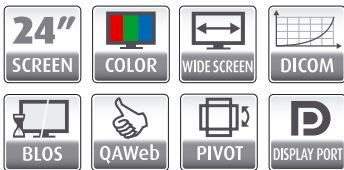


MDRC-2124

24-inch clinical review display



Consistent, calibrated images at the point of care



The Barco MDRC-2124 is a 24-inch wide-screen clinical review display for everyday use at the point of care. Building on many years' know-how and experience in healthcare imaging, the multi-purpose monitor brings high-quality, calibrated and remotely managed images to imaging specialists in the various hospital departments.

- **Professional LCD quality**, providing high brightness, rich contrast and accurate display of colors and greyscales
- **1,920 x 1,200 resolution**, perfect for viewing full HD content
- **Wide 24-inch screen**, creating a flexible workspace, ideally suited to simultaneously use multiple applications and palettes
- **DICOM Part 14** out-of-the-box for consistent, high-quality viewing of medical images
- **Built-in Backlight Output Stabilization (BLOS)** for stabilized luminance over time
- **Multiple connection possibilities** including VGA, DVI and DisplayPort interfaces
- **Shipped with user-friendly MediCal QAWeb software** for accurate Quality Assurance and remote display management (Hardware calibration can be performed by means of an external sensor)

BARCO

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Technical specifications

LCD panel	
Technology	TFT Color LCD (IPS)
Native resolution	1,920 x 1,200
Active screen diagonal	24.1" (611.3 mm)
Active screen area	518.4 x 324 mm (20.41" x 12.76")
Pixel pitch	0.27 x 0.27 mm
Visual characteristics	
Maximum luminance	400 cd/m ²
DICOM calibrated luminance	250 cd/m ²
Contrast ratio	1,000:1
Aspect ratio	16:10
Viewing angle (CR>10)	178°/178°
Display LUT	10 bit
Response time (G-G)	5 ms
Display functions	DICOM, Gamma 1.8, Gamma 2.2, sRGB
Colors	16.7 million, wide gamut
Connectivity and control	
Video input	DVI, DVI-I/DP
USB	1 upstream, 2 downstream
OSD languages	English, German, French, Spanish, Italian, Dutch, Simplified Chinese, Korean, Japanese
Quality assurance	
Image stabilisation	BLOS (Backlight sensor)
Medical QAWeb	Included
External front sensor	Optional
Options	
Protective front cover	Optional
Approvals	
EMC	EN 60601-1-2; FCC-B; ICES-001; VCCI; KETI; CCC; BSMI; EN55011
Safety	CE EN60601-1; UL 60601-1; c-UL; CCC; KETI; PSE; BSMI; VCCI
Environmental	Energy star 5 (power supply)
Mechanical characteristics	
Display dimensions (W x H x D)	22.8 x 15.04 x 4.13" (579 x 382 x 104.8 mm) (landscape, without pedestal)
Display weight	With stand: 17 kg (37.48 lbs.) / Without stand: 10 kg (22.05 lbs.)
Display stand	Tilt, height & swivel
Mounting	VESA 100
Rotation	Landscape / portrait
Power requirements	
External DC power supply	90V - 264V (50Hz - 60Hz)
Standby power	< 1 W
Power consumption	120 W
Environmental	
Operating temperature (min-max)	0° to 35°C (32° to 95°F)
Humidity	5% - 90% (no condensation)

Request more information:

M00369-R01-0910-DS
 Technical specifications are subject to change without prior notice

www.barcomedical.com

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