

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.

SPÉCIFICATIONS TECHNIQUES**CORONIS FUSION 4MP (MDCC-4430)**

Technologie de l'écran	IPS
Taille active de l'écran (diagonale)	772 mm (30.4")
Taille active de l'écran (H x V)	655 x 410 mm (25.8 x 16.1")
Rapport d'aspect (H:V)	16:10
Résolution	Native 4MP (2560 x 1600 pixels) Configurable to 2 x 2MP+ (1280 x 1600 pixels) Configurable to 2 x 2MP (1200 x 1600 pixels)
Pas des pixels	0.256 mm
Imagerie en couleur	Yes
Imagerie en niveaux de gris	Yes
Profondeur de couleur	30 bit
Angle de vision (h/v)	178°
Correction de l'uniformité	Color PPU
Couleurs stables	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
Présélections de luminosité ambiante	Yes, reading room selection
Capteur de luminosité ambiante	Yes
Capteur frontal	Yes, I-Guard
Luminance maximale (type pour le panneau)	1050 cd/m ²
Luminance étalonnée DICOM	600 cd/m ²
Rapport de contraste (type pour le panneau)	2000:1
Temps de réponse ((Tr + Tf)/2) (type)	18 ms
Couleur du boîtier	Black / White
Signaux vidéo en entrée	2x DisplayPort 1.2
Signaux vidéo en sortie	1x DisplayPort (MST)
Ports USB	1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream 1x USB 2.0 downstream with high-power charging functionality
Puissance nominale	100-240 Vac, 50/60 Hz, 3.6-1.6 A
Consommation	75 W (nominal) @ calibrated luminance of 600 cd/m ² < 0.5 W (hibernate) < 0.5 W (standby)
Dimensions avec support (l x H x P)	714 x 524~624 x 240 mm
Dimensions sans support (l x H x P)	714 x 478 x 74 mm
Dimensions emballé (l x H x P)	800 x 650 x 290 mm
Poids net support compris	17.7 kg
Poids net sans support	13.1 kg
Poids net emballé	22.3 kg (without optional accessories)
Inclinaison	-5° to +25°
Orientation	-30° to +30°
Pivot	N/A
Plage de réglage en hauteur	100 mm

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Norme de montage	VESA (100 mm)
Protection de l'écran	Protective, anti-reflective glass cover
Modalités recommandées	All digital images, except digital mammography
Certifications	<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>
Accessoires fournis	User guide Documentation disc System sheet Video cables Mains cables USB cable
Accessoires en option	Display controller Touch pad
Logiciel d'assurance qualité	QAWeb
Garantie	5 years, including 40000 hrs backlight warranty
Température de fonctionnement	0 °C to 35 °C (15 °C to 30 °C within specs)
Température de stockage	-20 °C to 60 °C
Humidité (fonctionnement)	20% to 85% (non-condensing)
Humidité (stockage)	20% to 85% (non-condensing)
Pression de fonctionnement	70 kPa minimum
Pression de stockage	50 to 106 kPa

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Les spécifications techniques sont susceptibles d'être modifiées sans préavis. Veuillez consulter les dernières informations disponibles sur www.barco.com.