

Technical specifications Coronis 5MP Mammo display

Display	MDMG-5121
Display technology	TFT AMLCD Dual Domain IPS Grayscale, 3 subpixels per pixel
Active screen diagonal	540.9 mm (21.29")
Active screen width	337.8 mm (13.3")
Active screen height	422.4 mm (16.6")
Pixel pitch	0.165 mm (0.0065")
Native resolution	2048 x 2560 pixels
Dark room contrast	700:1 with PPU (typical)
Maximum luminance	>1000 cd/m ² (342 fL) max
DICOM calibrated luminance	850 cd/m ² (248 fL)
Luminance uniformity	90% typical with PPU
Viewing angle (hor./vert.)	170° (at 10:1 contrast)
Stabilization, calibration and automated QA	Embedded I-Guard
Digital video input	DVI
Display control and communication	DDC (complying to DDC2Bi)
Digital video / DDC input connector	One physical DVI connector, one cable
USB	USB-hub with 1 up- and 2 downstream ports, 1 endpoint
Supported resolutions	2048 x 2560
Display dimensions portrait (WxHxD)	408 x 592 x 217 mm (16.1 x 23.3 x 8.5")
Display weight	13.5 kg (29.7 lb)
Ergonomics	Tilt & swivel base with P/L rotation, 100 mm VESA mounting standard, AR coated front cover
Display controls	Display on/off, backlight adjustments, OSD
Safety approvals	CE, CCC, KETI, UL60601-1
Emission approvals	EN 55022 LIMIT B, FCC class B, EN 61000-3-2
Operational temperature range	0°C to +35°C (32°F to 95°F)
Within spec temperature range	+15°C to +30°C (59°F to 86°F)
Power requirements (integr. power supply)	90 to 264 VAC, 45 to 65Hz
Power consumption	85 W max
Power save	Supports DVI-DMPM (when DVI input selected)

Technical specifications display controller

Display controller	BarcoMed 5MP2FH PCIe or (MXRT) display controller
Bus	PCIe
Bus clock speed	2.5 GHz
Bus width	4 bit (16 bit)
Power consumption	< 15 W (<120 Watt)
Form factor MXRT	340 x 106.7 mm (13.4 x 4.2")
Form factor BarcoMed 5MP2FH	167.6 x 106.7 (6.6" x 4.2")
Operating system	Microsoft Windows® XP, Vista
Display configuration	Dual-head portrait or landscape
Graphics accelerator	Barco AURA technology (ATI GPU)
Pixel clock rate	340 MHz
Display memory	512 MB (1024 MB)
VGA	Integrated VGA controller
Electrical standard	Dual DVI complying to VESA A DVI Rev. 1.0 spec
Video output connectors	2x DVI connectors (one/head)
Supported resolutions & refresh rates	2048 x 2560 @ 50Hz
EMI approvals and compliance	CE, FCC Class B, EN55022 B, EN 50082-1
Operational temperature	0°C to +60°C (32°F to 140°F) - Storage: -40°C to +85°C (-40° to 185°F)

The Coronis 5MP Mammo display system includes:

- Two 5 MegaPixel grayscale flat panel displays
- BarcoMed 5MP2FH or MXRT display controller
- MediCal QAWeb software for intervention-free QA
- Display driver
- Digital cabling

Request more information

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