

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.

TECHNISCHE DATEN**CORONIS FUSION 4MP (MDCC-4430)**

Bildschirmtechnologie	IPS
Aktive Bildschirmgröße (diagonal)	772 mm (30.4")
Aktive Bildschirmgröße (H x V)	655 x 410 mm (25.8 x 16.1")
Bildseitenverhältnis (H:V)	16:10
Auflösung	Native 4MP (2560 x 1600 pixels) Configurable to 2 x 2MP+ (1280 x 1600 pixels) Configurable to 2 x 2MP (1200 x 1600 pixels)
Pixelabstand	0.256 mm
Farb-Bildgebung	Yes
Graustufen-Bildgebung	Yes
Bittiefe	30 bit
Sichtwinkel (H, V)	178°
Uniformity Correction	Color PPU
Konstante Farbe	Yes, when used as system with MXRT-x600 display controller, using Barco driver 10.171.1.0 or later and with QAWeb Enterprise 2.2 or later.
SoftGlow Ambient Lighting	Yes
Umgebungslichtvoreinstellungen	Yes, reading room selection
Umgebungslichtsensor	Yes
Sensor an der Vorderseite	Yes, I-Guard
Maximale Luminanz (paneltypisch)	1050 cd/m ²
DICOM-kalibrierte Leuchtstärke	600 cd/m ²
Kontrastverhältnis (paneltypisch)	2000:1
Reaktionszeit ((Tr + Tf)/2) (typisch)	18 ms
Gehäusefarbe	Black / White
Videoeingangssignale	2x DisplayPort 1.2
Videoausgangssignale	1x DisplayPort (MST)
USB-Anschlüsse	1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream 1x USB 2.0 downstream with high-power charging functionality
Nennleistung	100-240 Vac, 50/60 Hz, 3.6-1.6 A
Stromverbrauch	75 W (nominal) @ calibrated luminance of 600 cd/m ² < 0.5 W (hibernate) < 0.5 W (standby)
Abmessungen samt Ständer (B x H x T)	714 x 524-624 x 240 mm
Abmessungen ohne Ständer (B x H x T)	714 x 478 x 74 mm
Abmessungen, verpackt (B x H x T)	800 x 650 x 290 mm
Nettogewicht mit Ständer	17.7 kg
Nettogewicht ohne Ständer	13.1 kg
Nettogewicht mit Verpackung	22.3 kg (without optional accessories)
Neigung	-5° to +25°
Drehung	-30° to +30°
Schwenkung	N/A
Höhenanpassungsbereich	100 mm

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Halterungsstandard	VESA (100 mm)
Bildschirmschutz	Protective, anti-reflective glass cover
Empfohlene Modalitäten	All digital images, except digital mammography
Zertifizierungen	<p>FDA 510(k) K191845 for General Radiology 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</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. 60601-1:2014</p> <p>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</p> <p>Environmental: China Energy Label, EU RoHS, China RoHS, REACH, Canada Health, WEEE, Packaging Directive</p>
Geliefertes Zubehör	User guide Documentation disc System sheet Video cables Mains cables USB cable
Optionales Zubehör	Display controller Touch pad
QS-Software	QAWeb
Gewährleistung	5 years, including 40000 hrs backlight warranty
Betriebstemperatur	0 °C to 35 °C (15 °C to 30 °C within specs)
Lagerungstemperatur	-20 °C to 60 °C
Luftfeuchtigkeit bei Betrieb	20% to 85% (non-condensing)
Luftfeuchtigkeit bei Lagerung	20% to 85% (non-condensing)
Betriebsdruck	70 kPa minimum
Speicherdruck	50 to 106 kPa

Generiert am: 04 Nov 2019

Die angegebenen Informationen und Daten sind typisch für das beschriebene Gerät. Jede Spezifikation kann sich aber ohne vorherige Ankündigung ändern. Die aktuelle Version dieser Broschüre finden Sie unter www.barco.com.