

Coronis Fusion 6MP DL

The first single-head 6MP workstation for multi-modality viewing



- **30 inch workspace:** no center bezel
- **6 megapixel precision:** full diagnostic detail
- **5 years warranty:** zero worries

Grayscale and color on just one screen

BARCO

Visibly yours

Everything you expect... and more



30-inch wide-screen workspace

- Freedom to organize your desktop as one wide-screen 6MP display or two 3MP displays
- Easy side-by-side comparison of prior and current studies with no bezel
- Enhanced viewing comfort



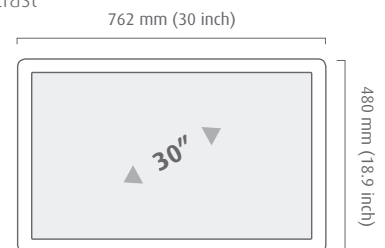
Grayscale and color on just one screen

- Superior grayscale images with excellent contrast
- Bright and vivid color representations
- Enables multi-modality imaging on a single screen



Diagnostic Luminance backlight

- Unparalleled brightness of 800cd/m²
- Full diagnostic details for maximum confidence





High-performance display controller

- Unprecedented speed and precision
- 1024 simultaneous levels of gray
- 30-bit color precision



Integrated I-Guard sensor

- Worry-free compliance with DICOM P14 specifications
- Fast and easy DICOM calibration



Uniform Luminance Technology

- Uniform luminance distribution across the screen
- DICOM compliance from center to corner



Ambient Light Compensation

- Automated adjustment of brightness relative to ambient light level
- DICOM P14 compliance under all lighting conditions



Innovative softcopy QA solution

- Easy-to-use, web-based tool for calibration and QA
- Intervention-free diagnostic quality
- Maximum uptime of your workstation



5 year warranty

Coronis Fusion 6MP DL comes with a 5 year warranty. In addition, Barco offers an array of dedicated support services to help you reduce unscheduled downtime and keep your expenses under control.



High-performance display controller for maximum speed and precision



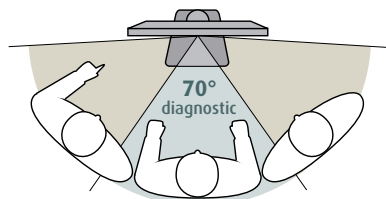
Continuous diagnostic confidence thanks to third generation I-Guard technology



IPS-Pro LCD architecture

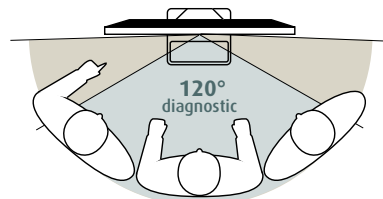
- Excellent contrast ratio of 800:1
- Maximum viewing angle of 178°

Conventional LCD technology



With **conventional LCD technology** colors and contrast values change substantially when looked at from an angle

IPS-Pro LCD technology



With **IPS-Pro**, the viewing cone in which contrast levels are high enough to detect even the most subtle lesions is 120°, which is nearly twice the value achieved by other technologies.



Technical specifications

Display	MDCC-6130 DL
Display technology	TFT AM LCD IPS-Pro
Active screen diagonal	771.44 mm (30.4")
Active screen width	654.36 mm (25.76")
Active screen height	408.58 mm (16.09")
Pixel pitch	.1995 mm (0.00785")
Resolution	3280 x 2048 pixels
Maximum luminance (typical)	800 cd/m ²
DICOM calibrated luminance (native white)	500 cd/m ²
Contrast ratio (dark reading room, typical)	800:1
Viewing angle (typ)	178° (10:1)
Half contrast angle (typ)	120° (400:1)
Response time (typ)	9 ms (tr+tf)/2
Display LUT	10-bit in / 12-bit out
Video input	2x DVI-D Dual-Link
Image stabilization	Front of screen I-Guard light sensor
Uniform Luminance Technology	Yes
Display dimensions (w x h x d), high pos.	762 x 571.5 x 127 mm (30.0 x 22.5 x 5.0")
Display weight (incl. stand)	29.2 kg (64.8 lbs)
Approvals	<p>EMISSION - Europe: (EN60601-1-2) EN 55011 Level-B, USA: FCC Level-B, Canada: ICES-001 Level-B, Korea: KETI (eK) Level-B, China: CCC Level-B</p> <p>MEDICAL SAFETY - Europe: CE, EN60601-1 DEMKO, USA: UL 60601-1, Canada: c-UL CSA C22.2 no 601.1, China: CCC GB4943-2001, Korea: KETI (eK), Japan: PSE</p>
Housing plastics	UL 94-V0 compliant
Operational temperature range	+0° to +35° C (+32° to +95° F)
Within spec temperature range	+15° to +30° C (+59° to +86° F)
Power consumption @ 230 VAC (typical)	166 W

Display controller	BarcoMed MXRT-5100	BarcoMed MXRT-7100*
SYSTEM REQUIREMENTS		
Bus compatibility	PCIe x16	
Power consumption	Computer power supply of 375W or higher	
Form factor	106 x 228 x 37 mm (4.2" x 9.0" x 1.5")	
Operating system	Microsoft Windows® 2000, XP, X64, Vista	
Platforms	Intel® and AMD architectures	
SPECIFICATIONS		
Graphics accelerator	ATI FireGL™	
Display memory	256 MB	1 GB
Look-Up Table	32 bit in / 32 bit out	
Pixel depth	24 bit / 30 bit (HDR mode)	
Electrical standard	Dual link DVI complying to v1.0 specification	
Direct 3D HW support	Microsoft DirectX v9.0, Vertex Shader v3.0, Pixel Shader v3.0	
OpenGL HW support	OpenGL® 2.0	
Connectors	Two DVI-I connectors	
Supported resolutions	Up to 3280 x 2048 (VGA at boot-up)	
APPROVALS / ENVIRONMENTAL		
Approvals and compliance	FCC, CE, BSMI, C-Tick, UL	
Operational temperature	0° to 55°C (32° to 131°F)	

* Optional

MediCal QAWeb Quality Assurance System	
Remote QA management	✓
Compliance with the latest QA standards	✓
Effortless asset management	✓
Automated reporting	✓



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