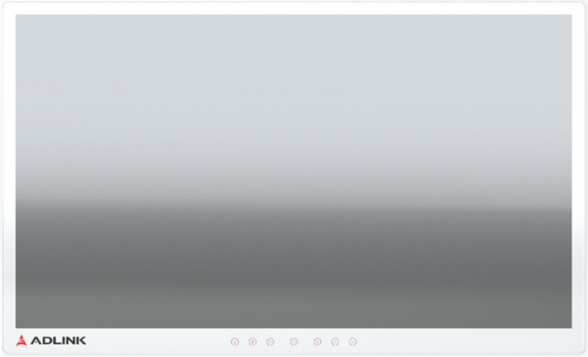
ASM43UHB

Ultra HD Surgical Monitor

Features

- EU MDR class I medical product
- 43" Ultra HD display with optically bonded and anti-reflection coated safety glass for unsurpassed visualization capabilities
- White glass cover lens without color shift
- 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
- Edge-to-edge glass surface and optimized design allows for easier and faster cleaning and disinfection procedures
- Fully sealed aluminium / ABS housing and fanless design with 360 degrees anti-bacterial treatment for patient and operator safety



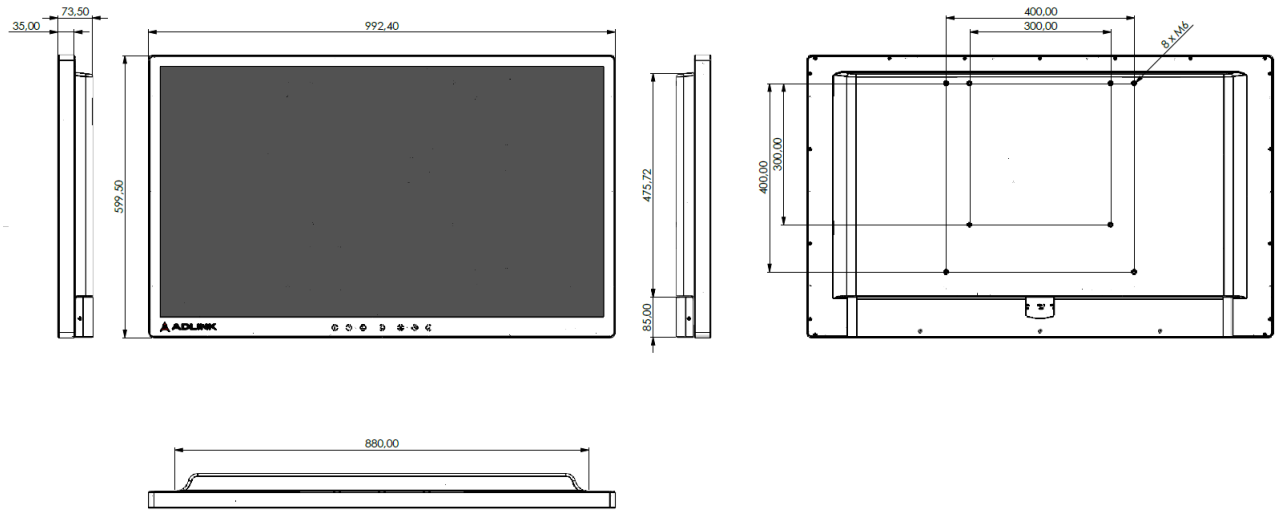
Display		
TFT Panel		43" IPS-equivalent color panel
Resolution		3840 x 2160
Colours		1.07 Billion
Pixel Pitch		0.245 x 0.245 mm
LCD Contrast Ratio		1200:1
Response Time		8 ms
LCD Luminance		700 cd/m²
Viewing Angle V/H		178°/178°
Colour Space		72% NTSC
Interfaces		
I/O	Scaler Board	2x HDMI 2.0 in
		1x HDMI 2.0 out
		1x DP 1.4 in and 1x DP 1.4 out
		2x 3/6/12G-SDI in
		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	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

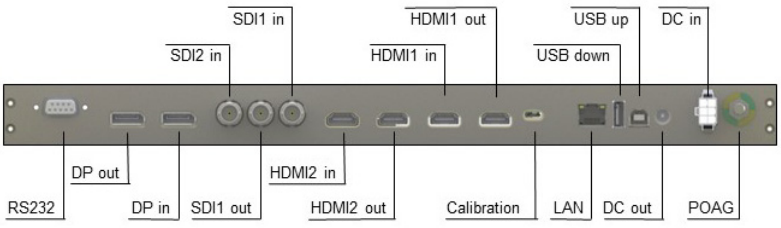
Settings	
Picture Mode	PIP
	PIP size (10%; 20%; 30%; 50%)
	Side-by-Side
Color Space	Native
	BT.2020, BT.709, BT.601
	sRGB
	Adobe RGB
Color Temperature	3200 … 9600
Gamma	1.8; 2.0; 2.2; 2.35; 2.4; 2.6; HLG; PQ
Presets	4 + Factory
Calibration	Auto-calibration
Electrical	
Power	24V DC (external medical-grade PSU)
Mechanical	
Dimensions (WxHxD)	993 x 600 x 74 mm
Weight (approx.)	19 kg
Housing	Glass, aluminium, ABS; anti-bacterial IP 33 protection with cable cover
Mounting	VESA 300 x 300 and 400 x 400
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	
	MDR 2017/745 EU EN 60601-1:2006/A1:2013 EN 62366:2008 LVD 2014/35 EU EN / IEC 62368-1:2018 RoHS 2011/65/EU & 2015/863/EU

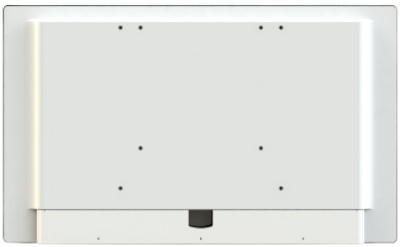
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ASM43UHB

Dimensions







Cable cover on Interface board

Ordering Information	
ASM43UHB	43" ; 3840 x 2160; 700 cd/m²; 1200:1; 178°/178°; BT2020; 12G-SDI; HDMI 2.0; DP 1.4

ADLINK
LEADING EDGE COMPUTING

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