MDRC-2124 TS

24-inch clinical review display with touch screen interface

The MDRC-2124 TS is a 24" wide-screen clinical review display with an intuitive touch screen interface. The 24-inch multi-purpose display brings reliable, DICOM-compliant and remotely managed images to a broad palette of imaging applications, including modality control systems and electronic patient systems.

High image quality

The **high-quality LCD panel** presents medical images with better contrast, higher brightness and a wider viewing angle than conventional computer monitors.

Advanced Backlight Output Stabilization (BLOS) technology ensures fast power-up and stable luminance over time, resulting in long-term image consistency.

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

Fit for purpose

Barco's range of MDRC displays has been **designed for use in clinical environments**. The displays comply with international medical (IEC 60601) standards for optimum patient safety.

BARCO

Visibly yours

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Remote management

All MDRC displays come standard with Barco's industry-leading MediCal QAWeb software. This online service for **automated calibration and Quality Assurance** ensures accurate and reliable images anywhere, anytime. It also allows remote QA administration and asset management via the Internet to guarantee maximum uptime of your medical display.

Product specifications	MDRC-2124 TS
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 DPMS states supported
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°

Product specifications	MDRC-2124 TS
Pivot	90°
Mounting standard	VESA (100 mm)
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: 12 Jun 2014