

Coronis Fusion 4MP (MDCC-4330)

4MP multimodality diagnostic display system



- **Color fusion display for flexible multimodality imaging**
- **With toolset to boost productivity**
- **Automated QA and calibration**

A pleasure for your eyes

Coronis Fusion 4MP features an exclusive LCD panel with the latest IPS technology, offering best-in-class image quality. Its high brightness and high contrast ratio help unveil the subtlest of details so you can make the most accurate diagnosis. Its large 30" screen real estate, wide aspect ratio, and full ACR compliance make this display the perfect fit for diagnostic imaging.

Boost your productivity

Coronis Fusion 4MP comes with smart features that enhance control and productivity. Unique SpotView™ technology allows you to boost the luminance in a region of interest while dimming the surrounding image area so you can focus on more details more efficiently. Like all of Barco's medical display systems, Coronis Fusion 4MP comes with MediCal QAWeb, a cloud-based technology for automated calibration and Quality Assurance to ensure maximum uptime of the display with no need for human intervention.

Designed with ergonomics in mind

With Barco's Coronis Fusion 4MP, switching between workstations becomes a thing of the past. Especially designed for multimodality imaging, this diagnostic display combines CT, MR, orthopedic images, or any other combination on a single screen – for an uninterrupted workflow. You can use the single-head workstation as two bezel-free heads or as one wide-screen workspace. The choice is yours. Its widescreen, ergonomic form factor, wide viewing angle, and DimView™ feature (to automatically dim auxiliary displays) have been designed for the way you work and help you focus on the smallest image details.

A one-stop-shop solution

Barco medical displays include proprietary display controllers that are validated with the latest workstations and with all major PACS applications. All components are under the full 5-year warranty (including the display backlight) for complete peace of mind.

Product specificaties**CORONIS FUSION 4MP (MDCC-4330)****General specifications**

Schermt technologie	IPS-TFT color LCD
Actief schermformaat (diagonaal)	773 mm (30.4")
Formaat actief scherm (H x V)	655 x 410 mm (25.8 x 16.1")
Beeldverhouding (H:V)	16:10
Resolutie	Native 4MP (2560 x 1600) Configurable to 2 x 2MP+ (1280 X 1600) Configurable to 2 x 2MP (1200 X 1600)
Pixelpitch	0.256 mm
Beeldkleur	Yes
Grijsbeeldvorming	Yes
Bit depth	30 bit
Kijkhoek (H, V)	178°
Uniform Luminance Technology (ULT)	Color PPU
Omgevingslichtcompensatie (OLC)	Yes, reading room selection
Ambient light sensor	Yes
Backlight Output Stabilization Technology (BLOS)	Yes (2x)
Voorsensor	I-Guard
Maximale luminantie (paneel standaard)	1050 cd/m ²
DICOM-gekalibreerde luminescentie	600 cd/m ²
Contrastverhouding (paneel standaard)	1500:1
Reactietijd (stijgtijd + valtijd) (standaard)	18 ms
Kleur behuizing	Black/Silver
Video-ingangssignalen	DVI-D Dual Link (2x), DisplayPort (2x)
USB-poorten	1x USB 2.0 upstream (endpoint) 3x USB 2.0 downstream
Voedingsvereisten	External power supply (100-240 Vac, 50-60 Hz)
Energieverbruik	100 W (nominal) @ calibrated luminance of 600 cd/m ² 64 W (nominal) @ calibrated luminance of 400 cd/m ² < 0.5 W (standby)
OSD-talen	English, German, French, Dutch, Spanish, Italian, Portuguese, Polish, Russian, Swedish, Chinese (simplified), Japanese, Korean, Arabic
Afmetingen met standaard (B x H x D)	Portrait: N/A Landscape: 731 x 528~628 x 259 mm
Afmetingen zonder standaard (B x H x D)	Portrait: N/A Landscape: 731 x 485 x 140 mm
Afmetingen verpakt (B x H x D)	800 x 700 x 300 mm
Nettogewicht met standaard	20.5 kg
Nettogewicht zonder standaard	14 kg
Nettogewicht verpakt	27.5 kg (without accessories)
Kanteling	-5° to +25°

Product specificaties**CORONIS FUSION 4MP (MDCC-4330)**

Zwenking	-30° to +30°
Roteren	N/A
Hoogteregelbereik	100 mm
Montagestandaard	VESA (100 mm)
Bescherming van het scherm	Protective, anti-reflective glass cover
Aanbevolen procedures	All digital images, except digital mammography
Certificeringen	FDA 510(K) K143157 for General Radiology CE1639 (MDD 93/42/EEC; A1:2007/47/EC class IIb product) CCC (China), KC (Korea), PSE (Japan), Inmetro (Brazil), BIS (India), 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
Meegeleverde accessoires	User Guide Quick Install Sheet Documentation disc System disc Video cables Mains cables (UK, European (CEBEC/KEMA), USA (UL/ CSA; adaptor plug NEMA 5-15P), Chinese (CCC)) USB cable External power supply
Optionele accessoires	Graphics board Touch pad
Software voor kwaliteitsgarantie	MediCal QAWeb
Garantie	5 years, including 40000 hrs backlight warranty
Bedrijfstemperatuur	0 °C to 35 °C (15 °C to 30 °C within specs)
Opslagtemperatuur	-20°C to 60°C
Vochtigheid in bedrijf	8% to 80% (non-condensing)
Vochtigheid bij opslag	5% to 85% (non-condensing)
Bedrijfsdruk	70 kPa minimum
Opslagdruk	50 to 106 kPa

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