

Coronis Fusion 4MP (MDCC-4230)

4MP diagnostic color display system



The first-ever Fusion display on the market and already in its 4th generation. That's Coronis Fusion 4MP. This multi-modality diagnostic display system comes with clever image-enhancing features, boosting productivity and viewing ergonomics.

Redesigned to push productivity

Coronis Fusion 4MP features the latest exclusive IPS-Pro LCD technology, bringing perfect images under any viewing angle to ensure a screen area that is 100% ACR compliant. It also offers uniformity correction on the pixel level (PPU) to eliminate screen noise. Add to this the brighter calibrated luminance, and you'll be able to see subtle details quicker, requiring less zooming and panning when reading images.

To further boost productivity, Coronis Fusion 4MP comes with some of Barco's unique productivity tools. With stunning SpotView™ technology, you can focus the light on lesions or abnormalities that require extra attention. And DimView™ automatically dims the auxiliary displays used for patient worklists or dictation, so you can keep your focus on the details that really matter.

A pleasure for your eyes

The latest design is smarter and lighter to match the ergonomics of your reading room and to allow for easy display manipulation. What's more, reflection of the front glass has been further reduced, which is exactly how Coronis Fusion 4MP helps reduce eye strain.

With I-MST (Intelligent Multi Sensor Technology), front-of-screen, backlight, ambient light and temperature sensors work together seamlessly to optimize image quality and to keep it consistent over time.

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. They also include seamlessly integrated technologies and features to boost functionality and performance.

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.

Product specificaties**CORONIS FUSION 4MP (MDCC-4230)****General specifications**

Schermt technologie	TFT AM Color LCD Dual Domain IPS-Pro
Actief schermformaat (diagonaal)	756 mm (29.8")
Formaat actief scherm (H x V)	641 x 401 mm (25.2 x 15.8")
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	0.2505 mm
Beeldkleur	Yes
Grijsbeeldvorming	Yes
Kleurondersteuning	30 bit
Kijkhoek (H, V)	178°
Uniform Luminance Technology (ULT)	Yes
Per Pixel Uniformity (PPU-LED)	Yes (color PPU)
Omgevingslichtcompensatie (OLC)	Yes
Backlight Output Stabilization Technology (BLOS)	Yes (2x)
I-Guard	Yes
Maximale luminantie	750 cd/m ²
DICOM-gekalibreerde luminantie (ULT uit)	500 cd/m ²
Contrastverhouding (donkere leesruimte, standaard)	1200:1 (panel typical)
Reactietijd (stijgtijd + valtijd)	20 ms
Kleur behuizing	Black / silver
Video-ingangssignalen	DVI-D Dual Link (2x), DisplayPort (2x)
Video-in-/uit-contacten	NA
USB-poorten	1 upstream (endpoint), 3 downstream
USB-standaard	2.0
Voedingsvereisten (nominaal)	100-240V
Stroomverbruik (nominaal)	105W
Energiebesparingsmodus	Yes
Energiebeheer	DVI-DMPM, DP-DMPM
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: NA Landscape: 731 x 580~676 x 265 mm
Afmetingen zonder standaard (B x H x D)	Portrait: NA Landscape: 731 x 485 x 141 mm

Product specificaties**CORONIS FUSION 4MP (MDCC-4230)**

Afmetingen verpakt (B x H x D)	869 x 764 x 400 mm
Nettogewicht met standaard	21.5 kg
Nettogewicht zonder standaard	15 kg
Nettogewicht verpakt met standaard	30.5 kg
Nettogewicht verpakt zonder standaard	NA
Hoogterebereik	95 mm
Kanteling	-5° / +25°
Zwenking	-45° / +45°
Roteren	NA
Montagestandaard	VESA (100 mm)
Bescherming van het scherm	Protective, non-reflective glass cover
Aanbevolen procedures	CT, MR, US, DR, CR, NM, Film
Certificeringen	CE0120 (MDD 93/42/EEC; A1:2007/47/EC class IIb product), CE -2004/108/EC, IEC 60950-1:2005 + A1:2009, EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013, IEC 60601-1:2005, ANSI/AAMI ES 60601-1:2005 + C1:2009 + A2:2010, CAN/CSA C22.2 No. 60601-1 (2008), EN 60601-1:2006 + A11:2011, EN 60601-1-2:2007, CCC -GB9254-2008 + GB4943.1-2011 + GB17625.1-2012, KCC, VCCI, FCC class B, ICES-001 Level B, FDA 510(k), RoHS
Meegeleverde accessoires	User Guide Quick Install Sheet Video cables (2 x DVI Dual Link, 2 x DisplayPort) Mains cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC)) Documentation CD System CD USB 2.0 cable External power supply
Optionele accessoires	None
Software voor kwaliteitsgarantie	MediCal QAWeb
Aantal per pallet	NA
Palletafmetingen (B x H)	NA
Garantie	5 years
Bedrijfstemperatuur	0°C to 35°C (15°C to 30°C within specs)
Opslagtemperatuur	-20°C to 60°C
Vochtigheid in bedrijf	8% -80% (non-condensing)
Vochtigheid bij opslag	5% -95% (non-condensing)
Bedrijfshoogte	3000 m

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