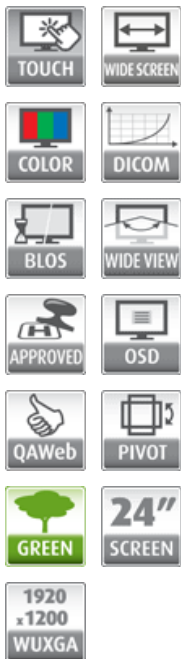


MDRC-2124 TS

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.

BARCO

Visibly yours

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, Tadtional 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) |
| 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 c22.2 No601.1, 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 |