

PAX-355

55" UHD Surgical Display



Features

- High Brightness and High Contrast Ratio
- UHD Resolution (3840 x 2160)
- HDMI1.4, Support Up to 3840 x 2160 @ 30 Hz
- HDMI2.0, 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

Specifications

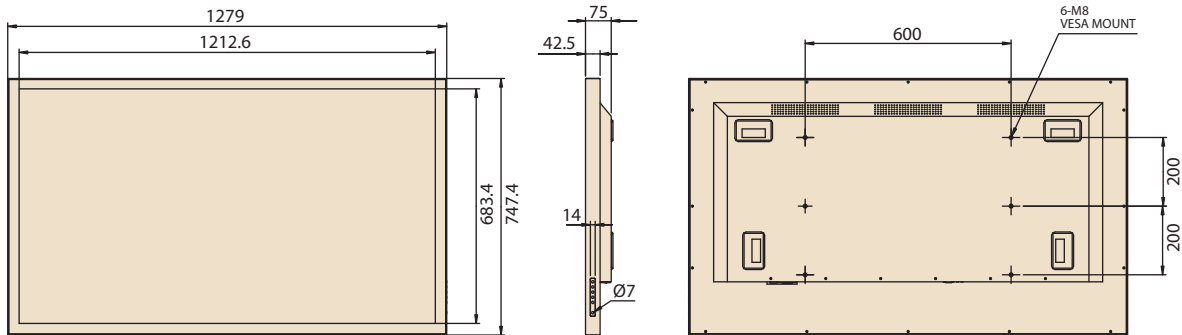
Item		PAX-355-C8B-NAS PAX-355-C8B-NAR	PAX-355-C8E-NAS PAX-355-C8E-NAR
Display	Screen Size(Active Area)	54.64 (1209.6(H) x 680.4(V) [mm])	
	Aspect ratio	16 : 9	
	Number of Pixels	3840(H) x 2160(V)	
	Pixel Pitch	0.315(H) mm x 0.315(V) [mm]	
	Displayable Colors	1.07 Billion (10-bit)	
	Brightness (Typical)	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)	P-CAP(PAX-355-C8B-NAR, PAX-355-C8E-NAR, w/AR touch screen)		
In / Out Terminals	DC Power Output	-	DC Jack x 1, DC5V or DC12V
	RS-232C	-	D-Sub Jack x 1, Service Port
	DVI Input	-	DVI Jack x 1 (Type D), Digital RGB : TMDS MAX : 3840 x 2160@30Hz
	DVI Output	-	DVI Jack x 1 (Type D), Digital RGB : TMDS MAX : 3840 x 2160@30Hz
	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) Digital RGB: TMDS MAX: 3840 x 2160@60Hz
	HDMI 1.4 Input	HDMI Jack x 4 (Type A), MAX: 3840 x 2160@30Hz	
	DP 1.2 Input	DP Jack x 1, 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	
	SDI 12G Input	-	BNC Jack x 1, Serial Input Common Mode: 2.2V[p-p](75Ω) MAX : 3840 x 2160@60Hz
	SDI 12G Output	-	BNC Jack x 1, Serial Output Common Mode: 2.2V[p-p](75Ω) MAX : 3840 x 2160@60Hz
Power	Power Supply	AC 100-240V, 50-60HZ, 6-3A	
	Power Consumption (Typical)	125.5 W	171.6 W
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)	55.0 Kg	
	VESA Mount	600mm * 400mm	
Environment Condition	Temperature	Operational	0 ~ 40 °C
		Storage	-20 ~ 60 °C
	Humidity	Operational	Ta = 40 °C, 85% RH
		Storage	MAX 85% RH , Ta = 40 °C
Altitude	Operational	0 ~ 16,400 feet(5,000m)	
	Storage/Shipment	0 ~ 40,000 feet(12,192m)	
Certifications	CE MDD 93/42/EEC (EN60601-1; EN60601-1-2), FCC, RoHS II		

* The specifications are subject to change without notice

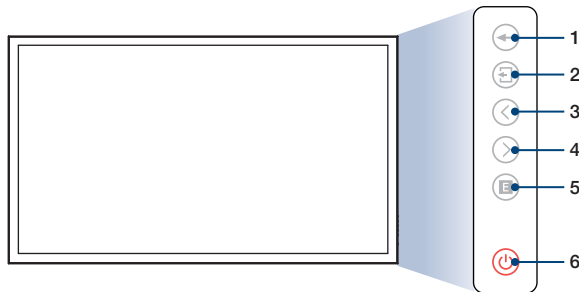
* PAX-355 also provides open frame solution. Please contact sales for detailed information,

Dimensions

Unit: mm



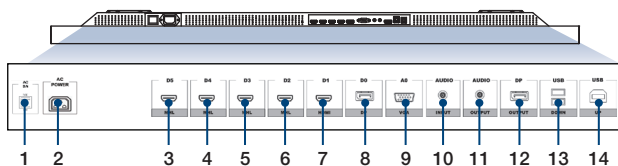
Rear / Function Keys



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

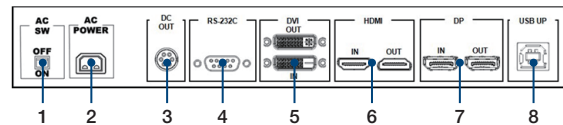
I/O Ports

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

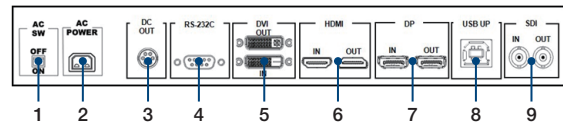


No.	I/O ports
1	AC Switch : Main Power On/Off
2	AC Power Input : AC Power Cord
3-6	HDMI 1.4 Input
7	HDMI 2.0 Input
8	DP 1.2 Input
9	RGB Input
10	Audio Input
11	Audio Output
12	DP Output (Option)
13	USB 3.0 Downstream port x2
14	USB 3.0 Upstream port

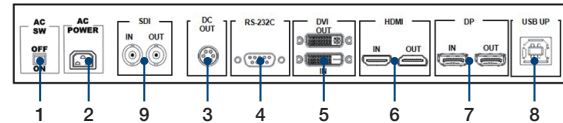
(PAX-355-C8A-NBS, PAX-355-C8A-NBR)



(PAX-355-C8E-NBS, PAX-355-C8E-NBR)



(PAX-355-C8E-NAR, PAX-355-C8E-NAS)



No.	I/O ports
1	AC Switch : Main Power On/Off
2	AC Power Input : AC Power Cord
3	DC Power Output : +5V/+12V Power Connector
4	RS-232C
5	DVI Input(Down)/DVI Output(Up)
6	HDMI Input(Left)/HDMI Output(Right)
7	DP Input(Left)/DP Output(Right)
8	USB UP
9	SDI Input(Left)/SDI Output(Right) (Option)

Ordering Information

Part Number	Touch	Cover Glass
PAX-355-C8B-NAR	PCAP w/AR	-
PAX-355-C8B-NAS	-	Glass w/AR
PAX-355-C8E-NAR	PCAP w/AR	-
PAX-355-C8E-NAS	-	Glass w/AR

Accessories

Accessories	Specifications
Standard	Owner's instruction, Power Cord
Option	DP Cable, HDMI Cable, DVI Cable, SDI BNC Cable