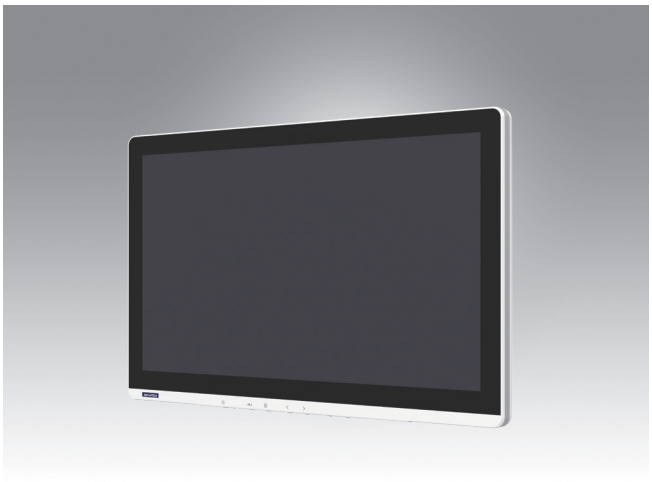
PAX-127 Series

27" FHD Surgical Monitor



Features

- Widescreen 27" 1920x1080 resolution
- Optional 10-point touch function
- Gamma and DICOM calibrations
- Compliant with EN60601-1 MDR, EN60601-1-2 medical EMC and CCC certified

Introduction

PAX-127 is a versatile monitor with touch panel option. Suitable for applications in hospitals and clinical practice. With wipe clean surfaces and medical EMC compliance is ideal for equipment integrators.

Specifications

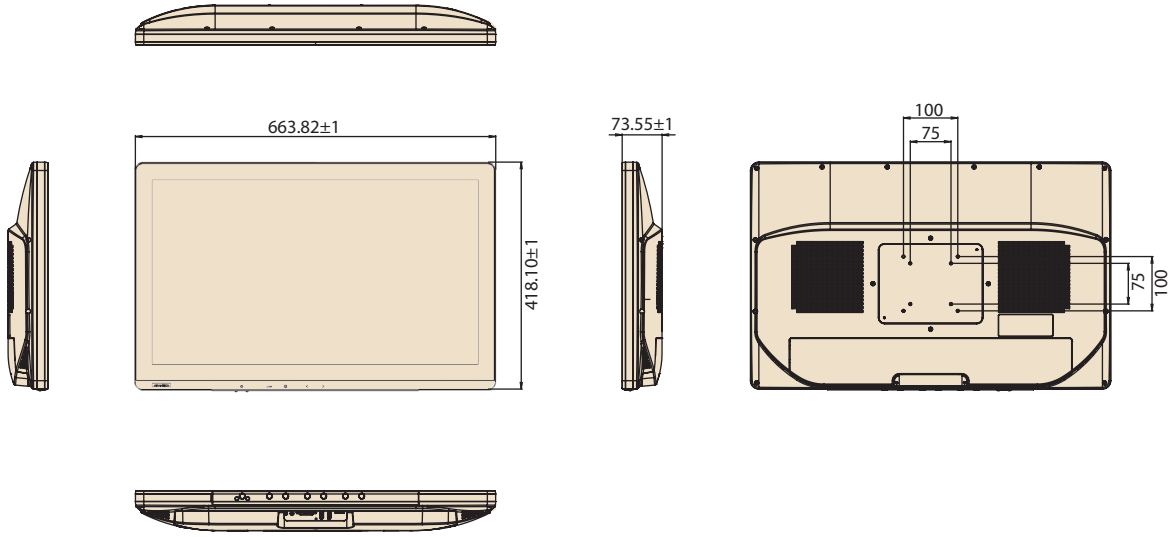
LCD	Resolution		1920 x 1080
	Aspect Ratio		16:9
	Pixel Pitch		0.3114 x 0.3114 mm
	Viewing Angle		178°/ 178°
	Contrast Ratio (Typ.)		1000:1
	Native Luminance (Typ.)		300cd/m² (Typical), 200±7 cd/m² (DICOM calibrated)
	Color Depth		8-bit 16.7M Colors
	Display Mode		IPS
	Response Time		14ms (Tr + Tf)
	Touchscreen	OPTIONAL	10-point PCAP
	Backlight		LED
Input	DP 1.2 Input	DP Jack x 1	DisplayPort 1.2, 1920 x 1080 @ 60Hz max.
	HDMI 1.4 Input	HDMI Jack x 1 (Type A)	Digital RGB: TMDS, 1920 x 1080 @ 60Hz max.
	DVI Input	DVI Jack x 1	Digital RGB: TMDS, 1920 x 1080 @ 60Hz max.
	Stero Mic		3.5mm Audio Jack x 1
	DC Power Input	4-pin DIN Jack x 1	DC 12V, 2.53A Max
Output	HDMI 1.4 Output	HDMI Jack x 1 (Type A)	Digital RGB: TMDS, 1920 x 1080 @60Hz max. loop out
	Stero Mic	3.5mm Audio Jack	Loop Out
	USB UP	USB-B	Touchscreen
	Internal Speakers		2x3W
	USB 2.0		2 ports
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 12V, 2.53A
	Consumption (Typ.)		77.3W max.
Physical Characteristics	IP Ratings VESA Mount		Front IP65 / Top IPX1 100 x 100; 75 x 75 mm
	Dimension (W x D x H)		663.83 x 73.55 x 418.11 mm
	Weight		8.9kg max
Certifications	CE MDR (EN60601-1; EN60601-1-2), RoHS II, CCC		
Warranty	3 Years		
Accessories	Adapter		

All product specifications are subject to change without notice.

Last updated: 14-May-2025

Dimensions

Unit: mm



Ordering Information

SKU	Specifciation
PAX-127-C2A-LAG	AG Touch Panel
PAX-127-C2A-LAH	AG Glass

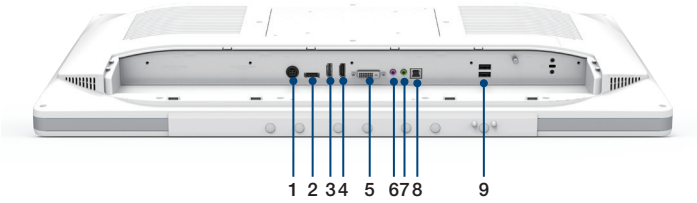
Power Cord List

Part No.	Description
1700019146	Power Cord (China) 3P 2.5A 250V 1.83M
170203183C	Power Cord (EU) 3P 2.5A 250V 1.83M
1700001524	Power Cord (USA) 3P 10A 125V 1.83M
170203180A	Power Cord (UK) 3P 2.5A 250V 1.83M
1700008921	Power Cord (Japan) 3P 7A 125V 1.83M
1700025113-11	Power Cord (India) 3P 2.5A 250V 1.8M
1700021375-01	Power Cord (Taiwan) 3P 2.5A 125V 2.5M
1700018553	Power Cord (Australia) 3P 2.5A 250V 1.83M

I/O Cover Design

For neat and hygienic cable management

I/O Ports



1. DC Input
2. DisplayPort
3. HDMI IN
4. HDMI OUT
5. DVI
6. Analogue Audio IN
7. Analogue Audio OUT
8. USB UP
9. USB 2.0 x 2

Recommended Mounting Solution

Model Name	ARES-2423R	
Part Number	ARES-2423R-A741L00	ARES-2423R-A741L01
Photo		
Max. Support Weight	6 - 12kg	
Max. Support Panel Size	≦ 27"	
VESA Information	75 x 75 mm 100x100 mm	

For more information, please clink this link: https://bit.ly/3T7dLMR