

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 greyscales. 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.

TECHNISCHE SPECIFICATIES**MDRC-2124 TS**

Schermt technologie	TFT Color LCD IPS
Actief schermformaat (diagonaal)	612 mm (24.1")
Formaat actief scherm (H x V)	518 x 324 mm (24.1 x 12.8")
Beeldverhouding (H:V)	16:10
Resolutie	2MP (1920 x 1200)
Pixelpitch	0.2700 mm
Beeldkleur	Yes
Grijsbeeldvorming	No
Kleurondersteuning	16.8 million
Kijkhoek (H, V)	178°
Uniform Luminance Technology (ULT)	No
Per Pixel Uniformity (PPU)	No
Omgevingslichtcompensatie (OLC)	No
Backlight Output Stabilization Technology (BLOS)	Yes
I-Guard	No
Maximale luminantie	400 cd/m ²
DICOM-gekalibreerde luminescentie	250 cd/m ²
Contrastverhouding	1000:1
Reactietijd (stijgtijd + valtijd)	24ms
Scanfrequentie (H; V)	31.5-79.95 kHz; 59-61 Hz
Kleur behuizing	Black
Video-ingangssignalen	DVI-I Single Link DisplayPort
Video-in-/uit-contacten	Separate H&V sync Composite sync on H Sync on Green supported
USB-poorten	1 upstream, 2 downstream
USB-standaard	2.0
Voedingsvereisten (nominaal)	100-250V
Stroomverbruik (nominaal)	65W
Energiebesparingsmodus	Yes
Energiebeheer	DVI-DMPM states supported Power On state Active-Off state DPMS states supported
Puntklok	165 MHz
OSD-talen	English, French, German, Spanish, Italian, Dutch, Simplified Chinese, Traditional Chinese, Japanese, Korean
Afmetingen met standaard (B x H x D)	Landscape: 579 x 515~615 x 231 mm
Afmetingen zonder standaard (B x H x D)	Portrait: 382 x 579 x 106 mm Landscape: 579 x 382 x 106 mm
Afmetingen verpakt (B x H x D)	872 x 482 x 352 mm
Nettogewicht met standaard	15.4 kg
Nettogewicht zonder standaard	10.0 kg

TECHNISCHE SPECIFICATIES**MDRC-2124 TS**

Nettogewicht verpakt met standaard	19.4 kg
Nettogewicht verpakt zonder standaard	14.0 kg
Hoogteregelbereik	100 mm
Kanteling	-5° / +40°
Zwenking	-45° / +45°
Roteren	90°
Montagestandaard	VESA (100 mm)
Aanbevolen procedures	CT, MR, US, DR, CR, NM, Film
Certificeringen	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
Meegeleverde accessoires	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
Optionele accessoires	Barco External Medical LCD Display Sensor Barco MDRC-2124 Clinical Review Medical LCD Display Protective Front Cover Kit
Software voor kwaliteitsgarantie	MediCal QAWeb
Aantal per pallet	16
Palletafmetingen (B x H)	800 x 1200 mm
Garantie	3 years

Last updated: 07 Apr 2021

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