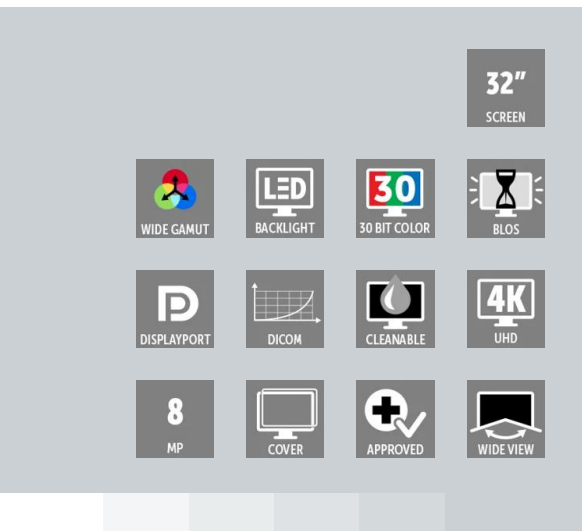


MDSC-8532 - SSTP

4K UHD surgical display



- Distinctive design, optimized for the operating room
- Flexible multi-modality imaging
- Fabulous 4K image quality
- BT.2020 compatible
- DP 1.2 SST and MST signals accepted

With the MDSC-8532 surgical display, you'll experience excellence in surgical precision on one of the most versatile displays in the operating room. Providing you with our recognized image quality, this 4K UHD display offers exceptional brightness and crisp contrast.

True-to-life colors in the surgical site

The MDSC-8532 has been designed for endoscopy imaging and the integrated operating room. The display has a wide color gamut and offers advanced color calibration algorithms. This results in accurate color reproduction, making it the preferred choice for real-time imaging.

User friendly

The dual user interface - there is one at the front as well as at the back - makes it easy to operate the display. The intuitive user interface allows you to easily set up the screen or change the display's layout configurations to fit the procedure. On top of that, dedicated shortcut buttons further enable fluent configuration of the display.

Distinctive design

The 32" screen is designed in a stylish and sleek industrial style, envisioned to assure a professional, purposeful, and elegant fit for the surgical suite. Moreover, the MDSC-8532 SSTP is fanless, which contributes to its low weight.

Safety

In the MDSC-8532, our automated failover feature has been further improved with a faster switching time and the possibility to have a 4K UHD image as backup. The display is easy to disinfect thanks to the smooth surface and splash-proof housing. The integrated cable cover combined with the rubber joystick ensure optimal hygiene. Approved for use in patient vicinity area.

Models

- MDSC-8532 SSTP: 32" 4K display with SST DisplayPort connectivity and protective cover
- MDSC-8532 SSTP BL: black version

Product specificaties

MDSC-8532 - SSTP

General specifications	
Scherntechnologie	TFT AM LCD / LED backlight
Actief schermformaat (diagonaal)	27" (684 mm)
Formaat actief scherm (H x V)	596 x 335 mm
Beeldverhouding	16:9
Resolutie	3840 x 2160 pixels
Pixelpitch	0.155 mm
Kleurondersteuning	1 billion (10 bit color depth)
Kleurenspectrum	Native: 88% NTSC
Kleurkalibratie	ITU-709, DCI-P3, BT.2020 (BT.2020 reproducible colors are within the limit of the LCD panel)
Kijkhoek	178° Hor / 178° Ver
Luminantie	Native: 800 cd/m ² (typical) Default setting: 550 cd/ m ² stabilized @6500K & Native color space
Contrastverhouding	1000:1 (Typical)
Reactietijd	T _{on} + T _{off} = 16 msec (typical)
Wit punt	Calibrated: 5600K, 6500K, 7600K, 9300K
Gammacurve	Native, 1.8, 2.0, 2.2, 2.4, Video1, Video2, DICOM (review level)
Schermbescherming aan voorzijde	2-side anti-reflective alkali-aluminosilicate glass with anti-fingerprint coating
Keyboard	Front: 5-key capacitive touch -user programmable Rear: 5-key membrane
Video-ingangen	4K-UHD input: 1x DP 1.2 SST / MST up to 3840 x 2160 @ 50/60 Hz (user configurable) 2x HDMI 2.0 up to 3840 x 2160 @ 50/60 Hz FHD input (upscaled to UHD): 1x DVI 1x 3G-SDI; Note: DP, HDMI and DVI all support HDCP 1.4
Video-uitgangen	DP 1.2 SST (main input copy) 3G-SDI (loop-through)
Andere connectiviteit	USB-A (Field FW update with USB stick) USB-B (remote control serial protocol)
Kenmerken	User-programmable function keys, Picture-in-Picture, Picture-by-Picture, Image Mirror and Rotation, Zoom, Pan, Failover mode, User profiles, High quality upscaling from SD / FHD input to UHD, FW upload from memory stick
Optional accessories	DC power extension cables: 5m (16.4ft): K3495079 15m (49.2ft): K3495078 20m (65.6ft): K3495081 25m (82.0ft): Z3405337 External power supply: PSU-ATM200T-P250 25V: K9352481
Energieverbruik	Max. 90W / 24V ± 10% Low power mode: 2.0W typical
Externe voeding	AC input: 100 – 240 VAC / 47-63 Hz auto-switch DC output: +25 VDC / 8 A Dimensions: 204 x 81 x 43 mm (8.0 x 3.2 x 1.7") Weight: 0.9 kg (2 lbs)
Uitvoer (gelijkstroom)	DP connector: +3.3 V / 500 mA USB connector: +5 V / 1 A
Afmetingen (B x H x D)	657 x 418 x 75 mm (25.9 x 16.5 x 3.0")
Afmetingen verpakt (B x H x D)	750 x 660 x 170mm (29,5 x 26,0 x 6,7")

Product specificaties	MDSC-8532 - SSTP
Net weight display	9.1 kg (20.0 lbs)
Nettogewicht verpakt	14.4 kg (31.7 lbs)
Montagestandaard	VESA 100 x 100 mm
Bedrijfstemperatuur	0 °C to 35 °C for performance 0 °C to 40 °C for safety
Opslagtemperatuur	-20 °C to 60 °C
Vochtigheid in bedrijf	20% to 85% (non-condensing)
Vochtigheid bij opslag	10% to 85% (non-condensing)
Bedrijfshoogte	3000 m max. / 70 kPa
Opslaghoogte	5500 m max. / 50 kPa
Certificeringen	■ Approvals/Marking: CE (Medical Device Class I), c-UL-us, DEMKO, CCC ■ Green compliance: ROHS-3, REACH, WEEE ■ ANSI/AAMI ES 60601-1:2005/(R)2012 ■ CAN/CSA-C22.2 No. 60601-1: 14 ■ IEC 60601-1: 2012 Edition 3.1 ■ EN 60601-1: 2006 + A1:2013 + A12:2014 ■ IEC 60601-1-2: 2014 + A1:2020 ■ EN 60601-1-2: 2015 + A1:2021 ■ FCC CFR 47 Part 15 Subpart B (Class B) ■ ICES-003 (Class B) ■ GB17625.1-2012; GB4943.1-2011; GB/T9254-2008 ■ IS 13252(Part 1):2010 / IEC 60950-1:2005 (pending) ■ UL 60950-1, 2nd Edition (to make the equivalence with NOM-019)
Beschermingsniveau	IP21 (IP45 front side only)
Garantie	3 years

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