

# MDRC-1119 TS

19-inch clinical review display with touch screen interface



The MDRC-1119 TS is a 1 MegaPixel clinical review display with touch screen interface. The 19-inch display brings reliable, DICOM-compliant images to a broad palette of imaging applications, including the EMR system.

## Consistent DICOM images, anywhere, anytime

The **high-quality LCD panel** of the MDRC-1119 TS 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 continuous LCD backlight stability, resulting in long-term image consistency.

And thanks to the integrated DICOM Part 14 Look-Up Table, the MDRC-1119 TS is **DICOM-compliant "out-of-the-box"**.

BARCO

Visibly yours

**Product specifications****MDRC-1119 TS**

<b>Screen technology</b>	TFT Color LCD
<b>Active screen size (diagonal)</b>	483 mm (19.0")
<b>Active screen size (H x V)</b>	301 x 376 mm (11.9 x 14.8")
<b>Aspect ratio (H:V)</b>	5:4
<b>Resolution</b>	1MP (1280 x 1024)
<b>Pixel pitch</b>	0.2940 mm
<b>Color imaging</b>	Yes
<b>Gray imaging</b>	No
<b>Color support</b>	16.8 million
<b>Viewing angle (H, V)</b>	178°
<b>Uniform Luminance Technology (ULT)</b>	No
<b>Per Pixel Uniformity (PPU)</b>	No
<b>Ambient Light Compensation (ALC)</b>	No
<b>Backlight Output Stabilization (BLOS)</b>	Yes
<b>I-Guard</b>	No
<b>Maximum luminance</b>	300 cd/m <sup>2</sup>
<b>DICOM calibrated luminance</b>	180 cd/m <sup>2</sup>
<b>Contrast ratio</b>	1300:1
<b>Response time (Tr + Tf)</b>	10 ms
<b>Scanning frequency (H; V)</b>	31.5-79.95 kHz; 50-75 Hz
<b>Housing color</b>	Dark gray
<b>Video input signals</b>	DVI-D Single Link VGA (DB15)
<b>Video inout terminals</b>	Separate H&V sync Composite sync on H Sync on Green supported
<b>USB ports</b>	1 upstream, 2 downstream
<b>USB standard</b>	1.1
<b>Power requirements (nominal)</b>	100-250V
<b>Power consumption (nominal)</b>	45W
<b>Power save mode</b>	Yes
<b>Power management</b>	DVI-DMPM states supported Power On state Active-Off state DPMS states supported
<b>Dot clock</b>	165 MHz
<b>OSD languages</b>	English, French, German, Spanish, Italian, Dutch, Simplified Chinese, Traditional Chinese, Japanese, Korean
<b>Dimensions with stand (W x H x D)</b>	Landscape: 418 x 535~425 x 223 mm
<b>Dimensions w/o stand (W x H x D)</b>	Portrait: 346 x 418 x 70 mm Landscape: 418 x 346 x 70 mm
<b>Dimensions packaged (W x H x D)</b>	502 x 494 x 294 mm
<b>Net weight with stand</b>	8.7 kg
<b>Net weight w/o stand</b>	6.0 kg
<b>Net weight packaged with stand</b>	11.7 kg
<b>Net weight packaged w/o stand</b>	9.0 kg
<b>Height adjustment range</b>	120 mm
<b>Tilt</b>	-0° / +10°
<b>Swivel</b>	-45° / +45°

<b>Product specifications</b>	<b>MDRC-1119 TS</b>
<b>Pivot</b>	90°
<b>Mounting standard</b>	VESA (100 mm)
<b>Screen protection</b>	NA
<b>Recommended modalities</b>	CT, MR, US, DR, CR, NM, Film
<b>Certifications</b>	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
<b>Supplied accessories</b>	User manual Video cables (DVI Single Link, Analog) Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC)) USB cable External power supply
<b>Optional accessories</b>	Barco External Medical LCD Display Sensor
<b>QA software</b>	MediCal QAWeb
<b>Units per pallet</b>	24
<b>Pallet dimensions (W x H)</b>	800 x 1200 mm
<b>Warranty</b>	3 years