

# PAX-332 3D

## 32" 4K 3D Surgical Monitor



### Features

- Flicker free polariser 3D technology
- High Brightness and High Contrast Ratio
- 4K UHD Native Resolution (3840 x 2160)
- HDMI 2.0, DP 1.2, DVI, support for multiple 3D formats
- Half SbS / Full SbS / Top Bottom / LbL / Sequential
- SDI Support Up to 3840 x 2160 @ 60 Hz (4K SDI 3G x 4)
- DVI Support Up to 3840 x 2160 @ 30 Hz
- Video Enhancement features including:
  - 14-bit LUT processing
  - DICOM Part 14 GSDF Compliant
  - DICOM, Clear, Blue modes support



### Introduction

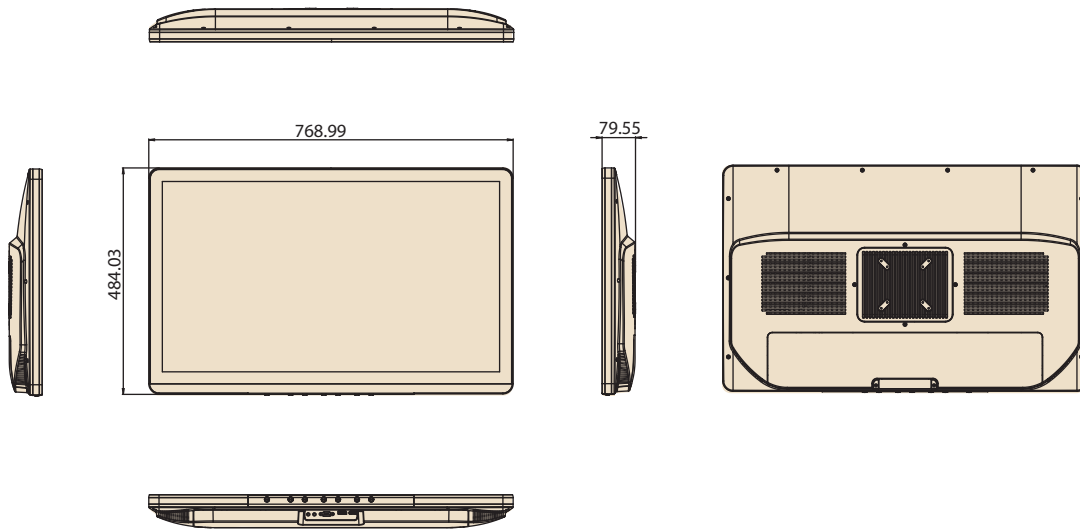
Advantech PAX-332 3D is a surgical display designed to support all major 3D video formats and input types. Featuring high brightness and precise color calibration, it delivers accurate visualization of 3D imaging outputs from endoscopy, laparoscopy, and robotic surgery systems. With SDI connectivity, the monitor can also process independent left- and right-eye signals in SIMULINK mode, ensuring seamless and reliable stereoscopic performance in the operating room.

### Specifications

		PAX-332-C8L-HAU-3D	
LCD	Screen Size	32" (708.48 x 398.52 mm)	
	Resolution	3840 x 2160	
	Aspect Ratio	16 : 9	
	Pixel Pitch	0.1845 x 0.1845 mm	
	Viewing Angle	(2D) L/R 178°	
		U/D 178°	
		(3D) U/D 20°	
	Contrast Ratio (Typ.)	1,500 : 1	
	Native Luminance (Typ.)	850 nits	
	Color Depth	10-bit 1.07B Colors	
Display Mode	AHVA		
Response Time	18ms (Tr+Tf)		
Backlight	LED		
Input	HDMI 2.0 Input	HDMI Jack x 1 (Type A)	Digital RGB: TMDS, 3840 x 2160 @ 60 Hz max.
	DVI Input	DVI Jack x 1 (Type D)	Digital RGB: TMDS, 3840 x 2160 @ 30 Hz max.
	USB Up	USB-B Jack x 1	For Optional Touchscreen
	RS-232C	D-Sub Jack x 1	Service Port
	DP 1.2 Input	DP Jack x 1	DisplayPort 1.2, 3840 x 2160 @ 60 Hz max.
Optional Input	AVAS	SFP+ Module x 1	For Video Over IP Option, Please Contact Sales
	SDI 12G Input	BNC Jack x 2	PAX-332-C8L-HAU-3D / For SIMULINK 2x12G 3D Input
Output	HDMI 2.0 Output	HDMI Jack x 1 (Type A)	Digital RGB: TMDS, 3840 x 2160 @ 60 Hz max.
	DVI Output	DVI Jack x 1 (Type D)	Digital RGB: TMDS, 3840 x 2160 @ 30 Hz max.
	DC Power Output	DC Jack x 1	DC 5 V or DC 12 V
Optional Output	DP 1.2 Output	DP Jack x 1	DisplayPort 1.2 MST or Clone
Environment	Temperature	Operational	0 ~ 40 °C
		Storage	-20 ~ 60 °C
	Humidity	Operational	Ta = 40 °C, 90% RH non-condensed
		Storage	5 ~ 90%
	Pressure	Operational	500 hPa to 1013 hPa
		Storage	500 hPa to 1013 hPa
Power	Rating	DC 24V 10.41A Max.	
	Consumption (Typ.)	127.7W max.	
Physical Characteristics	IP Ratings	Front IP65 / Top IPX1	
	VESA Mount	100 x 100; 75 x 75 mm	
	Dimension (W x D x H)	768.99 x 79.55 x 484.03 mm	
	Weight	12.62kg max.	
Certifications	CE MDR (EN60601-1; EN60601-1-2), RoHS II		
Warranty	3 Years		

## Dimensions

Unit: mm



## Ordering Information

Part Number	Brightness	Power Consumption	Optional	Glass Specification	Weight
PAX-332-C8L-HAU-3D	850 nits	127.7W	12G x 2 SIMUL	Anti-Reflection	12.62kg

## Optional Items

### Power Cord

Part Number	Description
1702002605	Power Cord (Europe) 1.8 M
1702002600	Power Cord (USA) 1.8 M
1700018704	Power Cord (UK) 1.8 M
AVAS-OPAC-0013	AOC HDMI Cable 4Kp60 20M
AVAS-OPAC-0014	AOC HDMI Cable 4Kp60 30M
AVAS-OPAC-0015	AOC HDMI Cable 4Kp60 50M

## Packing List

Part Number	Description	Qty
PAX-332-C8	32" 4K Surgical Monitor	1
96PSA-A250W24H10-M	Power Adapter	1
96PD-01855	FPR Type 3D Glasses	1
1700028438-01	HDMI Cable 1.8M	1

\*Touch panel models only.

## Recommended Mounting Solution

Model Name	ARES-2423S	
Part Number	ARES-2423S-A770L00	ARES-2423S-A770L01
Photo		
Max. Support Weight	4 ~ 12kg	
Max. Support Panel Size	24" ~ 34"	
VESA Information	75 x 75 mm 100x100 mm	

For more information, please click this link: <https://bit.ly/3T7dLMR>