

Coronis Fusion 10MP

10 MegaPixel wide-screen diagnostic grayscale display system



Nothing less than filmless perfection; that's what you can expect from the Coronis Fusion 10MP display system.

Ultra-precise grayscale imaging

Equipped with proprietary 'SmoothGray' technology for a meticulously rendered grayscale curve, the Coronis Fusion 10MP makes subtle details and lesions more noticeable than ever before. Add to this exceptionally high brightness and contrast levels, truly dark blacks and perfect geometry and you begin to understand that supreme grayscale precision has a new meaning.

Seamless 30-inch desktop

Thanks to the seamless 30-inch LCD screen, you can easily compare prior and current mammography images without the annoyance of a central bezel. Moreover, it allows you to review X-ray chest images or 40 full-resolution CT or MR images with superb diagnostic precision on a single screen.

Worry-free Quality Assurance

The integrated I-Guard sensor makes Quality Assurance an easy job. Combined with the online MediCal QAWeb solution, I-Guard performs intervention-free DICOM calibrations, Quality Assurance tests and remote assessment of your display.

5-year warranty, zero worries

No more worries about unscheduled downtime or unexpected expenses. Coronis Fusion 10MP comes with a 5-year warranty for complete peace of mind.

An ideal solution for:

- CR/DR (chest, orthopedics, pediatrics,...)
- CT (up to 40 full-resolution images)
- Digital mammography
- MRI (breast,...)

BARCO

Visibly yours

Technical specifications

Screen technology	TFT AM LCD Dual Domain IPS
Active screen size (diagonal)	761 mm (29.6")
Active screen size (H x V)	645 x 403 mm (25.4 x 15.9")
Aspect ratio (H:V)	16:10
Resolution	native 10MP (4096 x 2560) configurable to 2 x 5MP (2048 x 2560)
Pixel pitch	0.1575 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	1250 cd/m ² (panel typical)
DICOM calibrated luminance (ULT off)	500 cd/m ² (panel typical)
Contrast ratio (ULT off)	950:1 (panel typical)
Response time (Tr + Tf)	35 ms
Video input signals	DVI-D Dual Link (2x) / DisplayPort (2x)
USB ports	1 upstream (endpoint), 3 downstream
USB standard	2.0
Power consumption (nominal)	102W
Power save mode	Yes
QA software	MediCal QAWeb
Dimensions with stand (W x H x D)	Portrait: NA Landscape: 731 x 580~670 x 270 mm
Dimensions w/o stand (W x H x D)	Portrait: NA Landscape: 731 x 485 x 125 mm
Net weight with stand	24.2 kg
Mounting standard	VESA (100 mm)
Screen protection	Protective, non-reflective glass cover
Recommended modalities	CT, MR, US, DR, CR, NM, Film
Certifications	CE0120 (MDD 93/42/EEC class IIb product), CE - 2004/108/EC, CE - 93/42/EEC, A1:2007/47/EC class II b, UL 60601-1 1ST EDITION, CAN/CSA-C22.2 NO. 601.1-M90:2005, IEC 60601-1 2ND ED:1988 + A1:1991 + A2:1995, IEC 60950-1:2005 2ND EDITION, DEMKO - EN 60601-1:1990 + A1:1993 + A2:1995, VCCI, FCC class B, BSMI, FDA 510K, RoHS, KC

Supplied accessories	User Guide
	Quick-Installation Sheet
	Video cables (2 x DVI Dual Link, 2 x DisplayPort)
	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	NA
QA software	MediCal QAWeb
Warranty	5 years