

# Coronis Fusion 6MP LED (MDCC-6430)

6MP diagnostic color display system



## A pleasure for your eyes

Barco's Coronis Fusion 6MP 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

This display system 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 6MP 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.

**BARCO**

Visibly yours

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### Designed with ergonomics in mind

With Coronis Fusion 6MP, 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.

*This product is not yet commercially available in the United States.*



**Product specifications****Coronis Fusion 6MP LED (MDCC-6430)**

<b>Screen technology</b>	IPS-TFT color LCD
<b>Active screen size (diagonal)</b>	772 mm (30.4")
<b>Active screen size (H x V)</b>	654 x 409 mm (25.8 x 16.1")
<b>Aspect ratio (H:V)</b>	16:10
<b>Resolution</b>	Native 6MP (3280 x 2048) Configurable to 2 x 3MP+ (1640 X 2048) Configurable to 2 x 3MP (1536 X 2048)
<b>Pixel pitch</b>	0.1995 mm
<b>Color imaging</b>	Yes
<b>Gray imaging</b>	Yes
<b>Color support</b>	30 bit
<b>Viewing angle (H, V)</b>	178°
<b>Per Pixel Uniformity (PPU-LED)</b>	Yes (color PPU)
<b>Ambient Light Compensation (ALC)</b>	Yes
<b>Backlight Output Stabilization (BLOS)</b>	Yes (2x)
<b>I-Guard</b>	Yes
<b>Maximum luminance</b>	1050 cd/m <sup>2</sup>
<b>DICOM calibrated luminance</b>	600 cd/m <sup>2</sup>
<b>Contrast ratio (dark reading room, typical)</b>	1500:1 (panel typical)
<b>Response time (Tr + Tf)</b>	18 ms
<b>Housing color</b>	Black / silver
<b>Video input signals</b>	DVI-D Dual Link (2x), DisplayPort (2x)
<b>Video inout terminals</b>	NA
<b>USB ports</b>	1 upstream (endpoint), 3 downstream
<b>USB standard</b>	2.0
<b>Power requirements (nominal)</b>	100-240V
<b>Power consumption (nominal)</b>	100W @ calibrated luminance of 600 cd/m <sup>2</sup> 64W @ calibrated luminance of 400 cd/m <sup>2</sup>
<b>Power save mode</b>	Yes (less than 0.5W)
<b>Power management</b>	DVI-DMPM, DP-DMPM
<b>OSD languages</b>	English, German, French, Dutch, Spanish, Italian, Portuguese, Polish, Russian, Swedish, Chinese (simplified), Japanese, Korean, Arabic
<b>Dimensions with stand (W x H x D)</b>	Portrait: NA Landscape: 731 x 528-628 x 259 mm
<b>Dimensions w/o stand (W x H x D)</b>	Portrait: NA Landscape: 731 x 485 x 140 mm
<b>Dimensions packaged (W x H x D)</b>	800 x 700 x 300 mm
<b>Net weight with stand</b>	20.5 kg
<b>Net weight w/o stand</b>	14 kg
<b>Net weight packaged with stand</b>	27.5 kg (without Display controller or Touch pad)
<b>Net weight packaged w/o stand</b>	NA
<b>Height adjustment range</b>	96 mm
<b>Tilt</b>	-5° / +25°
<b>Swivel</b>	-30° / +30°
<b>Pivot</b>	NA

<b>Product specifications</b>	<b>Coronis Fusion 6MP LED (MDCC-6430)</b>
<b>Mounting standard</b>	VESA (100 mm)
<b>Screen protection</b>	Protective, glass cover with anti-reflective coating
<b>Recommended modalities</b>	CT, MR, US, DR, CR, NM, PET
<b>Certifications</b>	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
<b>Supplied accessories</b>	User Guide Quick Install Sheet Documentation CD System CD 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)) USB 2.0 cable External power supply
<b>Optional accessories</b>	Graphics board, touch pad
<b>QA software</b>	MediCal QAWeb
<b>Units per pallet</b>	NA
<b>Pallet dimensions (W x H)</b>	NA
<b>Warranty</b>	5 years, including 40.000 hrs backlight warranty
<b>Operating temperature</b>	0°C to 35°C (15°C to 30°C within specs)
<b>Storage temperature</b>	-20°C to 60°C
<b>Operating humidity</b>	8% - 80% (non-condensing)
<b>Storage humidity</b>	5% - 93% (non-condensing)
<b>Operating altitude</b>	3000 m