

Barco MDRC-1219

19" clinical display for hospital-wide viewing of clinical data and images



- **Fit for clinical use**
- **Automated Quality Assurance and calibration**
- **Front consistency sensor technology**

The Barco MDRC-1219 brings reliable, DICOM compliant images to a broad palette of imaging applications, including EMR. It combines consistent image quality and an attractive, versatile design with effortless quality assurance. A touchscreen version is also available.

Consistent images, easy collaboration

The high-quality display presents sharp, bright images with high contrast. The unique front consistency sensor automatically aligns the image quality every time the display is switched on, ensuring fast power-up and continuous luminance stability.

Result? Consistent images that make collaboration between specialists easier. They can discuss images with colleagues at multiple locations, knowing that everyone is seeing identical images.

Quality assured, automatically

The MDRC-1219 comes with Barco's cloud-based MediCal QAWeb software, an online service for calibration, Quality Assurance and asset management. Praised in hospitals around the world, MediCal QAWeb allows healthcare IT and PACS administrators to centrally and remotely manage image quality across the healthcare organization, at the click of a button.

Fit for clinical use

The unique 5:4 aspect ratio is ideal for viewing all types of applications and images from medical modalities. Like every Barco clinical display, the MDRC-1219 complies with international medical and patient safety standards.

PRODUCT SPECIFICATIONS**BARCO MDRC-1219**

Screen technology	IPS-TFT Color LCD
Active screen size (diagonal)	482 mm (19.0")
Active screen size (H x V)	376 x 301 mm (14.81 x 11.85")
Aspect ratio (H:V)	5:4
Resolution	1MP (1280 x 1024 pixels)
Pixel pitch	0.294 mm
Color imaging	Yes
Gray imaging	Yes
Bit depth	8 bit (DVI) 10 bit (DisplayPort)
Viewing angle (H, V)	178°
Ambient light presets	Yes, reading room selection
Front sensor	Yes, Front Consistency Sensor
Maximum luminance (panel typical)	330 cd/m ²
DICOM calibrated luminance	250 cd/m ²
Contrast ratio (panel typical)	1000:1
Response time (Tr + Tf) (typical)	30 ms
Housing color	Black
Video input signals	DVI (DVI-D and DVI-A) DisplayPort
USB ports	1x USB 2.0 upstream (endpoint) 2x USB 2.0 downstream
Power requirements	Internal power supply (100-240 Vac, 50-60 Hz)
Power consumption	22 W (nominal) < 0.5 W (standby)
OSD languages	English, German, French, Dutch, Spanish, Italian, Portuguese (Brazil), Chinese (Simplified), Japanese, Korean, Arabic
Dimensions with stand (W x H x D)	Portrait: 348 x 440~550 x 201 mm Landscape: 411 x 408~518 x 201 mm
Dimensions w/o stand (W x H x D)	411 x 348 x 67 mm
Dimensions packaged (W x H x D)	426 x 592 x 326 mm
Net weight with stand	5.3 kg
Net weight w/o stand	3.1 kg
Net weight packaged	8.1 kg
Tilt	-5° to +22°
Swivel	N/A
Pivot	90°
Height adjustment range	110 mm
Mounting standard	VESA (100 mm)
Screen protection	N/A
Recommended modalities	Reviewing of digital images

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Certifications	CE 2014/30/EU EN 60601-1:2006 +A11:2011 +A1:2013 +A12:2014 IEC 60601-1 (ed. 3);am1 ANSI/AAMI ES60601-1: 2005/(R)2012 CSA CAN/CSA-C22.2 No. 60601-1:14 IEC 60529:1991 + A1: 2000 (Degrees of protection IP code) IEC 60601-1-2: 2014 FCC class B ICES-001 Level B CCC-GB9254-2008 + GB4943.1-2011 + GB17625.1-2012 VCCI KC
Supplied accessories	User guide System disc DisplayPort video cable (2m) Mains cables USB cable (2m)
Optional accessories	N/A
QA software	MediCal QAWeb
Warranty	3 years
Operating temperature	0 °C to +35 °C
Storage temperature	-20 °C to +60 °C
Operating humidity	20% to 80% (non-condensing)
Storage humidity	10% to 90% (non-condensing)
Operating pressure	70 kPa minimum
Storage pressure	50 to 106 kPa

Last updated: 21 Jan 2018

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