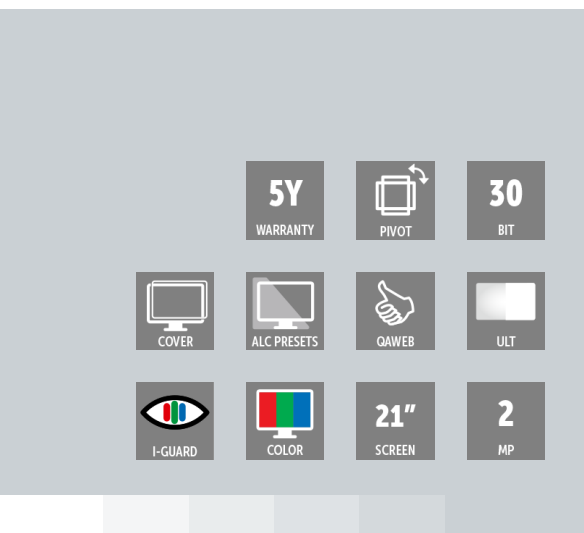


# Coronis Color 2MP (MDCC-2121)

2 MegaPixel premium diagnostic color display system



## Unmatched color accuracy

With the dedicated Coronis Color 2MP display system, Barco brings diagnostic confidence and dependable performance to the visualization of color-enhanced modalities. The versatile Coronis Color 2MP is a multi-modality display system that complies with the industry's most stringent medical approvals. It presents radiologists with an effective visualization solution for a broad range of color applications.

## Grayscale technology perfected

Building on proven technology, Barco's Coronis Color 2MP provides ultimate precision and performance. The advanced 10-bit architecture ensures accurate image representations with 1024 simultaneous shades of gray out of a palette of 4096.

## Transparent calibration and Quality Assurance

The Coronis Color 2MP is bundled with MediCal QAWeb for automated calibration and QA, ensuring continuous diagnostic quality and maximum uptime of your workstation. MediCal QAWeb allows you to continue diagnoses while automated QA checks are being executed. The system also includes a secure online web service for remote, centralized image quality management.

## Worry-free DICOM compliance under all lighting conditions

The integrated I-Guard continually guards and adjusts the luminance output of the diagnostic viewing area. Combined with the MediCal QAWeb software, the patented I-Guard brings fast and easy calibrations, automatic Quality Assurance testing and remote diagnoses of the display.

The intelligent Ambient Light Compensation (ALC) system assures that the Coronis Color 2MP remains DICOM compliant under all lighting conditions by adapting their brightness relative to the ambient light conditions.

**The Coronis Color 2MP display system includes**

- A 2 MegaPixel color flat panel display
- MediCal QAWeb software for automated calibration and Quality Assurance
- A high-speed, high-performance display controller: check the compatibility matrix

**PRODUCT SPECIFICATIONS****CORONIS COLOR 2MP (MDCC-2121)**

|                                       |  |
|---------------------------------------|--|
| Screen technology                     | TFT AM Color LCD Dual Domain IPS-Pro   |
| Active screen size (diagonal)         | 541 mm (21.3")   |
| Active screen size (H x V)            | 432 x 324 mm (17.0 x 12.8")  |
| Aspect ratio (H:V)                    | 4:3  |
| Resolution                            | 2MP (1600 x 1200)  |
| Pixel pitch                           | 0.2700 mm  |
| Color imaging                         | Yes  |
| Gray imaging                          | No   |
| Color support                         | 30 bit   |
| Viewing angle (H, V)                  | 170°   |
| Uniformity Technology                 | Yes  |
| Per Pixel Uniformity (PPU)            | No   |
| Ambient Light Compensation (ALC)      | Yes  |
| Backlight Output Stabilization (BLOS) | Yes  |
| I-Guard                               | Yes  |
| Maximum luminance                     | 700 cd/m <sup>2</sup>  |
| DICOM calibrated luminance (ULT off)  | 300 cd/m <sup>2</sup>  |
| Contrast ratio (ULT off)              | 1100:1   |
| Response time (Tr + Tf)               | 17 ms  |
| Video input signals                   | DVI-D Dual Link  |
| USB ports                             | 1 upstream (endpoint), 3 downstream  |
| USB standard                          | 2.0  |
| Power consumption (nominal)           | 54W  |
| Power save mode                       | Yes  |
| Dimensions with stand (W x H x D)     | Portrait: 381 x 567~667 x 285 mm<br>Landscape: 449 x 513~613 x 285 mm  |
| Dimensions w/o stand (W x H x D)      | Portrait: 381 x 489 x 99 mm<br>Landscape: 489 x 381 x 99 mm  |
| Net weight with stand                 | 15.1 kg  |
| Mounting standard                     | VESA (100 mm)  |
| Screen protection                     | Protective, non-reflective glass cover   |
| Recommended modalities                | CT, MR, US, DR, CR, NM, Film   |
| Certifications                        | UL 60601-1 1ST EDITION, CAN/CSA-C22.2 NO. 601.1-M90, UL 60950-1 1ST EDITION, CSA C22.2 NO. 60950-1-03 1ST EDITION, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1ST EDITION, CE -89/336/EEC, CE -93/42/EEC, DEMKO -EN 60601-1, CCC -GB9254-2008 + GB4943-2001 + GB17625.1-2003, ICES-001 level B, BSMI, KETI, VCCI, FCC class B, FDA 510K, RoHs |
| Supplied accessories                  | Getting Started Guide<br>Quick-Installation Sheet<br>Video cable (DVI Dual Link)<br>Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC))<br>USB 2.0 cable<br>External power supply  |
| Optional accessories                  | Barco Diagnostic Medical LCD Display Dual Head Stand   |
| QA software                           | MediCal QAWeb  |
| Warranty                              | 5 years  |

Last updated: 24 Feb 2021

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.