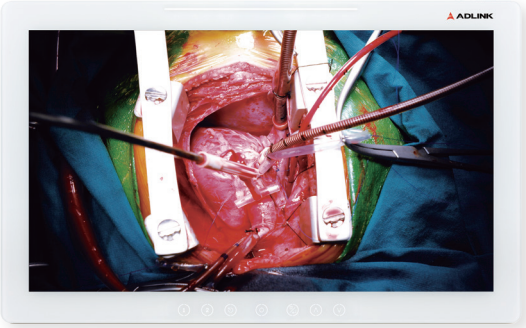
ASM27FHB

Full HD Surgical Monitor Series

Features

- MDR certified product
- 27" Full HD display with optically bonded and anti-glare coated safety glass for unsurpassed visualization capabilities
- 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



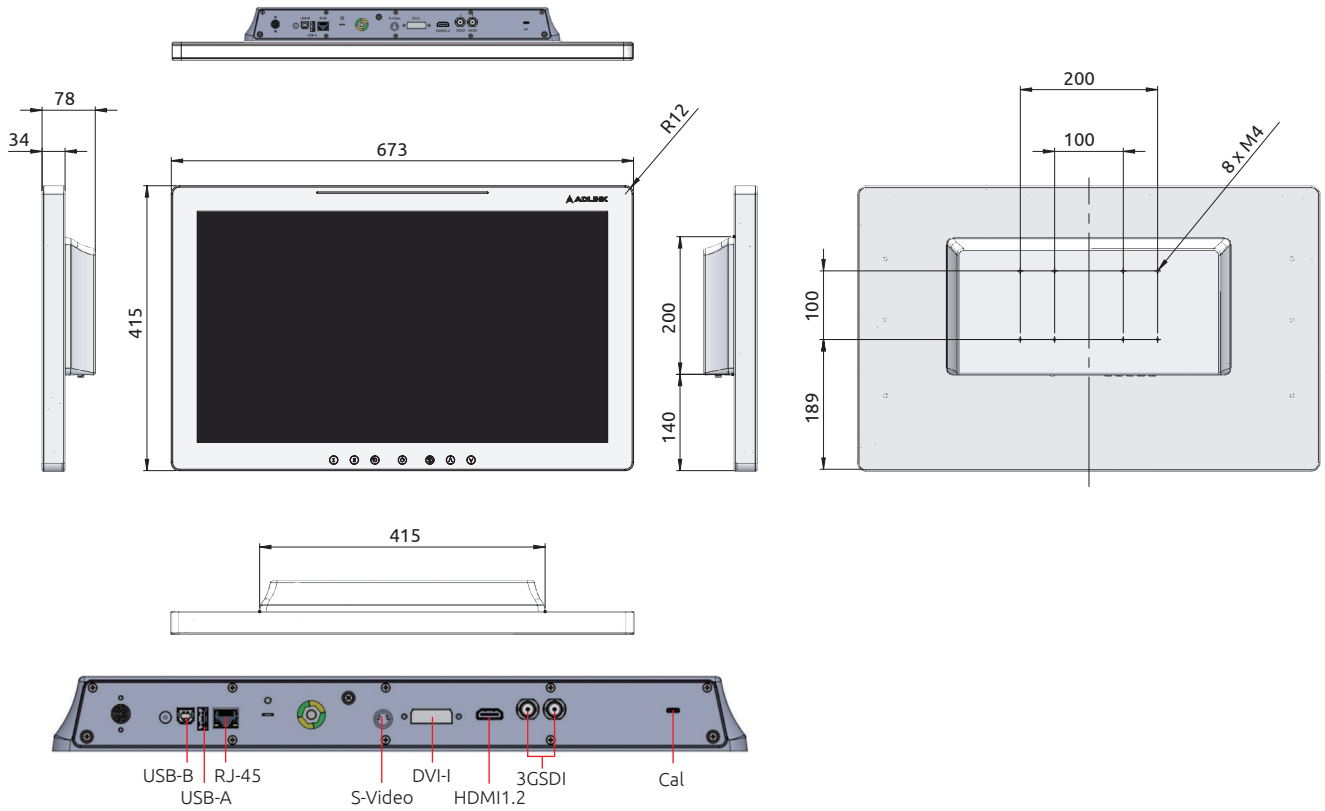
Display		
TFT Panel		27"
Resolution		1920 x 1080
Colours		1.07 Billion
Pixel Pitch		0.311 x 0.311 mm
LCD Contrast Ratio		1000:1
Response Time		14 ms
LCD Luminance		900 cd/m²
Viewing Angle V/H		178°/178°
Colour Space		89% NTSC
Interfaces		
I/O	Scaler Board	2x 3G-SDI
		1x HDMI 1.2
		1x DVI-I
		1x Y/C (Mini-DIN 4-pin)
		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
		Menue / Enter
		Up
		Down
		Exit
		Programmable 1
		Programmable 2

Settings	
Picture Mode	PIP
	PIP size (10%; 20%; 30%; 50%)
	Side-by-Side
Colour Space	Native
	Rec709
	sRGB
	Adobe RGB
Colour Temperature	3200 … 9600
Gamma	1.8; 2.0; 2.2; 2.35; 2.6
Presets	4 + factory
Calibration	Autocalibration
Electrical	
Power	24V DC (external medical-grade PSU)
Mechanical	
Dimensions (WxHxD)	673 x 415 x 78 mm
Weight (approx.)	12.4 kg
Housing	Aluminium powder-coated, anti-bacterial Screwless design with IP 54 protection
Mounting	VESA 100 x 100 and 200 x 100
Environmental	
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)
Certificates	
	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

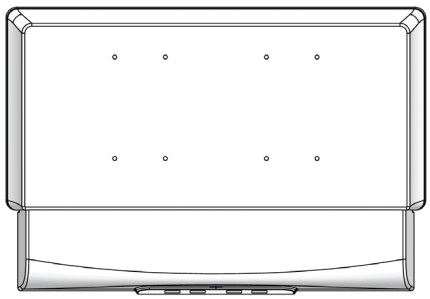
Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

ASM27FHB

Dimensions



Ordering Information	
ASM24FHB	23.8"; 1920 x 1080; 625 cd/m²; 1000:1; 178°/178°; Rec709, 3G-SDI, DVI-I; HDMI 1.2
ASM27FHB	27"; 1920 x 1080; 900 cd/m²; 1000:1; 178°/178°; Rec709; 3G-SDI; DVI-I; HDMI 1.2
ASM27UHB	27"; 3840 x 2160; 800 cd/m²; 1000:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0
ASM32U	31.5"; 3840 x 2160; 400 cd/m²; 3000:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0
ASM32UHB	32"; 3840 x 2160; 850 cd/m²; 1500:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0
ASM24FHB-T	23.8" PCAP; 1920 x 1080; 625 cd/m²; 1000:1; 178°/178°; Rec709, 3G-SDI, DVI-I; HDMI 1.2
ASM27FHB-T	27" PCAP; 1920 x 1080; 900 cd/m²; 1000:1; 178°/178°; Rec709; 3G-SDI; DVI-I; HDMI 1.2
ASM27UHB-T	27" PCAP; 3840 x 2160; 800 cd/m²; 1000:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0
ASM32U-T	31.5" PCAP; 3840 x 2160; 400 cd/m²; 3000:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0



Cable cover on Interface board

ADLINK
LEADING EDGE COMPUTING

www.adlinktech.com

All products and company names listed are trademarks or trade names of their respective companies.
Updated July 7, 2023. ©2023 ADLINK Technology, Inc. All Rights Reserved.
All specifications are subject to change without further notice.

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000