

Coronis 2MP (MDCG-2121)

2 MegaPixel premium diagnostic grayscale display system



Coronis 2MP is a high-grade grayscale display system with a resolution of 1600x1200. The system provides a dedicated imaging solution for PACS, CT, MRI, angiography, ultrasound and orthopedic applications.

The Coronis 2MP display system includes:

- One or more 2 MegaPixel flat panel displays
- MediCal QAWeb software for automated calibration and Quality Assurance
- A BarcoMed PCIe display controller

Check the compatibility matrix for more info about alternative display controllers.

BARCO

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Technical specifications

Screen technology	TFT AM LCD Dual Domain IPS
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	No
Gray imaging	Yes
Number of grayscales (LUT in/LUT out)	1024 grey levels (10/12)
Viewing angle (H, V)	170°
Uniform Luminance Technology (ULT)	Yes
Per Pixel Uniformity (PPU)	No
Ambient Light Compensation (ALC)	Yes
Backlight Output Stabilization (BLOS)	Yes
I-Guard	Yes
Maximum luminance	1650 cd/m ²
DICOM calibrated luminance (ULT off)	500 cd/m ²
Contrast ratio (ULT off)	850:1
Response time (Tr + Tf)	23 ms
Scanning frequency (H; V)	30-150 kHz; 15-80 Hz
Housing color	Dark gray
Video input signals	DVI-D Dual Link
Video in/out terminals	NA
USB ports	1 upstream (endpoint), 3 downstream
USB standard	2.0
Power requirements (nominal)	100-240V
Power consumption (nominal)	54W
Power save mode	Yes
Power management	DVI-DMPM
Dot clock	280 MHz
OSD languages	English, French, German, Spanish, Italian
Dimensions with stand (W x H x D)	Portrait: 369 x 558~658 x 285 mm Landscape: 477 x 504~604 x 285 mm
Dimensions w/o stand (W x H x D)	Portrait: 369 x 477 x 100 mm Landscape: 477 x 369 x 100 mm
Dimensions packaged (W x H x D)	599 x 499 x 281 mm (w/o stand)
Net weight with stand	14.6 kg
Net weight w/o stand	8.5 kg
Net weight packaged with stand	19.5 kg
Net weight packaged w/o stand	12.5 kg
Height adjustment range	100 mm
Tilt	-5° / +25°
Swivel	-45° / +45°
Pivot	90°
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, KCC, 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
QA software	MediCal QAWeb
Units per pallet	NA
Pallet dimensions (W x H)	NA
Warranty	5 years