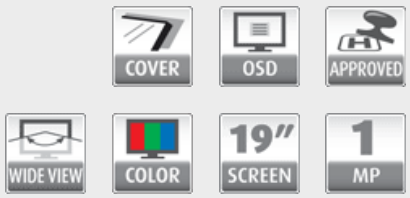
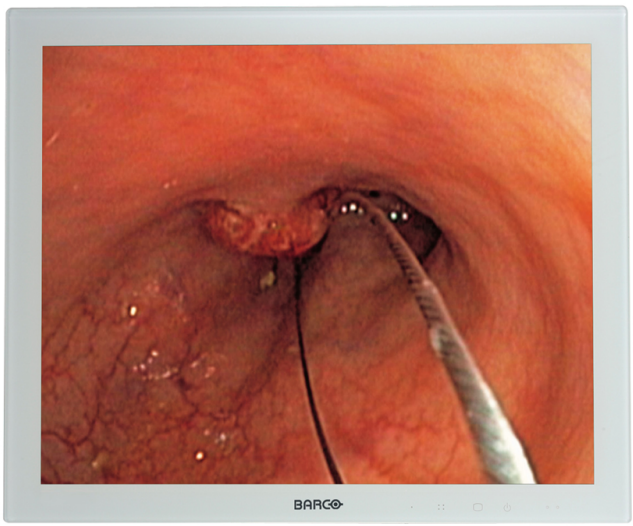
# MDSC-1119

## 19-inch surgical color LCD display




Barco's MDSC-1119 is a 19-inch, 1.3 MegaPixel color LCD display that provides surgical teams with artifact-free images and unequalled precision, while meeting the unique patient safety and space requirements of the integrated OR.

### Unsurpassed image quality

Incorporating the latest LCD technology, the MDSC-1119 features high brightness, making it ideal for the OR's high ambient light conditions. Furthermore, the MDSC-1119's high contrast ratio, color depth and wide viewing angle maximize image accuracy. Calibration of color, luminance and signal balance add to the optimal and unsurpassed image quality.

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Visibly yours

| Product specifications | MDSC-1119 |
|---|---|
| **Screen technology** | TFT AM LCD |
| **Active screen size (diagonal)** | 483 mm (19.0") |
| **Active screen size (H x V)** | 376 x 301 mm (14.8 x 11.9") |
| **Aspect ratio (H:V)** | 5:4 |
| **Resolution** | 1MP (1280 x 1024) |
| **Pixel pitch** | 0.2940 mm |
| **Color imaging** | Yes |
| **Color support** | 16.7 million |
| **Viewing angle (H, V)** | 178° |
| **Maximum luminance** | 280 cd/m² |
| **Contrast ratio** | 600:1 |
| **Response time (Tr + Tf)** | 14ms |
| **Scanning frequency (H; V)** | 15-100 kHz, 50-120 Hz |
| **Housing color** | White |
| **Video input signals** | DVI-I Single Link<br>VGA (D15)<br>RGBS (4BNC)<br>S-video<br>Composite video<br>Component video<br>SDI/HD-SDI input/output (optional)<br>DVI fiber optic input (optional) |
| **Interfaces/Ports** | 4BNC<br>Composite Video<br>4-pin Mini DIN<br>D15<br>DVI-I<br>9pin D-sub<br>No audio<br>RS232 |
| **Power requirements (nominal)** | 100-250V |
| **Power consumption (nominal)** | 80W |
| **Power save mode** | Yes |
| **Power management** | DVI-DMPM states supported<br>Power On state<br>Active-Off state<br>DPMS states supported |
| **Dot clock** | 165 MHz |
| **OSD languages** | English, French, German, Spanish |
| **Dimensions w/o stand (W x H x D)** | 430 x 356 x 80 mm |
| **Dimensions packaged (W x H x D)** | 535 x 590 x 185 mm |
| **Net weight w/o stand** | 8.6 kg |
| **Net weight packaged w/o stand** | 13.0 kg |
| **Mounting standard** | VESA (75 and 100 mm) |
| **Screen protection** | Protective, non-reflective PMMA cover |
| **Recommended modalities** | CT, MR, US, DR, CR, NM, Film |
| **Certifications** | UL 60601-1, CAN/CSA-C22.2 No 601.1-M90: 2005, IEC 60950-1, EN 60601-1, IEC 60601-1, CCC, CE, EN 60601-1-2, FCC-B, VCCI, RoHs compliant, IPX1 |
| **Supplied accessories** | Getting Started Guide<br>Video cables (DVI Dual Link, VGA, SVHS, BNC)<br>Main cables (European (CEBEC/KEMA), USA (UL/CSA))<br>External power supply |
| **Optional accessories** | Barco MDSC Surgical Medical LCD Display Desk Stand<br>Barco MDSC Surgical Medical LCD Display Vesa Extender<br>Barco MDSC Surgical Medical LCD Display Extension Cable 10m<br>Barco MDSC Surgical Medical LCD Display Extension Cable 2.5m |

| Product specifications | MDSC-1119 |
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| **Warranty** | 3 years |

Last updated: 28 jul 2015
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.