (ALC) Yes, reading room selection Ambient Light Compensation (BLOS) Yes Backlight Output Stabilization Yes Maximum fuminance (panet typical) 1200 cd/m² (PU on') DICOM calibrated luminance 1000 cd/m² Contrast ratio (panet typical) 1200 cd/m² DisplayPort 1.2 USB 2.0 downstream View input ration (PM CC) 126.5 x 5 VCC. 0.1 A Power requirements 195 VI (Poil angle VIC) Stabip ports 2.0 USB 2.0 downstream Power requirements 195 VI (Poil angle VIC) Stabip ports 2.0 USB 2.0 downstream Power requirements 195 VI (Poil angle VIC) Stabip 2.0 downstream	Active screen size (H x V)	708.1 x 472.1 mm (27.8 x 18.6")
Phet pitch 0.1686 mm Color imaging Yes Gray imaging Yes Bit depth 30 bit Vexing angle (H, V) 378* Optical glass Yes Uniformity correction PPU StadpColor Calibration Yes Additional (ALC) Yes Anbient Light Compensation (ALC) Yes Ambient Light Compensation (ALC) Yes Backlight Output Stabilization (BLOS) Yes Backlight Output Stabilization (BLOS) Yes Maximum luminance (panel typical) 1000 cdm ⁴ (PPU on) DICOM calibrated luminance 1000 cdm ⁴ Resolution (Yes (Yes (Yes (Yes (Yes (Yes (Yes (Yes	Aspect ratio (H:V)	3:2
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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 Compensation (ALC) Yes Backlight Output Stabilization (BLOS) Yes Backlight Output Stabilization (BLOS) Yes Contrast ratio (panel typical) 2000 cd/m² (PPU on) DICOM calibrated luminance 1000 cd/m² Contrast ratio (panel typical) 155 ms Housing color RAL 9004 / RAL 9003 Video input signals DisplayPort 12 USB ports tk USB 2.0 cownstream Power rating 24 VDC; (152 ch; 10 OU VAC; 55 A; 50/C0 Hz - Output rating: 100-240 VAC; 55 A; 50/C0 Hz - Output rating: 100-240 VAC; 55 A; 50/C0 Hz - Output rating: 100-240 VAC; 55 A; 50/C0 Hz	Pixel pitch	0.1686 mm
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Optical glass Yes Uniformity correction PPU SteadyColor Calibration Yes I-Luminate Yes Ambient Light Compensation (ALC) Yes, reading room selection Ambient Light Compensation (ALC) Yes Backlight Output Stabilization (BLOS) Yes Backlight Output Stabilization (BLOS) Yes Backlight Output Stabilization (BLOS) Yes DicoM calibrated luminance 1000 cd/m² Contrast ratio (panel typical) 2100 cd/m² DicoM calibrated luminance 1000 cd/m² Contrast ratio (panel typical) 1200 1 (PPU on) Response time (ITr + Tfi/2) (typical) 16.5 ms Housing color RAL 9004 / RAL 9003 Video input signals DisplayPort 12 USB ports 1x USB 20 upstream (endpoint) 3x USB 20 downativem Power rating 24 VDC 1.62 SA 15 VDC 0.1 A Power requirements This device shall only be powered by the medical approved power supply of Efore (Roal Electronics), type RHPS300. Power consumption 190 W (nominal) < 0.5 W (hibernate) Dimensions with stand (W x H x D) 795 x 610 x 300 mm (lowest posit	Bit depth	30 bit
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Dimensions packaged (W x H x D)960 x 715 x 395 mmNet weight with stand33 kgNet weight w/o stand23 kgNet weight packaged42 kgTilt-5° / +30°	Dimensions with stand (W x H x D)	795 x 610 x 300 mm (lowest position)
Net weight with stand 33 kg Net weight w/o stand 23 kg Net weight packaged 42 kg Tilt -5° / +30°	Dimensions w/o stand (W x H x D)	795 x 572 x 131 mm
Net weight w/o stand 23 kg Net weight packaged 42 kg Tilt -5° / +30°	Dimensions packaged (W x H x D)	960 x 715 x 395 mm
Net weight packaged 42 kg Tilt -5° / +30°	Net weight with stand	33 kg
Tilt -5° / +30°	Net weight w/o stand	23 kg
	Net weight packaged	42 kg
Swivel -23° / +23°	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	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)
	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

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