

PAX-332

32" FHD Surgical Monitor



Features

- True Flat Design with AR Filter
- High Brightness and High Contrast Ratio
- FHD Resolution (1920 x 1080)
- HDMI 2.0, DP 1.2, DVI, RGB Support Up to (1920 x 1080) @ 60 Hz
- SDI Support Up to 1920 x 1080 @ 60Hz
- Multi-Standard Video System Supported: NTSC, PAL, SECAM
- 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



Introduction

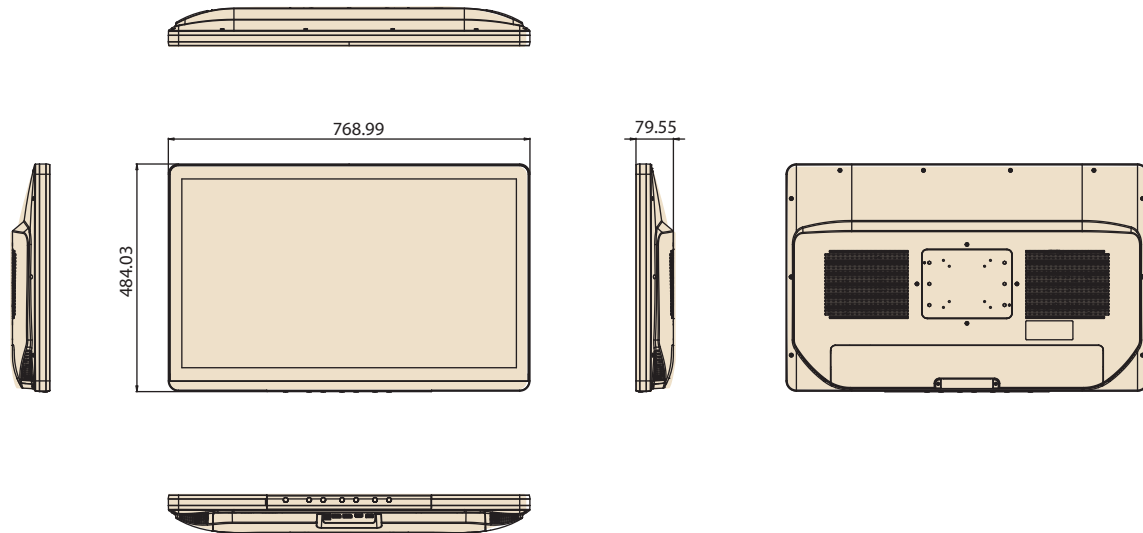
PAX-3 series are medical certified displays for use in operating room imaging applications such as endoscopy, laparoscopy and other imaging modalities. With multiple I/O and support for 14-bit look up table, DICOM and gamma calibrations ensure accurate and precise image reproduction.

Specifications

		PAX-332-C2B-NAS PAX-332-C2B-NAR	
LCD	Screen Size	31.55" (698.4 x 392.9 mm)	
	Resolution	1920 x 1080	
	Aspect Ratio	16:9	
	Pixel Pitch	0.36375 x 0.36375 mm	
	Viewing Angle	178° / 178°	
	Contrast Ratio (Typ.)	1300 : 1	
	Native Luminance (Typ.)	450 cd/m ²	
	Color Depth	8-bit 16.7M Colors	
	Display Mode	AH-IPS	
	Response Time	25ms (G to G)	
	Backlight	LED	
Input	DP 1.2 Input	DP Jack x 1 DisplayPort 1.2, 1920 x 1080 @ 60Hz max.	
	HDMI 2.0 Input	HDMI Jack x 1 (Type A) Digital RGB: TMDS, 1920 x 1080 @ 60Hz max.	
	DVI Input	DVI Jack x 2 (Type D) Digital RGB: TMDS, 1920 x 1080 @ 60Hz max.	
	SDI1 Input	BNC Jack x 1 Serial Input Common Mode: 2.2 Vp-p (75 Ω); 1920 x 1080 @ 60 Hz max.	
	S-Video Input	Mini DIN Jack x 1 (4-pin) Y: 1 Vp-p (75 Ω), C: 0.286 Vp-p (75 Ω) [NTSC] Y: 1 Vp-p (75 Ω), C: 0.300 Vp-p (75 Ω) [PAL / SECAM]	
	Video Input	BNC Jack x 1 1 Vp-p (75 Ω) [NTSC / PAL / SECAM]	
	USB Up	USB-B Jack x 1 For Optional Touchscreen	
	RS-232C	Mini DIN Jack x 1 (8-pin) Service Port	
Optional Input	RGB Input	D-sub x 1 PAX-332-C2B-NAS, PAX-332-C2B-NAR	
	Audio Input	Audio Jack x 1	
	AVAS	SFP+ Module x 1 For Video Over IP Option. Please Contact Sales	
Output	DVI Output	DVI Jack x 2 (Type D) Digital RGB: TMDS, 1920 x 1080 @ 60Hz max.	
	SDI1 Output	BNC Jack x 1 Serial Input Common Mode: 2.2 Vp-p (75 Ω); 1920 x 1080 @ 60 Hz max.	
	S-Video Output	Mini DIN Jack x 1 (4-pin) Y: 1 Vp-p (75 Ω), C: 0.286 Vp-p (75 Ω) [NTSC] Y: 1 Vp-p (75 Ω), C: 0.300 Vp-p (75 Ω) [PAL / SECAM]	
	Video Output	BNC Jack x 1 1 Vp-p (75 Ω) [NTSC / PAL / SECAM]	
	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 24V 10.41A Max.	
	Consumption (Typ.)	54.3W 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	12.04kg 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-C2B-NAS	450 cd/m ²	54.3W	RGB/Audio	Anti-Reflection	12.04 kg
PAX-332-C2B-NAR	450 cd/m ²	54.3W	RGB/Audio	PCAP, Anti-Reflection	12.04 kg

Optional Items

Part Number	Description
1702002605	Power Cord (Europe) 1.8M
1702002600	Power Cord (USA) 1.8M
1700018704	Power Cord (UK) 1.8M

Packing List

Part Number	Description	Qty
PAX-332-C2	32" FHD Surgical Monitor	1
96PSA-A250W24H10-M	250W 24V Power Adapter	1
1702002605	EU Power Cable	1
1700031475-01	USB Cable A-B 2M	1*
1700000243-11	DVI 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>