

# PAX-327 4K

## 27" 4K Surgical Monitor



### Features

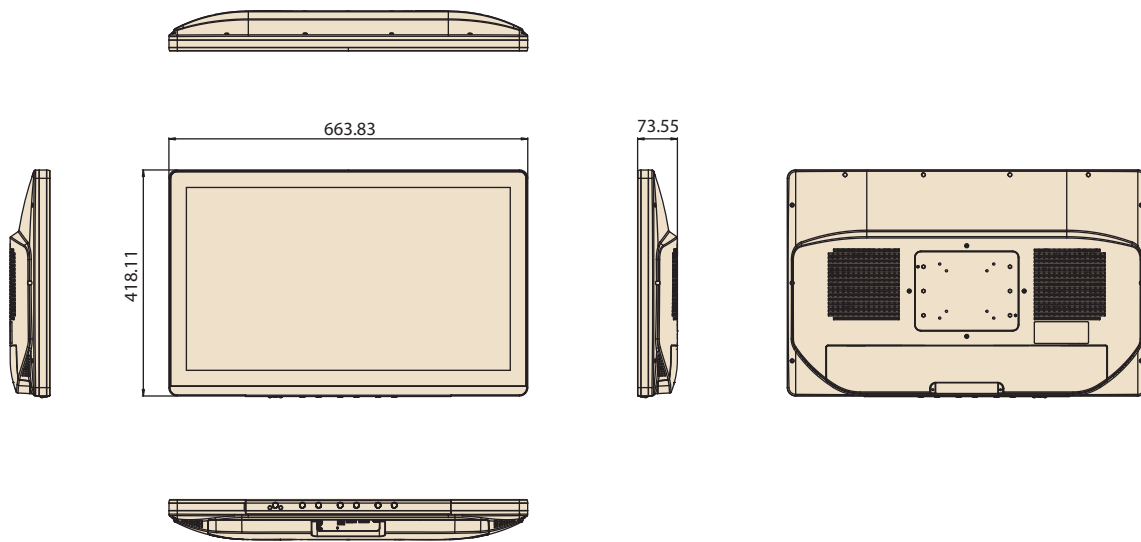
- True Flat Design with AR Filter
- High Brightness and High Contrast Ratio
- 4K UHD Resolution (3840 x 2160)
- HDMI 2.0, DP 1.2 Support Up to 3840 x 2160 @ 60 Hz
- SDI Support Up to 3840 x 2160 @ 60 Hz (4K SDI 3G x 4 or 4K SDI 12G x 1)
- DVI Support Up to 3840 x 2160 @ 30 Hz
- Video Enhancement features including:
  - 14-bit LUT processing
  - DICOM Part 14 GSDF Compliant
  - DICOM, Clear, Blue modes support
- Optional upgrade to IP-based monitor with AVAS

### Specifications

		PAX-327-C8A-HAS PAX-327-C8A-HAR PAX-327-C8D-HAS PAX-327-C8F-HAS PAX-327-C8J-HAS	PAX-327-C8A-NAR PAX-327-C8A-NAS
LCD	Screen Size	27" (596.16 x 335.34 mm)	27" (596.74 x 335.66 mm)
	Resolution	3840 x 2160	
	Aspect Ratio	16 : 9	
	Pixel Pitch	0.15525 x 0.15525 mm	0.1554 x 0.1554 mm
	Viewing Angle	178°/ 178°	
	Contrast Ratio (Typ.)	1,000 : 1	1,300 : 1
	Native Luminance (Typ.)	800 cd/m <sup>2</sup>	350cd/m <sup>2</sup>
	Color Depth	10-bit 1.07B Colors	
	Display Mode	AHVA	IPS
	Response Time	16ms (Tr + Tf)	14ms (Gray to Gray)
	Touchscreen	Optional 10-point PCAP	
Input	DP 1.2 Input	DP Jack x 1	DisplayPort 1.2, 3840 x 2160 @ 60 Hz max.
	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.
	SDI Input	BNC Jack x 4 or BNC Jack x 1	Serial Input Common Mode: 2.2 Vp-p (75 Ω) 4K 3G SDI x 4 or 4K 12G SDI x 1
	USB Up	USB-B Jack x 1	For Optional Touchscreen
	RS-232C	D-Sub Jack x 1	Service Port
	DC Power Input	DC Jack x 1	DC 24V, 6.25 A
Optional Input	AVAS NDcoder SFP+ Module x 1 LAN RJ-45 Jack x 1	PAX-327-C8F-HAS, PAX-327-C8J-HAS	
Output	DP 1.2 Output	DP Jack x 1	DisplayPort 1.2 MST or Daisy chain
	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
	SDI Output	BNC Jack x 4 or BNC Jack x 1	Serial Input Common Mode: 2.2 Vp-p (75 Ω) 4K 3G SDI x 4 or 4K 12G SDI x 1
	DC Power Output	DC Jack x 1	DC 5 V or DC 12 V
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 24 V, 6.25 A max.	
	Consumption (Typ.)	100.4 W max.	
Physical Characteristics	IP Ratings	Front IP65 / Top IPX1	
	VESA Mount	100 x 100; 75 x 75 mm	
	Dimension (W x D x H)	663.83 x 73.55 x 418.11 mm	
	Weight	10.36 kg max.	
Certifications		CE MDD 93/42/EEC (EN60601-1; EN60601-1-2), RoHS II	
Warranty		3 Years	
Accessories		Power Adapter	

## Dimensions

Unit: mm



## Ordering Information

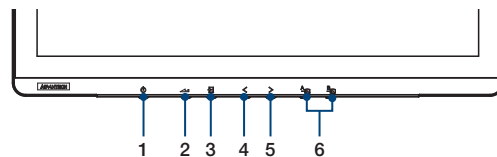
Part Number	Brightness	SDI Output	Optional	Touchscreen	Weight
PAX-327-C8A-HAS	800 cd/m <sup>2</sup>	-	-	-	9.52 kg
PAX-327-C8A-HAR	800 cd/m <sup>2</sup>	-	-	PCAP	9.52 kg
PAX-327-C8D-HAS	800 cd/m <sup>2</sup>	4K 3G x 4 or 12G x 1	-	-	9.98 kg
PAX-327-C8F-HAS	800 cd/m <sup>2</sup>	4K 3G x 4 or 12G x 1	AVAS	-	10.36 kg
PAX-327-C8A-NAR	350 cd/m <sup>2</sup>	-	-	PCAP	9.32 kg
PAX-327-C8A-NAS	350 cd/m <sup>2</sup>	-	-	-	9.32 kg
PAX-327-C8J-HAS	800 cd/m <sup>2</sup>	-	AVAS	-	TBD

## 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
XKT-HPU101-P09B139	Power Adapter AC/DC 100-240V 100W 24V DIN 4PIN MEDICAL
96PSA-A150W24D4-M	A/D 100-240V 150W 24V DIN 4PIN

## Front Function Keys



1. POWER button/indicator
2. ENTER/MENU button
3. EXIT/INPUT button
4. LEFT button
5. RIGHT button
6. PiP INPUT select buttons
  - A. Main input
  - B. Sub input