

MM-12003

27" Ultra HD display Medical Monitor



FEATURES

- 27" Ultra HD display with optically bonded and anti-glare coated safety glass for unsurpassed visualization capabilities.
- MDR certified product.
- White glass cover lens without color shift.
- Optional PCAP 10-point touchscreen.
- Multi-signal and multi-format FPGA-based image processing with various wired and wireless control options.
- 7 illuminated soft-touch function keys on the front glass and LED status bar.
- Edge-to-edge glass surface and patent-pending, screwless design allows for easy and faster cleaning and disinfection procedures.
- Fully sealed aluminium housing and fanless design with 360 degrees anti-bacterial treatment for patient and operator safety.

MM-12003	
TFT PANEL	27"
DIMENSIONS (W X H X D)	673 x 415 x 78 mm
RESOLUTION	3840 x 2160
COLOURS	1.07 billion
PIXEL PITCH	0.155 x 0.155 mm
LCD CONTRAST RATIO	1000:1
RESPONSE TIME	16 ms
LCD LUMINANCE	800 cd/m ²
VIEWING ANGLE V/H	178°/178°
COLOUR SPACE	90% NTSC
PICTURE MODE	PIP size (10%; 20%; 30%; 50%) Side-by-Side
COLOUR SPACE	Native, BT2020, sRGB, Adobe RGB
COLOUR TEMPERATURE	3200 ... 9600
GAMMA	1.8; 2.0; 2.2; 2.35; 2.6
PRESETS	4 + factory
CALIBRATION	Autocalibration
SCALER BOARD	2x HDMI 2.0, 1x HDMI 2.0 out, 2x 3/6/12G-SDI, 2x 3G-SDI for 3G-SDI quad-operation, 1x 3/6/12G-SDI out, 1x calibration
MONITOR MANAGEMENT BOARD	1x USB 2.0 downlink socket A 1x USB 2.0 uplink socket B 1x 5V/1A
OPTIONAL COMMUNICATION MODULE	LAN/WLAN LAN/RS-232
USER INTERFACE	7 illuminated touch buttons on the front glass with the following functions: On/Off, Menu/ Enter, Up, Down, Exit, Programmable 1, Programmable 2
POWER	24V DC (external medical-grade PSU)
HOUSING	Aluminium powder-coated, anti-bacterial Screwless design with IP 54 protection
MOUNTING	VESA 100 x 100 and 200 x 100
OPERATING	0°C to +30°C / 5% to 90% rel. humidity (non-condensing)
STORAGE	-10°C to +60°C / 5% to 90% rel. humidity (non-condensing)
CERTIFICATIONS	IEC 60601-1:2005, IEC 60601-1:2005/ AMD1:2012 IEC 60601-1-6:2010, IEC 60601-1-6:2010/ AMD1:2013 National Differences: CA, US, CH, JP, KR ANSI/AAMI ES60601-1:2005 +C1 (2009) +A1 (2012) +A2 (2010) CAN/CSA C22.2 No. 60601-1:14
WARRANTY	1 Year