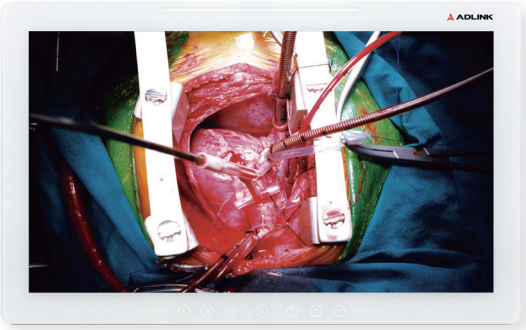
ASM32U

Ultra HD Surgical Monitor Series

Features

- MDR certified product
- 31.5" Ultra 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



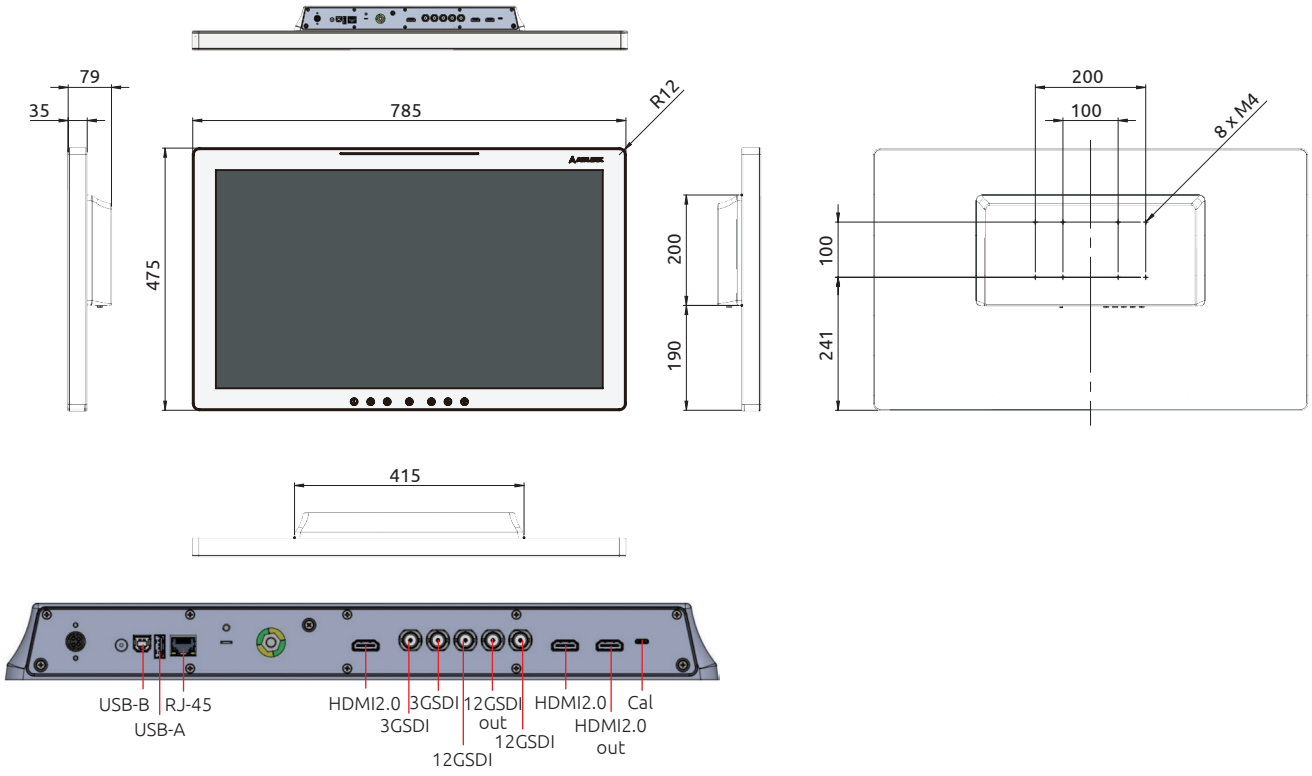
Display		
TFT Panel		31.5"
Resolution		3840 x 2160
Colours		1.07 Billion
Pixel Pitch		0.181 x 0.181 mm
LCD Contrast Ratio		3000:1
Response Time		9.5 ms
LCD Luminance		400 cd/m²
Viewing Angle V/H		178°/178°
Colour Space		95% NTSC
Interfaces		
I/O	Scaler Board	2x HDMI 2.0
		1x HDMI 2.0 out
		2x 3/6/12G-SDI
		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
		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
	BT.2020, BT.709, BT.601
	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)	785 x 475 x 79 mm
Weight (approx.)	14.7 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

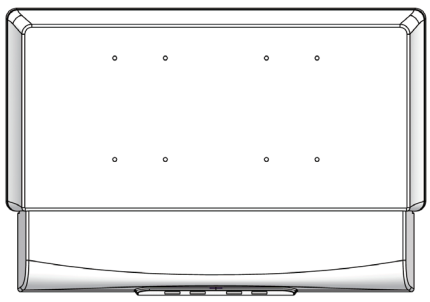
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ASM32U

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

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