

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 specificaties

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General specifications	
Schermt technologie	TFT AM Color LCD Dual Domain IPS-Pro
Actief schermformaat (diagonaal)	541 mm (21.3")
Formaat actief scherm (H x V)	432 x 324 mm (17.0 x 12.8")
Beeldverhouding (H:V)	4:3
Resolutie	2MP (1600 x 1200)
Pixelpitch	0.2700 mm
Beeldkleur	Yes
Grijsbeeldvorming	No
Kleurondersteuning	30 bit
Kijkhoek (H, V)	170°
Uniform Luminance Technology (ULT)	Yes
Per Pixel Uniformity (PPU)	No
Omgevingslichtcompensatie (OLC)	Yes
Backlight Output Stabilization Technology (BLOS)	Yes
I-Guard	Yes
Maximale luminantie	700 cd/m²
DICOM-gekalibreerde luminantie (ULT uit)	300 cd/m²
Contrastverhouding (ULT uit)	1100:1
Reactietijd (stijgtijd + valtijd)	17 ms
Video-ingangssignalen	DVI-D Dual Link
USB-poorten	1 upstream (endpoint), 3 downstream
USB-standaard	2.0
Stroomverbruik (nominaal)	54W
Energiebesparingsmodus	Yes
Afmetingen met standaard (B x H x D)	Portrait: 381 x 567~667 x 285 mm Landscape: 449 x 513~613 x 285 mm
Afmetingen zonder standaard (B x H x D)	Portrait: 381 x 489 x 99 mm Landscape: 489 x 381 x 99 mm
Nettogewicht met standaard	15.1 kg
Montagestandaard	VESA (100 mm)
Bescherming van het scherm	Protective, non-reflective glass cover
Aanbevolen procedures	CT, MR, US, DR, CR, NM, Film
Certificeringen	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
Meegeleverde accessoires	Getting Started Guide Quick-Installation Sheet Video cable (DVI Dual Link) Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC)) USB 2.0 cable External power supply
Optionele accessoires	Barco Diagnostic Medical LCD Display Dual Head Stand
Software voor kwaliteitsgarantie	MediCal QAWeb
Garantie	5 years

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