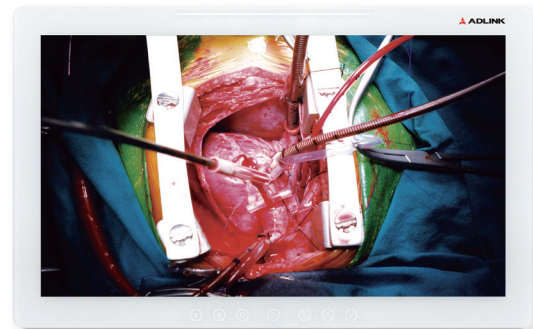


ASM32UHB

Ultra HD Surgical Monitor Series

Features

- MDR certified product
- 32" Ultra HD display with optically bonded and anti-glare 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 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

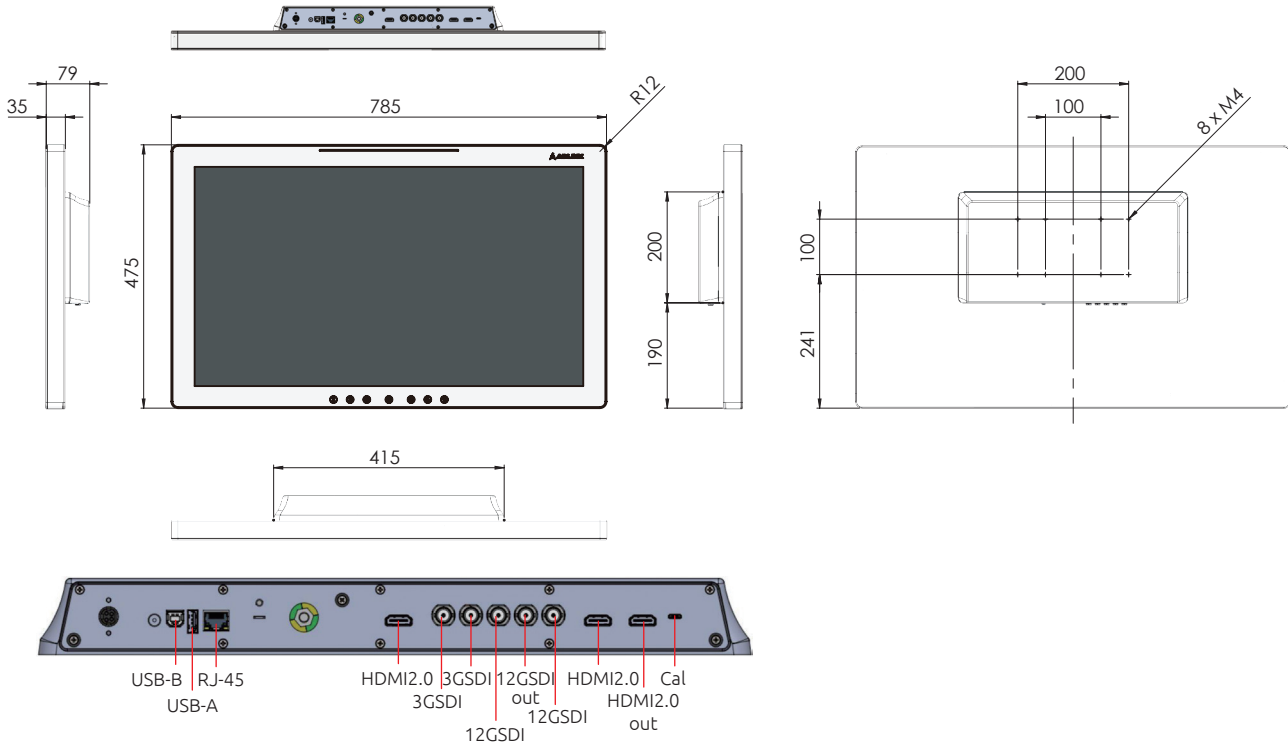


| Display | | |
|--------------------|--|-------------------------------------|
| TFT Panel | 32" | |
| Resolution | 3840 x 2160 | |
| Colours | 1.07 Billion | |
| Pixel Pitch | 0.184 x 0.184 mm | |
| LCD Contrast Ratio | 1350:1 | |
| Response Time | 18 ms | |
| LCD Luminance | 700 cd/m ² | |
| Viewing Angle V/H | 178°/178° | |
| Colour Space | 105% 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 |
| | 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 |
| | BT2020 |
| | 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 | |

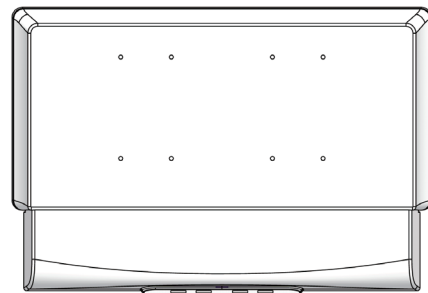
ASM32UHB

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