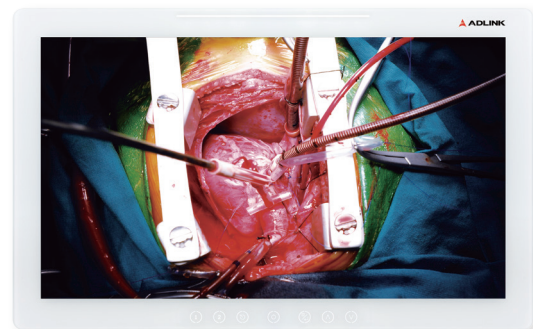


ASM27FHB

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

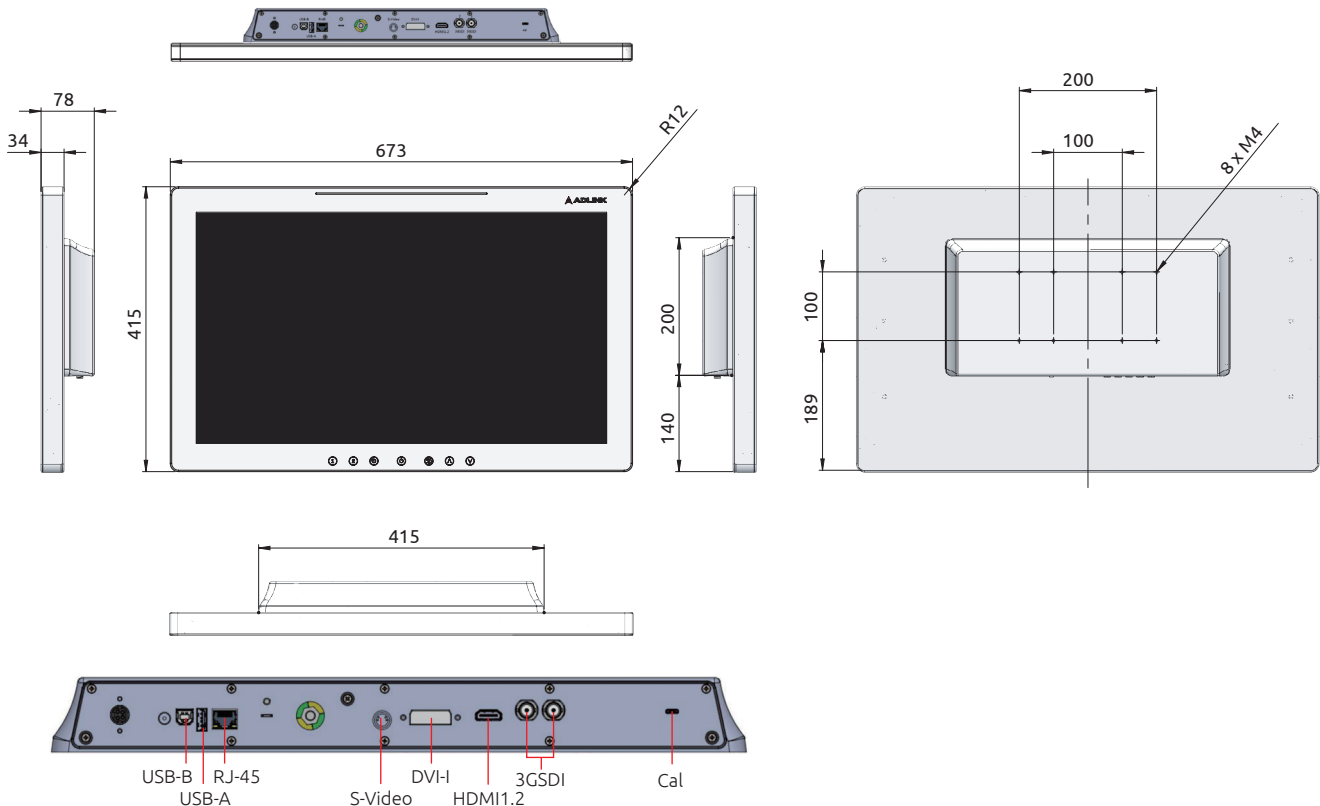


Display		
TFT Panel	27"	
Resolution	1920 x 1080	
Colours	1.07 Billion	
Pixel Pitch	0.311 x 0.311 mm	
LCD Contrast Ratio	1000:1	
Response Time	14 ms	
LCD Luminance	900 cd/m ²	
Viewing Angle V/H	178°/178°	
Colour Space	89% NTSC	
Interfaces		
I/O	Scaler Board	2x 3G-SDI
		1x HDMI 1.2
		1x DVI-I
		1x Y/C (Mini-DIN 4-pin)
	Monitor Management Board	1x calibration
		1x USB 2.0 downlink socket A
		1x USB 2.0 uplink socket B
	Optional Communication Module	1x 5V/1A
		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		

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

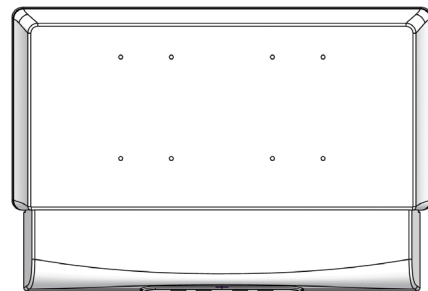
ASM27FHB

Dimensions



Ordering Information

ASM24FHB	23.8"; 1920 x 1080; 625 cd/m ² ; 1000:1; 178°/178°; Rec709, 3G-SDI, DVI-I; HDMI 1.2
ASM27FHB	27"; 1920 x 1080; 900 cd/m ² ; 1000:1; 178°/178°; Rec709; 3G-SDI; DVI-I; HDMI 1.2
ASM27UHB	27"; 3840 x 2160; 800 cd/m ² ; 1000:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0
ASM32U	31.5"; 3840 x 2160; 400 cd/m ² ; 3000:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0
ASM32UHB	32"; 3840 x 2160; 700 cd/m ² ; 1350:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0
ASM24FHB-T	23.8" PCAP; 1920 x 1080; 625 cd/m ² ; 1000:1; 178°/178°; Rec709, 3G-SDI, DVI-I; HDMI 1.2
ASM27FHB-T	27" PCAP; 1920 x 1080; 900 cd/m ² ; 1000:1; 178°/178°; Rec709; 3G-SDI; DVI-I; HDMI 1.2
ASM27UHB-T	27" PCAP; 3840 x 2160; 800 cd/m ² ; 1000:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0
ASM32U-T	31.5" PCAP; 3840 x 2160; 400 cd/m ² ; 3000:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0



Cable cover on Interface board