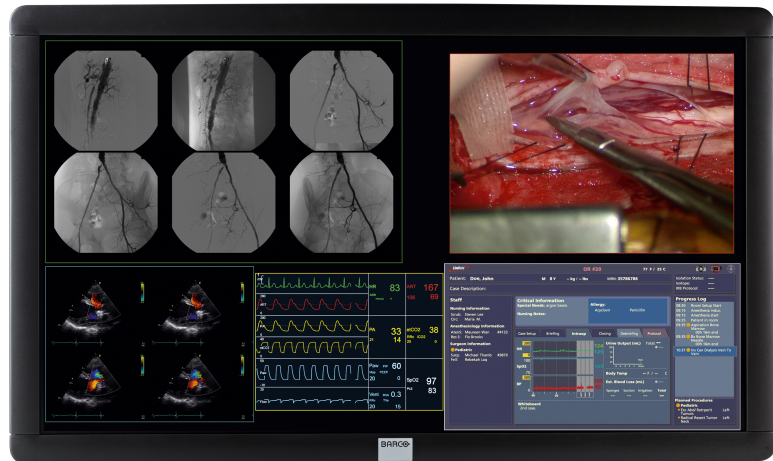# MDSC-8156

56-inch Quad Full HD surgical display

The MDSC-8156 is a large-screen surgical display featuring a 56-inch LCD panel (16:9) with Quad Full HD resolution (3840 x 2160).

Perfect images in the surgical suite
The MDSC-8156 has been designed for use in interventional X-ray and cardiovascular suites, EP labs and hybrid operating rooms. The MDSC-8156 delivers accurate DICOM-compliant grayscale and color images with ultra-low latency, making it the preferred choice for interventional imaging.

Reliable and safe performance
The large-size, ultra high-resolution LCD screen offers a safer and more efficient alternative to multi-monitor configurations deployed in surgical environments. The redundant power supply architecture ensures stable and reliable operation in the most critical conditions.

Benefits:

· Ultra-high resolution (3840 x 2160 pixels)
· Versatile input configurations (4x Single link or 2x Dual link DVI)
· High brightness, high contrast ratio
· Low-latency video processing
· Redundant power supply system
· Laminated safety glass protection screen
· Medical-grade compliance

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Technical specifications

Display technology	SMVA
Active area	1244 x 700 mm
Resolution	QFHD
Pixel density	3840 x 2160 Pixels x 3 colors
Aspect Ratio	16:9
Brightness	450 cd/m² typical
Contrast ratio	1500:1 typical
Response time	6,5 ms typical
Color depth	10 bit
Viewing angle	176° (H) , 176° (V) typical
Surface treatment	"Haze" type; hardness 3H
Color gamut	9300 K / 92% NTSC
Frame rate	60 Hz
Video inputs	Quad Single-Link DVI-D (HD)
Local Control	Keypad (5 keys, OSD assisted)
Remote Control	Serial RS-232 (D-Sub9) or Serial Link over Ethernet (RJ45) selectable
Versions	MDSC-8156: "basic" (w/o glass & w/o redundant power supply MDSC-8156 R: "light" (w/o glass & with redundant power supply) MDSC-8156 GR: "full" (with glass & with redundant power supply)
Power input	100 - 240 Vac 50 / 60Hz
Power consumption	500 W typical (operating) 20 W typical (stand-by)
Operating temperature	+ 0 to +35 °C (operating) -20 to +60 °C (storage)
Operating humidity	
Dimensions	Width: 1345mm Height: 814 mm Depth: 150mm (GR version only)
Weight	75kg (with glass), 62kg (w/o glass)
Mounting	VESA 400
Approvals	IEC 60601-1, IEC 60601-1-2, EN 55011 - Class A, CISPR11 - Class A, EN55024, C-UL-US, FCC, CE

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Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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