

# MDRC-1119

## 1 MegaPixel clinical review display



### Consistent DICOM images anywhere, anytime



The MDRC-1119 is a brand-new clinical review display for hospital-wide viewing of clinical data and images. Building on Barco's know-how and experience in healthcare imaging, the multi-purpose 19-inch display brings reliable, DICOM-compliant images to a broad palette of imaging applications, including the Electronic Medical Record (EMR) system. The MDRC-1119 features...

- **Professional LCD quality**, providing rich contrast (1300:1), high brightness, a wide viewing angle and accurate grayscales
- **An integrated DICOM Part 14 Look-Up Table** for true "DICOM-out-of-the-box" imaging
- **Backlight Output Stabilization (BLOS)** for stabilized luminance over time
- **A user-friendly MediCal QAWeb system** for accurate Quality Assurance and DICOM-calibration (in combination with an external sensor)
- **A multi-lingual On-Screen Display interface** for optimum convenience (English, German, Simplified & Traditional Chinese, Korean, Japanese, etc.)

**BARCO**

Visibly yours

# Technical specifications

LCD panel	
Technology	TFT Color LCD
Native resolution	1280 x 1024
Active screen diagonal	19" (483 mm)
Active screen area	14.80" x 11.85" (376 x 301 mm)
Pixel pitch	0.294 x 0.294 mm
Maximum luminance	300 cd/m <sup>2</sup>
DICOM calibrated luminance	180 cd/m <sup>2</sup>
Contrast ratio	1300:1
Aspect ratio	5:4
Viewing angle (CR>10)	178°/178°
Display LUT	10 bit
Response time (G-G)	8 ms
Display functions	Gamma, DICOM
Colors	16.8 million
Connectivity and control	
Video input	DVI, VGA (DB15)
USB	1 upstream, 2 downstream
OSD languages	English, French, German, Simplified & Traditional Chinese, Korean, Japanese, Spanish, Italian, Dutch
Quality Assurance	
Image stabilisation	BLOS (Backlight sensor)
MediCal QAWeb	Included
External front sensor	Optional
Options	
Protective front cover	Optional
Touch screen	Optional
Approvals	
EMC	EN 60601-1-2; FCC-B; ICES-001; VCCI; KETI; CCC; BSMI
Safety	CE EN60601-1; UL 60601-1; c-UL; CCC; KETI; PSE; BSMI
Mechanical characteristics	
Display dimensions	16.46" x 13.62" x 2.76" (418 x 346 x 70 mm), W x H x D, landscape without pedestal
Display weight	With stand: 8.5 kg (18.74 lbs.) / Without stand: 5.5 kg (12.13 lbs.)
Display stand	Tilt, height & swivel
Mounting	VESA 100
Rotation	Landscape / portrait
Power requirements	
External DC power supply	90V - 264V (50Hz - 60Hz)
Standby power	< 1 W
Power consumption	50 Watts
Environmental	
Operating temperature (min-max)	0° to 35°C (32° to 95°F)
Humidity	5% - 90% (no condensation)

Request more information: