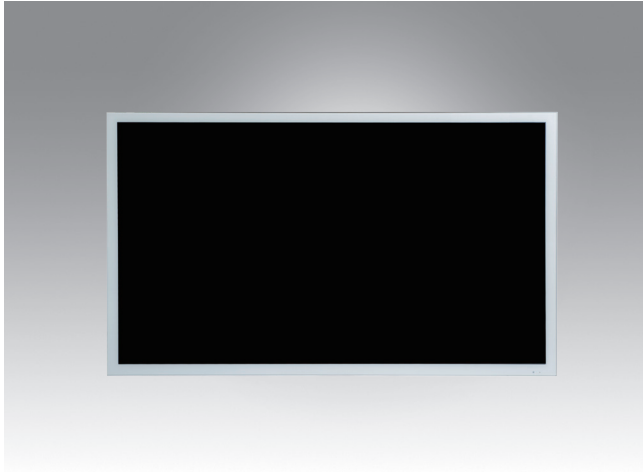


PAX-355

55" UHD Surgical Display



Features

- High Brightness and High Contrast Ratio
- UHD Resolution (3840 x 2160)
- HDMI 1.4, Support Up to 3840 x 2160 @ 30 Hz
- HDMI 2.0, Support Up to 3840 x 2160 @ 60 Hz
- Display Port 1.2, Support Up to 4K x 2K, 3840 x 2160 @ 60 Hz
- Multi-Picture display: Normal, PiP, PBP, 4P
- 14 Bit LUT (Look Up Table) processing
- DICOM Standard GSDF included (DICOM Part 14 Compliant)
- DICOM Clear, Blue Mode support
- Variable Gamma and DICOM (Color Temp) mode
- Built in Touch Screen (Option)
- True Flat Design



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

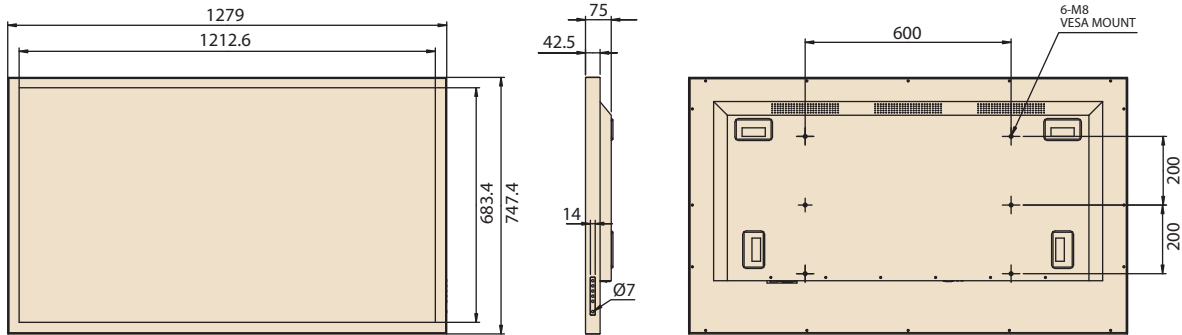
		PAX-355-C8B-NAS PAX-355-C8B-NAR	
LCD	Screen Size(Active Area)	54.64 (1209.6(H) x 680.4(V) [mm])	
	Aspect ratio	16 : 9	
	Number of Pixels	3840(H) x 2160(V)	
	Pixel Pitch	0.315(H) mm x 0.315(V) [mm]	
	Displayable Colors	1.07 Billion (10-bit)	
	Brightness (Typical)	500 cd/m ²	
	Contrast Ratio (Typical)	1,100:1	
	Panel Type	IPS	
	Response Time (Typical)	8ms (Gray to Gray)	
	Viewing Angle(H/V)	178/178	
	Touch Screen (Option)	Optional 10-point PCAP	
	Backlight	LED	
In / Out Terminals	DC Power Output	DC Jack x 1	-
	RS-232C	D-Sub Jack x 1	-
	DVI Input	DVI Jack x 1 (Type D)	-
	DVI Output	DVI Jack x 1 (Type D)	-
	HDMI 2.0 Input	HDMI Jack x 1 (Type A)	Digital RGB : TMDS MAX : 3840 x 2160@60Hz
	HDMI 2.0 Output	HDMI Jack x 1 (Type A)	-
	HDMI 1.4 Input	HDMI Jack x 4 (Type A)	Digital RGB: TMDS MAX: 3840 x 2160@30Hz
	DP 1.2 Input	DP Jack x 1	DisplayPort 1.2 MAX: 3840 x 2160@60Hz
	DP 1.2 Output	DP Jack x 1	DP(1.2) MST or Daisy chain x1
	RGB Input	D-Sub Jack x 1	Analog RGB: 0.7(p-p) (75Ω), MAX : 1920 x 1080 / 60 Hz
	Audio Input	Ear Jack x 1	Audio Input Stereo L/R
	Headphone Output	Ear Jack x 1	Audio Output Stereo L/R
USB Up	USB-B Jack x 1	USB 3.0	
USB Down	USB-A Jack x 2	USB 3.0	
Optional In / Out	AVAS	SFP+ Module x1	For Video over IP option, please contact sales.
	SDI 12G In/Out	BNC Jack x 1	For 12G-SDI option please contact sales.
	SDI 3Gx4 In/Out	BNC Jack x 4	For 3Gx4-SDI option please contact sales.
Power	Power Supply	AC 100-240V, 50-60HZ, 6-3A	
	Power Consumption (Typical)	158.0 W max	
Physical Characteristics	Dimensions (Without Stand) [W mm x H mm x D mm]	1279.0 x 747.4 x 75.0 [mm]	
	Weight (Without Stand)	55.8 Kg max	
	VESA Mount	600mm * 400mm	
Environment Condition	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	
Certifications	CE MDR (EN60601-1; EN60601-1-2), FCC, RoHS II		

