

Coronis Fusion 6MP (MDCC-6530)

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

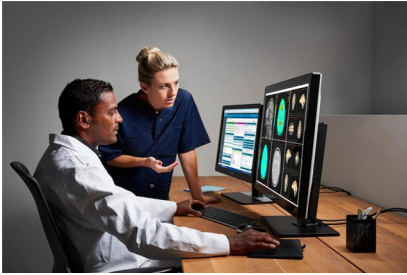
Designed for your comfort and to boost productivity, Coronis Fusion comes with smart image-enhancing features and workflow tools. The display's wide viewing angle combined with the SoftGlow™ task and wall light help reduce eye strain. Thanks to SpotView, radiologists can further improve detection accuracy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



Ensuring diagnostic confidence with MDR Class IIa

Our radiology displays are MDR-certified as Class IIa. Their product information has been reviewed and cleared by independent medical and technical experts, and is audited yearly. In other words, we ensure diagnostic confidence and peace of mind for our users.

Models

- MDCC-6530: includes protective, anti-reflective glass cover
- MDCC-6530 NC: without cover

Product specifications

CORONIS FUSION 6MP (MDCC-6530)

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° |
| Uniformity correction | Color PPU |
| SteadyColor | Yes, when used as system with MXRT-x600 display controller or later, using Barco MXRT driver 10.171.1.0 or later and with QAWeb Enterprise 2.2 or later. |
| Ambient light presets | Yes, reading room selection |
| Ambient light sensor | Yes |
| Front sensor | Yes, I-Guard |
| Maximum luminance (panel typical) | 1050 cd/m ² |
| DICOM calibrated luminance | 600 cd/m ² |
| 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/m ² < 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 | MDCC-6530: 17.7 kg MDCC-6530 NC: 16.3 kg |
| Net weight w/o stand | MDCC-6530: 13.1 kg MDCC-6530 NC: 11.7 kg |
| Net weight packaged | MDCC-6530: 22.3 kg (without optional accessories) MDCC-6530 NC: 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) |
| Screen protection | MDCC-6530: Protective, anti-reflective glass cover MDCC-6530 NC: No glass cover |
| Recommended modalities | All digital images, except digital mammography |

Product specifications

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| Certifications | <div>FDA 510(k) K191845 CE0123 (Medical Device) CCC (China) INMETRO (Brazil -Prodcut numbers K9301636B(1X), K9301638B(1X) KC (Korea) BIS (India) EAC (Russia, Kazakhstan, Belarus, Armenia and Kyrgyzstan) Safety specific: IEC 60950-1:2005 + A1:2009+A2:2013 EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013 IEC 62368-1:2018 EN IEC 62368-1:2020 + A11:2020 IEC 60601-1:2005+A1:2012+A2:2020 EN 60601-1:2006 + A1:2013 + A12:2014+A2:2021 AAMI ES 60601-1:2005 + A1:2012+A2:2021 CAN/CSA C22.2 No. 60601-1:2014 (Reaffirmed 2022) EMI specific: IEC 60601-1-2:2014+A1:2020 (ed.4.1) EN 60601-1-2:2015+A1:2021 (ed.4.1) FCC part 15 Class B ICES-001 Level B VCCI (Japan) Environmental: EU RoHS China RoHS REACH Canada Health WEEE Packaging Directive</div> |
| Supplied accessories | <div>User guide Documentation disc System sheet Video cables Mains cables USB cable</div> |
| Optional accessories | <div>Graphics board Touch pad</div> |
| QA software | <div>QAWeb</div> |
| Warranty | <div>5 years, including 40000 hrs backlight warranty</div> |
| Operating temperature | <div>0 °C to 35 °C (10 °C to 30 °C within specs)</div> |
| Storage temperature | <div>-20 °C to 60 °C</div> |
| Operating humidity | <div>20% to 85% (non-condensing)</div> |
| Storage humidity | <div>20% to 85% (non-condensing)</div> |
| Operating pressure | <div>70 kPa minimum</div> |
| Storage pressure | <div>50 to 106 kPa</div> |

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