

# MDSC-8258

## Slimline 58-inch Quad HD surgical display



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**

<b>Screen technology</b>	a-si TFT active matrix
<b>Active screen size (diagonal)</b>	1473 mm (58.0")
<b>Active screen size (H x V)</b>	1270.08 x 721.44 mm (50 x 28.4")
<b>Aspect ratio (H:V)</b>	16:9
<b>Resolution</b>	8MP (3840 x 2160)
<b>Pixel pitch</b>	0.33075 mm (H) x 0.334 mm (V)
<b>Color imaging</b>	Yes
<b>Color support</b>	16 million
<b>Viewing angle (H, V)</b>	88°
<b>Maximum luminance</b>	700 cd/m <sup>2</sup> (typical)
<b>Contrast ratio</b>	4000:1 (typical)
<b>Response time</b>	9.5 ms (typical)
<b>Housing color</b>	Black
<b>Video input signals</b>	DVI Dual Link
<b>Power requirements (nominal)</b>	90 ÷ 264 Vac 50Hz/60Hz
<b>Power consumption</b>	400 W (maximum)
<b>Power consumption</b>	35 W (stand-by)
<b>Power save mode</b>	Yes
<b>Dot clock</b>	260 MHz DVI dual link (preferred)
<b>Dimensions (W x H x D)</b>	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
<b>Dimensions packaged (W x H x D)</b>	1540 x 413 x 940 mm
<b>Net weight</b>	46 - 59 kg (depending on version)
<b>Net weight packaged</b>	68.5 - 83 kg (depending on version)
<b>Mounting standard</b>	VESA (400 mm)
<b>Screen protection</b>	Protective, non-reflective glass cover
<b>Recommended modalities</b>	Endoscopy, Laparoscopy, PACS, PM, US, CT, MR
<b>Certifications</b>	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
<b>Supplied accessories</b>	User Guide
<b>Warranty</b>	2 years
<b>Operating temperature</b>	10-35°C for performance / 0-40°C for safety
<b>Storage temperature</b>	-20 ÷ +60°C
<b>Operating humidity</b>	10 ÷ 90% (non-condensing)
<b>Storage humidity</b>	10 ÷ 90% (non-condensing)
<b>Operating altitude</b>	3000m (maximum)