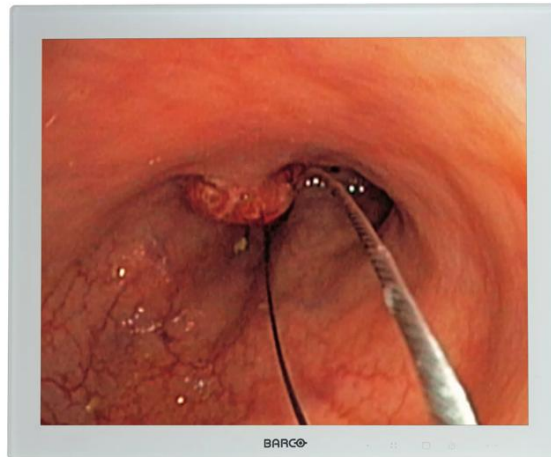


MDSC-1119

19-inch surgical color LCD display



- **First-generation surgical display**
- **For perfect hand-eye coordination**
- **Designed for patient safety**

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.

- **Flexibility and expandability:** the MDSC-1119's video bus architecture and modular slot concept allow the display to be configured to specific OR video connectivity requirements. Furthermore, it readily supports new and future video formats, such as high-definition digital video.
- **Versatile multi-modality imaging:** the MDSC-1119 is a versatile multi-modality display for endoscopic cameras, room and boom cameras, ultrasound, cardiology, PACS, anesthesiology and patient information.
- **Dual channel Picture-in-Picture or Picture-by-Picture views** of images from multiple input signals give surgeons the required views, allowing them to make more informed decisions.
- **Artifact-free, real-time viewing:** the MDSC-1119 surgical display offers the fastest image transmission and broadcast quality video imaging available today, along with the greatest attention to signal integrity.
- **Customized profiles:** allowing you to configure, store and recall preferences and profiles for each surgical procedure.

- Customized profiles: allowing you to configure, store and recall preferences and profiles for each surgical procedure.

- Reliable Barco quality: Stringent quality standards throughout the development cycle guarantee long-term image quality and the protection of your investment.

- Designed for patient safety:
 - fan-less design
- fan-less design
 - Compliant to safety standards
- Compliant to safety standards
 - Protective housing, easy to disinfect

- Protective housing, easy to disinfect

- Designed for the integrated OR:
 - Compact size
- Compact size
 - Easy to install
- Easy to install
 - Remote control for greater access
- Remote control for greater access

Product specifications**MDSC-1119**

General specifications	
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/m ²
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 VGA (D15) RGS (4BNC) S-video Composite video Component video SDI/HD-SDI input/output (optional) DVI fiber optic input (optional)
Interfaces/Ports	4BNC Composite Video 4-pin Mini DIN D15 DVI-I 9pin D-sub No audio RS232
Power requirements (nominal)	100-250V
Power consumption (nominal)	80W
Power save mode	Yes

Product specifications**MDSC-1119**

Power management	DVI-DMPM states supported Power On state Active-Off state 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 Video cables (DVI Dual Link, VGA, SVHS, BNC) Main cables (European (CEBEC/KEMA), USA (UL/CSA)) External power supply
Optional accessories	Barco MDSC Surgical Medical LCD Display Desk Stand Barco MDSC Surgical Medical LCD Display Vesa Extender Barco MDSC Surgical Medical LCD Display Extension Cable 10m Barco MDSC Surgical Medical LCD Display Extension Cable 2.5m
Warranty	3 years

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