

# Coronis Fusion 4MP (MDCC-4430)

4MP multimodality diagnostic display system



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

## **A brighter diagnosis**

Coronis Fusion, Barco's renowned multi-modality display for radiologists, now comes in a new, energy-efficient and lightweight design. Bright on so many levels, Coronis Fusion has been designed to help radiologists provide care with confidence.

See more details quickly thanks to the high brightness, high contrast ratio and best-in-class image quality. What's more, the wide color gamut in combination with SteadyColor™ calibration technology helps you see even more colors and more details on the 30-inch screen.

## **Smart workflow**

Designed for your comfort and to boost productivity, Coronis Fusion comes with smart image-enhancing features and clinical workflow tools. The display's wide viewing angle combined with the SoftGlow™ task and wall light help reduce eye strain. Thanks to SpotView™, a proven clinical tool, radiologists can further improve detection accuracy as well as reading productivity.

## **Effortless quality & compliance**

Like all of Barco's medical display systems, Coronis Fusion comes with QAWeb, a cloud-based technology for automated calibration, Quality Assurance and compliance to ensure maximum uptime of the display with no need for human intervention.

## **A one-stop-shop solution**

Barco medical display systems include exclusive 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.

**ESPECIFICACIONES TÉCNICAS****CORONIS FUSION 4MP (MDCC-4430)**

Tecnología de visual	IPS
Tamaño de pantalla activa (diagonal)	772 mm (30.4")
Tamaño de pantalla activa (H x V)	655 x 410 mm (25.8 x 16.1")
Relación de aspecto (H:V)	16:10
resolución	Native 4MP (2560 x 1600 pixels) Configurable to 2 x 2MP+ (1280 x 1600 pixels) Configurable to 2 x 2MP (1200 x 1600 pixels)
paso de pixel	0.256 mm
Imágenes en color	Yes
Imágenes en gris	Yes
Profundidad de bits	30 bit
Ángulo de visión (H, V)	178°
Corrección de la uniformidad	Color PPU
Colores estables	Yes, with graphics board and QAWeb
SoftGlow Ambient Lighting	Yes
Ajustes predefinidos de luz ambiente	Yes, reading room selection
Sensor de luz ambiente	Yes
Sensor frontal	Yes, I-Guard
Luminancia máxima (panel típico)	1050 cd/m <sup>2</sup>
Luminancia calibrada DICOM	600 cd/m <sup>2</sup>
Relación de contraste (panel típico)	2000:1
Tiempo de respuesta ((Tr + Tf)/2) (típico)	18 ms
Color de la carcasa	Black / White
Señales de entrada de vídeo	2x DisplayPort 1.2
Señales de salida de vídeo	1x DisplayPort (MST)
Puertos USB	1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream 1x USB 2.0 downstream with high-power charging functionality
Calificación de potencia	100-240 Vac, 50/60 Hz, 3.6-1.6 A
consumo de potencia	75 W (nominal) @ calibrated luminance of 600 cd/m <sup>2</sup> < 0.5 W (hibernate) < 0.5 W (standby)
Dimensiones con pie (An x Al x P)	714 x 524~624 x 240 mm
Dimensiones sin pie (An x Al x P)	714 x 478 x 74 mm
Dimensiones embalaje (An x Al x P)	800 x 650 x 290 mm
Peso neto con pie	17.7 kg
Peso neto sin pie	13.1 kg
Peso neto embalado	22.3 kg (without optional accessories)
Inclinación	-5° to +25°
Eje giratorio	-30° to +30°
Pivote	N/A
Rango de ajuste de altura	100 mm
Montaje estándar	VESA (100 mm)

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Protección de la pantalla	Protective, anti-reflective glass cover
Modalidades recomendadas	All digital images, except digital mammography
Certificaciones	FDA 510(k) K191845 for General Radiology Pending CE1639 (MDD 93/42/EEC; A1:2007/47/EC class IIb product) CCC (China), KC (Korea), PSE (Japan), BIS (India), BMSI (Taiwan), EAC (Russia, Kazakhstan, Belarus, Armenia and Kyrgyzstan) Pending  Safety specific: IEC 60950-1:2005 + A1:2009 Pending EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013 Pending 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. 60601-1:2014  EMI specific: IEC 60601-1-2:2014 (ed.4) EN 60601-1-2:2015 (ed.4) FCC part 15 Class B ICES-001 Level B VCCI (Japan) Pending  Environmental: China Energy Label, EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive
Accesorios suministrados	User guide Documentation disc System sheet Video cables Mains cables USB cable
Accesorios opcionales	Graphics board Touch pad
Software QA	QAWeb
Garantía	5 years, including 40000 hrs backlight warranty
Temperatura operativa	0 °C to 35 °C (15 °C to 30 °C within specs)
Temperatura de almacenamiento	-20 °C to 60 °C
humedad de trabajo	20% to 85% (non-condensing)
humedad de almacenaje	20% to 85% (non-condensing)
Presión de funcionamiento	70 kPa minimum
Presión de almacenamiento	50 to 106 kPa

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Las especificaciones técnicas pueden estar sujetas a cambios sin previo aviso. Consulte [www.barco.com](http://www.barco.com) para obtener la información más actual.