

# PAX-332

## 32" FHD Surgical Monitor



### Features

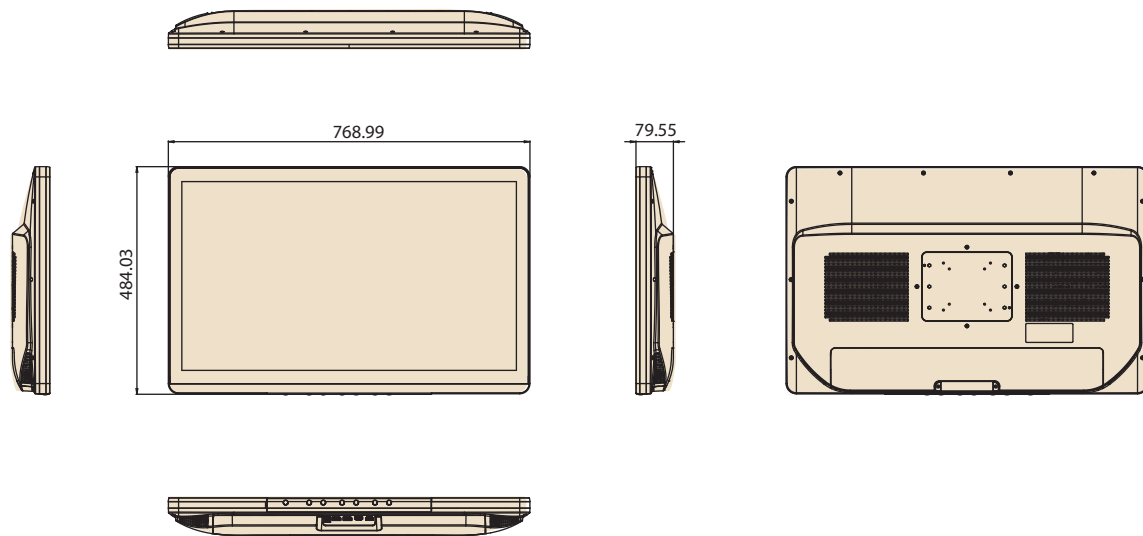
- True Flat Design with AR Filter
- High Brightness and High Contrast Ratio
- FHD Resolution (1920 x 1080)
- HDMI 2.0, DP 1.2, DVI, RGB Support Up to (1920 x 1080) @ 60 Hz
- SDI Support Up to 1920 x 1080 @ 60Hz
- Multi-Standard Video System Supported: NTSC, PAL, SECAM
- Video Enhancement features including:
  - 14-bit LUT processing
  - DICOM Part 14 GSDF Compliant
  - DICOM, Clear, Blue modes support
- Optional upgrade to IP-based monitor with AVAS

### Specifications

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 <sup>2</sup>	
	Color Depth	8-bit 16.7M Colors	
	Display Mode	AH-IPS	
Response Time	25ms (G to G)		
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	D-Sub Jack x 1	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 NDcoder	SFP+ Module x 1 LAN RJ-45 Jack x 1	PAX-332-C2F-NAS
	SDI2 Input	BNC Jack x 1	By Request Only
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]
Optional Output	DC Power Output	DC Jack x 1	DC 5 V or DC 12 V
	Audio Output	Audio Jack x 1	PAX-332-C2B-NAS, PAX-332-C2B-NAR
	SDI2 Output	BNC Jack x 1	By Request Only
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.)	80W 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	12.5Kg max.	
Certifications	CE MDD 93/42/EEC (EN60601-1; EN60601-1-2), RoHS II		
Warranty	3 Years		

## Dimensions

Unit: mm



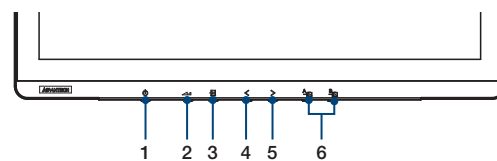
## Ordering Information

Part Number	Brightness	Optional	Touchscreen	Weight	Power Consumption (Typ.)
PAX-332-C2B-NAS	450 cd/m <sup>2</sup>	RGB/Audio	-	12.04 kg	TBD
PAX-332-C2B-NAR	450 cd/m <sup>2</sup>	RGB/Audio	-	PCAP	TBD
PAX-332-C2F-NAS	450 cd/m <sup>2</sup>	AVAS	-	12.5Kg	TBD

## Optional Items

Part Number	Description
1702002605	Power Cord (Europe) 1.8M
1702002600	Power Cord (USA) 1.8M
1700018704	Power Cord (UK) 1.8M
XKT-HPU101-P09B139	A/D 100-240V 100W 24V C14 POWER DIN 4PIN MEDICAL

## Front Function Keys



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