Coronis Fusion 6MP (MDCC-6530 Option CN)

6MP diagnostic color display system

- **Color fusion display for flexible multimodality imaging**

- **With toolset to spark 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 Enterprise, 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.

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Product specifications	CORONIS FUSION 6MP (MDCC-6530 OPTION CN)
General specifications	
Screen technology	IPS
Active screen size (diagonal)	772 mm (30.4")
Active screen size (H x V)	654 x 409 mm (25.8 x 16.1")
Aspect ratio (H:V)	16:10
Resolution	Native 6MP (3280 x 2048 pixels) Configurable to 2 x 3MP+ (1640 x 2048 pixels) Configurable to 2 x 3MP (1536 x 2048 pixels)
Pixel pitch	0.1995 mm
Color imaging	Yes
Gray imaging	Yes
Bit depth	30 bit
Viewing angle (H, V)	178°
SteadyColor Calibration	Yes, when used as system with MXRT-x600 display controller or later, using Barco MXRT driver 10.184.2.2 or later and with the latest version of QAWeb Enterprise.
Ambient light presets	Yes, reading room selection
Ambient light sensor	Yes
Front sensor	Yes, I-Guard
Maximum luminance (panel typical)	1050 cd/m²
DICOM calibrated luminance	600 cd/m²
Contrast ratio (panel typical)	2000:1
Response time ((Tr + Tf)/2) (typical)	18 ms
Housing color	Black / White
Video input signals	2x DisplayPort 1.2
Video output signals	1x DisplayPort (MST)
USB ports	1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream 1x USB 2.0 downstream with high-power charging functionality
Power rating	100-240 Vac, 50/60 Hz, 3.6-1.6 A
Power consumption	80 W (nominal) @ calibrated luminance of 600 cd/m² < 0.5 W (hibernate) < 0.5 W (standby)
Dimensions with stand (W x H x D)	714 x 524~624 x 240 mm
Dimensions w/o stand (W x H x D)	714 x 478 x 74 mm
Dimensions packaged (W x H x D)	800 x 650 x 295 mm
Net weight with stand	16.3 kg
Net weight w/o stand	11.7 kg
Net weight packaged	20.9 kg (without optional accessories)
Tilt	-5° to +25°
Swivel	-30° to +30°
Pivot	N/A
Height adjustment range	100 mm
Mounting standard	VESA (100 mm)

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Recommended modalities	All digital images, except digital mammography
Certifications	CCC (China) Safety specific: GB 4943.1-2011 EMI specific: GB 17625.1-2012, GB/T 9254-2008 Environmental: China Energy Label, China RoHS, WEEE
Supplied accessories	User guide System sheet Video cables Mains cables USB cable
QA software	QAWeb
Warranty	5 years, including 40000 hrs backlight warranty
Operating temperature	0 °C to 35 °C (10 °C to 30 °C within specs)
Storage temperature	-20 °C to 60 °C
Operating humidity	20% to 85% (non-condensing)
Storage humidity	20% to 85% (non-condensing)
Operating pressure	70 kPa minimum
Storage pressure	50 to 106 kPa

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ENABLING BRIGHT OUTCOMES

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