* The specifications are subject to change without notice

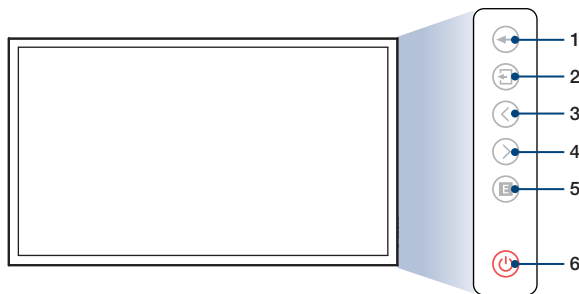
* PAX-355 also provides open frame solution. Please contact sales for detailed information.

Dimensions

Unit: mm



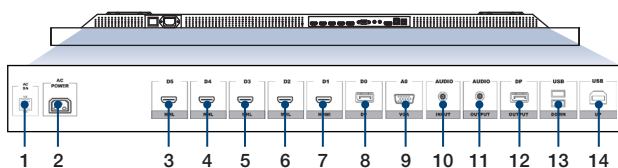
Rear / Function Keys



- | | |
|--------------------|-----------------------------|
| 1. MENU /Enter Key | 4. RIGHT Key |
| 2. EXIT/INPUT Key | 5. EXPERT Key (no function) |
| 3. LEFT Key | 6. POWER Button |

I/O Ports

(PAX-355-C8B-NAR, PAX-355-C8B-NAS)



No.	I/O ports
1	AC Switch : Main Power On/Off
2	AC Power Input : AC Power Cord
3-6	HDMI 1.4 Input
7	HDMI 2.0 Input
8	DP 1.2 Input
9	RGB Input
10	Audio Input
11	Audio Output
12	DP Output (Option)
13	USB 3.0 Downstream port x2
14	USB 3.0 Upstream port

Ordering Information

Part Number	Touch	Cover Glass
PAX-355-C8B-NAR	PCAP w/AR	-
PAX-355-C8B-NAS	-	Glass w/AR

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

Packing List

Part Number	Description	Qty
PAX-355-C8	55" 4K Surgical Monitor	1
1700031475-01	USB Cable A-B 2M	1*
1700028438-01	HDMI Cable 1.8M	1

*Touch panel models only.

Recommended Mounting Solution

Model Name	ARES-11490
Part Number	ARES-11490-L654000
Photo	
Max. Support Weight	80kg
Max. Support Panel Size	32" ~ 85"
VESA Information	700 x 450mm

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