MDRC-2124

24-inch clinical review display

The MDRC-2124 is a 24-inch wide-screen clinical review display for everyday use at the point of care. The 24-inch monitor brings high-quality, calibrated and remotely managed images to specialists throughout the hospital.

Consistent, calibrated images at the point of care
The MDRC-2124's **high-quality LCD panel** provides high brightness, rich contrast and accurate display of colors and grayscales. The wide 24-inch screen creates a flexible workspace and is ideally suited for simultaneous use of multiple applications and palettes.

Advanced **Backlight Output Stabilization (BLOS) technology** ensures stabilized luminance over time.

Thanks to the DICOM Part 14 Look-Up Table, the MDRC-2124 is **DICOM-compliant "out-of-the-box"**.

User-friendly Quality Assurance
The MDRC-2124 is shipped with Medical QAWeb software for accurate Quality Assurance and remote display management (hardware calibration can be performed by means of an external sensor).

WIDE SCREEN · COLOR · DICOM · BLOS · WIDE VIEW · APPROVED · OSD · QAWeb · PIVOT · GREEN · 24" SCREEN · 1920 x1200 WUXGA

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Technical specifications

Screen technology	TFT Color LCD IPS
Active screen size (diagonal)	612 mm (24.1")
Active screen size (H x V)	518 x 324 mm (24.1 x 12.8")
Aspect ratio (H:V)	16:10
Resolution	2MP (1920 x 1200)
Pixel pitch	0.2700 mm
Color imaging	Yes
Gray imaging	No
Color support	16.8 million
Viewing angle (H, V)	178°
Uniform Luminance Technology (ULT)	No
Per Pixel Uniformity (PPU)	No
Ambient Light Compensation (ALC)	No
Backlight Output Stabilization (BLOS)	Yes
I-Guard	No
Maximum luminance	400 cd/m²
DICOM calibrated luminance	250 cd/m²
Contrast ratio	1000:1
Response time (Tr + Tf)	24ms
Scanning frequency (H; V)	31.5-79.95 kHz; 59-61 Hz
Housing color	Black
Video input signals	DVI-I Single Link
	DisplayPort
Video inout terminals	Separate H&V sync
	Composite sync on H
	Sync on Green supported
USB ports	1 upstream, 2 downstream
USB standard	2.0
Power requirements (nominal)	100-250V
Power consumption (nominal)	65W
Power save mode	Yes
Power management	DVI-DMPM states supported
	Power On state
	Active-Off state
Dot clock	165 MHz
OSD languages	English, French, German, Spanish, Italian, Dutch, Simplified Chinese, Taditional Chinese, Japanese, Korean
Dimensions with stand (W x H x D)	Landscape: 579 x 515~615 x 231 mm
Dimensions w/o stand (W x H x D)	Portrait: 382 x 579 x 106 mm
	Landscape: 579 x 382 x 106 mm
Dimensions packaged (W x H x D)	872 x 482 x 352 mm
Net weight with stand	15.4 kg
Net weight w/o stand	10.0 kg

Net weight packaged with stand	19.4 kg
Net weight packaged w/o stand	14.0 kg
Height adjustment range	100 mm
Tilt	-5° / +40°
Swivel	-45° / +45°
Pivot	90°
Mounting standard	VESA (100 mm)
Screen protection	Optional protective front cover
Recommended modalities	CT, MR, US, DR, CR, NM, Film
Certifications	EN 60601-1-2 (2001),EN 55011 (Class B),IEC 61000-3-2,IEC 61000-3-3,IEC 61000-4-2,IEC 61000-4-3,IEC 61000-4-4,IEC 61000-4-5,IEC 61000-4-11,IEC 61000-4-6,IEC 61000-4-8,CE,EN 60601-1 Medical Part 1,FCC B,c-ul,PSE,BSMII,VCCI ,CCC,KCC,CSA c22.2No601.1, UL50501-1
Supplied accessories	User manual
	Video cables (DVI Single Link, Analog)
	Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC))
	External power supply
Optional accessories	Barco External Medical LCD Display Sensor
	Barco MDRC-2124 Clinical Review Medical LCD Display Protective Front Cover Kit
QA software	MediCal QAWeb
Units per pallet	16
Pallet dimensions (W x H)	800 x 1200 mm
Warranty	3 years

Generated on: 06 mei 2012
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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