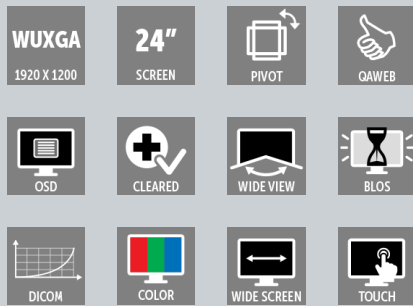


MDRC-2124 TS

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.

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.

Touch screen interface

Allows the display to be used in as a user-friendly input or control device.

Professional LCD quality

Provides high brightness, rich contrast (up to 1000:1) and accurate display of colors and grayscales. The wide gamut LCD panel ensures vibrant display of saturated colors.

Wide 24-inch screen with 1920 x 1200 resolution

Gives you 20% more pixel space than conventional displays. This allows you to combine more of the image next to your toolbars and palettes, and it lets you view uncompressed Full HD content while leaving extra space for menus or toolbars.

DICOM Part 14 compliant out of the box

Ensuring consistent, high-quality viewing of medical images.

User-friendly Quality Assurance

Accurate Quality Assurance and remote display management thanks to the Medical QAWeb software.

Built-in Backlight Output Stabilization

Ensures fast power-up and continuous LCD backlight stability, resulting in long-term image consistency.

Multiple connection possibilities

The MDRC-2124 TS comes with video connectors for DisplayPort and DVI. Older computers with a VGA output can use a simple adaptor to connect to the DVI connector. The display also comes with a built-in USB hub to easily connect your desktop peripherals.

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°
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 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, 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 TS**

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)
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.