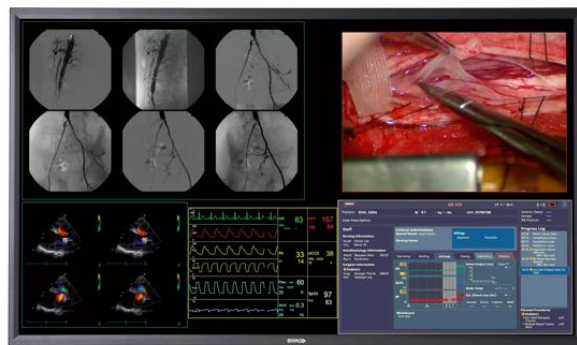
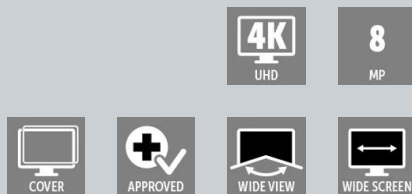


MDSC-8258

4K UHD slimline surgical display



- For perfect hand-eye coordination
- Flexible multi-modality imaging
- Medical-grade and smart design

The MDSC-8258 is a slimline, large-screen surgical display with LED backlight, featuring a 58-inch LCD panel (16:9) with UHD 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
- 58-inch wide-screen color LCD with UHD resolution
- Wide viewing angle
- Advanced image processing algorithms
- 2 sets of 2 x Dual-Link DVI Inputs or 1 set of 2 x Dual-Link DVI Inputs + 1 x Nexxis video-over IP optical link

Product specificaties

MDSC-8258

General specifications	
Scherntechnologie	a-si TFT active matrix
Actief schermformaat (diagonaal)	1473 mm (58.0")
Formaat actief scherm (H x V)	1270.08 x 721.44 mm (50 x 28.4")
Beeldverhouding (H:V)	16:9
Resolutie	8MP (3840 x 2160)
Pixelpitch	0.33075 mm (H) x 0.334 mm (V)
Beeldkleur	Yes
Kleurondersteuning	16 million
Kijkhoek (H, V)	178°
Maximale luminantie	700 cd/m² (typical)
Contrastverhouding	4000:1 (typical)
Reactietijd	9.5 ms (typical)
Kleur behuizing	Black
Video-ingangssignalen	DVI Dual link Option: Nexxis MNA-240 Decoder (for uncompressed video-over-IP)
Voedingsvereisten (nominaal)	90 ÷ 264 Vac 50Hz/60Hz
Energieverbruik	400 W (maximum)
Energieverbruik	35 W (stand-by)
Energiebesparingsmodus	Yes
Puntklok	260 MHz DVI dual link (preferred)
Afmetingen (B 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
Afmetingen verpakt (B x H x D)	1540 x 413 x 940 mm
Nettogewicht	46 -59 kg (depending on version)
Nettogewicht verpakt	68.5 -83 kg (depending on version)
Montagestandaard	VESA (400 mm)
Bescherming van het scherm	Protective, non-reflective glass cover
Aanbevolen procedures	Endoscopy, Laparoscopy, PACS, PM, US, CT, MR
Certificeringen	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
Meegeleverde accessoires	User Guide
Garantie	2 years
Bedrijfstemperatuur	10-35°C for performance / 0-40°C for safety
Opslagtemperatuur	-20 ÷ +60°C
Vochtigheid in bedrijf	10 ÷ 90% (non-condensing)
Vochtigheid bij opslag	10 ÷ 90% (non-condensing)
Bedrijfshoogte	3000m (maximum)
Opslaghoogte	12000m (maximum)

Laatst bijgewerkt: 08 Jul 2024

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