

# 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-year 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



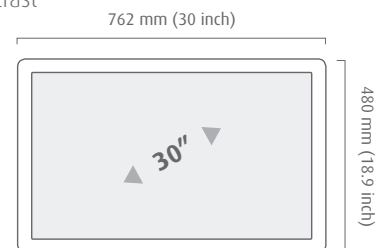
**Grayscale and color on just one screen**

- 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/m<sup>2</sup>
- 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



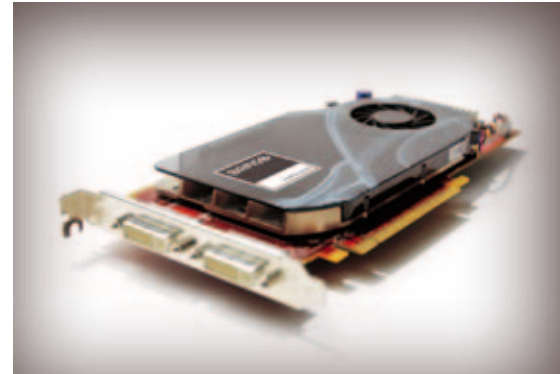
### Innovative softcopy QA solution

- 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



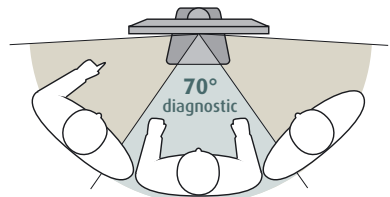
Continuous diagnostic confidence thanks to third generation I-Guard technology



### IPS-Pro LCD architecture

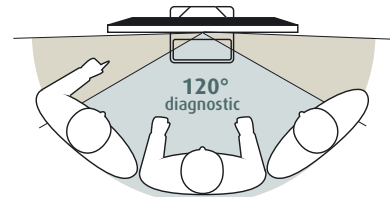
- Excellent contrast ratio of 800:1
- Maximum viewing angle of 178°

#### 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
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	0,1995 mm (0.00785")
Resolution	3280 x 2048 pixels
Maximum luminance (typical)	800 cd/m <sup>2</sup>
DICOM calibrated luminance (native white)	500 cd/m <sup>2</sup> (ULT off)
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><b>EMISSION - Europe:</b> (EN60601-1-2) EN 55011 Level-B, <b>USA:</b> FCC Level-B, <b>Canada:</b> ICES-001 Level-B, <b>Korea:</b> KETI (eK) Level-B, <b>China:</b> CCC Level-B</p> <p><b>MEDICAL SAFETY - Europe:</b> CE, EN60601-1 DEMKO, <b>USA:</b> UL 60601-1, <b>Canada:</b> c-UL CSA C22.2 no 601.1, <b>China:</b> CCC GB4943-2001, <b>Korea:</b> KETI (eK), <b>Japan:</b> 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

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Display controller	BarcoMed MXRT-5200
<b>SYSTEM REQUIREMENTS</b>	
Bus compatibility	PCIe x16
Power consumption	Computer power supply of 375W or higher (assumes a fully loaded system)
Form factor	98,4 x 228,6 x 15,9 mm (3.87" x 9.0" x 0.63")
Operating system	MS Windows® XP 32/64-bit, Server 2003, 2008, Vista XPDM, WDDM
Platforms	Intel® and AMD architectures
<b>SPECIFICATIONS</b>	
Graphics accelerator	ATI FireGL™
Display memory	512 MB GDDR4
Look-Up Table	24 bit in / 24 bit out (8 bit per color channel)
Pixel depth	24 bit / 30 bit (HDR mode)
Electrical standard	Dual link DVI complying to v1.0 specification
Direct 3D HW support	Microsoft DirectX v10.0/v9.0, Vertex Shader v4.0/v3.0, Pixel Shader v4.0/v3.0
OpenGL HW support	OpenGL® 2.1
Connectors	Two DVI-I connectors
Supported resolutions	Up to 3280 x 2048 (VGA at boot-up)
<b>APPROVALS / ENVIRONMENTAL</b>	
Approvals and compliance	FCC part 15 Class B, CE, UL-60950-1, BMSI CNS, CISPR-22/24, VCCI, CSA C22.2, EU RoHS, MIC
Operational temperature	0° to 55°C (32° to 131°F)

## MediCal QAWeb Quality Assurance System

Remote QA management	✓
Compliance with the latest QA standards	✓
Effortless asset management	✓
Automated reporting	✓

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