

MDRC-2124

24-inch clinical review display



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).

PRODUCT SPECIFICATIONS**MDRC-2124**

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°
Uniformity Technology	No
Per Pixel Uniformity (PPU)	No
Ambient Light Compensation (ALC)	No
Backlight Output Stabilization (BLOS)	Yes
I-Guard	No
Maximum luminance	400 cd/m ²
DICOM calibrated luminance	250 cd/m ²
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 input 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 DPMS states supported
Dot clock	165 MHz
OSD languages	English, French, German, Spanish, Italian, Dutch, Simplified Chinese, Traditional 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

PRODUCT SPECIFICATIONS	MDRC-2124
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

Last updated: 15 Nov 2019

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.