

# MDSC-1119

## Near-patient surgical color LCD display



### MDSC-1119 at a glance:

- High-brightness color LCD (1280 x 1024)
- Advanced image processing
- Wide input connectivity for maximum flexibility
- Color accurate images at different viewing angles
- Designed for maximum patient safety

The Barco MDSC-1119 is a 19-inch surgical color display that offers a versatile display solution for endoscopic cameras, room and boom cameras, ultrasound, cardiology, PACS, anesthesiology and patient information. The high-resolution monitor delivers excellent contrast and color depth, helping surgeons to make more informed decisions and perform operations with maximum precision. Thanks to the user-friendly Picture-in-Picture or Picture-by-Picture functionality, views from multiple input signals can easily be combined on a single screen, resulting in optimum efficiency.

The MDSC-1119 offers the fastest image transmission and the highest broadcast quality imaging available today. Enhanced with Barco's outstanding image processing algorithms, such as motion adaptive de-interlacing and noise reduction, the MDSC-1119 delivers artifact- and lag-free images at all times.

The near-patient display has been developed to meet the most stringent patient safety requirements for sterile operating room environments. The monitor's fan-less design avoids the spread of contaminants and anesthetics. Moreover, the MDSC-1119 adheres to the most stringent electromagnetic shielding and leak proofing requirements. Its lightweight and VESA compatibility make the monitor easy to handle and mount onto a cart or boom.

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# Technical specifications

## LCD Panel

Technology:	TFT Active Matrix LCD
Native resolution (H x W):	1,280 x 1,024
Active screen diagonal:	19 inches (482 mm)
Active screen area:	14.8 x 11.9 inches (376 x 301 mm)
Pixel pitch:	0.294 mm

## Visual Characteristics

Brightness:	300 cd/m <sup>2</sup>
Contrast ratio (typical):	700:1
Viewing angle (CR>20):	178 degrees
Display functions:	Gamma, DICOM

## Connectivity and control

Inputs:	DVI-I, VGA (D15), RGBS (4BNC), S-Video, Composite video, Component video (4BNC) DVI fiber optical input  SDI/HD-SDI (BNC) input/output(optional) DVI Fiber optic input (optional)
Control:	RS232 (9-pin D-sub) On Screen Display (OSD)

## Supported resolutions:

- On composite, S-video and component inputs: PAL-Secam 576i, NTSC 480 i/p
- On DVI, VGA and RGBS inputs: VGA up to WUXGA, HDTV 720p and 1080 i/p
- On SD/HD-SDI input: 480i, 576i, HDTV 720p and 1080i

## Features

Picture-in-Picture (PiP) / Picture-And-Picture (PAP)	
PACS imaging:	DICOM LUT (Look-Up-Table)
Video channel:	10-bit

## Power requirements

External DC power supply:	90-264 VAC
Display:	20-24 VDC
Power consumption:	80 Watt max

## Physical characteristics

Display dimensions (WxHxD):	427 x 356 x 81 mm (16.8 x 14.0 x 3.2")
Display weight:	8 kg (17.6 lb)
Mounting:	75 & 100mm VESA

## Approvals

Integral protection:	IPX2
Safety:	UL 60601-1, EN60601-1, CE, c-UL, KETI, PSE EMC: FCC-B, EN 60601-1-2, ICES-001, KETI, VCCI, CCC

Optional accessories	Table stand
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## Request more information

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