MDSC-8258

Slimline 58-inch Quad HD surgical display

QuadHD 3840 x 2160   **8 MP**

COVER   APPROVED   WIDE VIEW   WIDE SCREEN
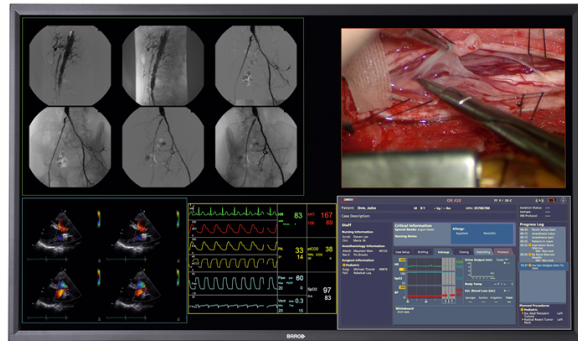
The MDSC-8258 is a slimline, large-screen surgical display with LED backlight, featuring a 58-inch LCD panel (16:9) with Quad HD resolution (3840 x 2160).

Perfect images in the surgical suite

The MDSC-8258 has been designed for use in hybrid operating rooms, interventional X-ray and cardiovascular suites. The MDSC-8258 delivers accurate DICOM-compliant grayscale and color images with ultra-low latency, making it the preferred choice for real-time critical 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 optional configuration with a redundant power supply architecture (RL) ensures stable and reliable operation in the most critical conditions.

Benefits:

· Ultra-high resolution (3840 x 2160 pixels)
· Long-life, low-power LED backlight
· Versatile input configurations (2 sets of 2 x Dual-Link DVI inputs)
· High brightness, high contrast ratio, low-latency video processing
· Slim and lightweight design; medical-grade compliance

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Product specifications	MDSC-8258
Screen technology	a-si TFT active matrix
Active screen size (diagonal)	1473 mm (58.0")
Active screen size (H x V)	1270.08 x 721.44 mm (50 x 28.4")
Aspect ratio (H:V)	16:9
Resolution	8MP (3840 x 2160)
Pixel pitch	0.33075 mm (H) x 0.334 mm (V)
Color imaging	Yes
Color support	16 million
Viewing angle (H, V)	88°
Maximum luminance	700 cd/m² (typical)
Contrast ratio	4000:1 (typical)
Response time	9.5 ms (typical)
Housing color	Black
Video input signals	DVI Dual Link
Power requirements (nominal)	90 ÷ 264 Vac 50Hz/60Hz
Power consumption	400 W (maximum)
Power consumption	35 W (stand-by)
Power save mode	Yes
Dot clock	260 MHz DVI dual link (preferred)
Dimensions (W x H x D)	Version w/o front glass: 1318.5 x 776 x 145.8 mm Version with front glass: 1326.5 x 778 x 153.7 mm
Dimensions packaged (W x H x D)	1540 x 413 x 940 mm
Net weight	46 - 59 kg (depending on version)
Net weight packaged	68.5 - 83 kg (depending on version)
Mounting standard	VESA (400 mm)
Screen protection	Protective, non-reflective glass cover
Recommended modalities	Endoscopy, Laparoscopy, PACS, PM, US, CT, MR
Certifications	MDD 93/42/EEC, amended by 2007/47/EC Class I, IEC 60601-1:2005 + CORR. 1 (2006) + CORR. 2 (2007), EN 60601-1:2006 UL60601-1, 1st Edition, 2006-04-26, ANSI/AAMI ES 60601-1, 3rd edition:2005 EN 60601 3rd edition, CAN/CSA-C22.2 No. 601.1-M90, 2005, CAN/CSA-C22.2 No. 60601-1 (2008), IEC / EN 60601-1-2: 2007, EN 55011 / CISPR11
Supplied accessories	User Guide
Warranty	2 years
Operating temperature	10-35°C for performance / 0-40°C for safety
Storage temperature	-20 ÷ +60°C
Operating humidity	10 ÷ 90% (non-condensing)
Storage humidity	10 ÷ 90% (non-condensing)
Operating altitude	3000m (maximum)

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