Coronis Color 2MP (MDCC-2121)

2 MegaPixel premium diagnostic color display system

























Coronis Color 2MP is a flexible color display system with a resolution of 1600x1200 for accurate diagnosis in a variety of medical applications. Typical application areas include PACS imaging, color ultrasound, 3D visualization, orthopedic imaging, cardiology, nuclear medicine, PET-CT fusion, etc.

Unmatched color accuracyWith 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.



Technical specifications

Active screen size (diagonal) Active screen size (H x V) Aspect ratio (HxY) Aspect ratio	Server technology	TET AM Color ICD Dual Domain IPS-Pro
Active screen size (H x V) 432 x 324 mm (17.0 x 12.8") Aspect ratio (H:V) 43 Aspect ratio (H:V) 43 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° Uniform turninance Technology (ULT) Yes Per Pixel Uniformity (PPU) No Ambient Light Compensation (ALC) Yes Backlight Output Stabilization (BLOS) Yes I-Guard Yes Maximum luminance 700 cd/m² Contrast ratio (ULT off) 1100-1 Response time (T+*Tf) 17 ms Video input signals UVI D Dual Link USB ports 1 upstream (endpoint), 3 downstream USB standard 2.0 Power consumption (nominal) 54W Power save mode Yes Dimensions w/o stand (W x H x D) Portral: 381 x 567~667 x 285 mm Indiscape: 449 x 313~567 x 285 mm Landscape: 449 x 313~613 x 285 mm	Screen technology	
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Dimensions with stand (W x H x D)	Video input signals	DVI-D Dual Link
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Power save mode Dimensions with stand (W x H x D) Portrait: 381 x 567~667 x 285 mm Landscape: 449 x 513~613 x 285 mm Portrait: 381 x 489 x 99 mm Landscape: 489 x 381 x 99 mm 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, EC 60601-1 2ND ED-1988 + A1:1991 + A2:1995, IEC 60950-1:2001 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 - G89254-2008 + G84943-2001 + G817625.1-2003, ICES-001 level B, BSMI, KETI, VCCI, FCC class B, FDA 510K, ROHs Supplied accessories 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 Optional accessories Barco Diagnostic Medical LCD Display Dual Head Stand	USB standard	2.0
Dimensions with stand (W x H x D) Portrait: 381 x 567~667 x 285 mm Landscape: 449 x 513~613 x 285 mm Portrait: 381 x 489 x 99 mm 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 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 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 Optional accessories Barco Diagnostic Medical LCD Display Dual Head Stand	Power consumption (nominal)	54W
Dimensions w/o stand (W x H x D) Portrait: 381 x 489 x 99 mm 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 (22.2 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 Quick-Installation Sheet Video cable (DVI Dual Link) Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-1SP), Chinese (CCC)) USB 2.0 cable External power supply Optional accessories Barco Diagnostic Medical LCD Display Dual Head Stand	Power save mode	Yes
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, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995 - 1:2001 1ST EDITION, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995 - 1:2001 1ST EDITION, IEC 60601-1 CCC - 689254-2008 + G84943-2001 + GB17625.1-2003, ICES-001 level B, BSMI, KETI, VCCI, FCC class B, FDA 510K, ROHs Supplied accessories 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 Dptional accessories Barco Diagnostic Medical LCD Display Dual Head Stand	Dimensions with stand (W x H x D)	Portrait: 381 x 567~667 x 285 mm Landscape: 449 x 513~613 x 285 mm
Mounting standardVESA (100 mm)Screen protectionProtective, non-reflective glass coverRecommended modalitiesCT, MR, US, DR, CR, NM, FilmCertificationsUL 60601-1 1ST EDITION, CAN/CSA-C22.2 NO. 601.1-M90, UL 60950-1 1ST EDITION, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2001 1ST EDITION, IEC 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, ROHSSupplied accessoriesGetting 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 supplyOptional accessoriesBarco Diagnostic Medical LCD Display Dual Head Stand	Dimensions w/o stand (W x H x D)	
Screen protectionProtective, non-reflective glass coverRecommended modalitiesCT, MR, US, DR, CR, NM, FilmCertificationsUL 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, ROHSSupplied accessoriesGetting 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 supplyOptional accessoriesBarco Diagnostic Medical LCD Display Dual Head Stand	Net weight with stand	15.1 kg
Recommended modalities CT, MR, US, DR, CR, NM, Film 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 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 Optional accessories Barco Diagnostic Medical LCD Display Dual Head Stand	Mounting standard	VESA (100 mm)
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 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 Optional accessories Barco Diagnostic Medical LCD Display Dual Head Stand	Screen protection	Protective, non-reflective glass cover
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 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 Optional accessories Barco Diagnostic Medical LCD Display Dual Head Stand	Recommended modalities	CT, MR, US, DR, CR, NM, Film
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 Optional accessories Barco Diagnostic Medical LCD Display Dual Head Stand	Certifications	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 +
	Supplied accessories	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
QA software MediCal QAWeb	Optional accessories	
	QA software	MediCal QAWeb



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