

Medical Touch Panels

NEW

VIA

ALMA-3000

High Resolution Medical Touch Panels with DVI & VGA Ports in size of 18.5", 19", 21.5" and 24"



Features

- UL60601, EN60601, CE, and FCC-B medical grade certifications
- Front panel IP65 and rear panel IPX1 water resistance and dust-proof protection ratings
- Built-in auto luminance stabilizer (ALS) (optional)
- DICOM curve function for x-ray applications (optional)
- EPA Energy Star compliant certification
- One knob of OSD controller - user friendly design
- Optional diversified stand bases: standard steel, advanced steel, and advanced plastic base
- True flat P-CAP touch screen

Specifications

Model Name	ALMA-3318	ALMA-3319	ALMA-3321	ALMA-3324
Panel Size	18.5"	19"	21.5"	24"
Pixel Dimension	0.3 x 0.3 (mm)	0.294 x 0.294 (mm)	0.24825 x 0.24825 (mm)	0.27675 x 0.27675 (mm)
Resolution	1366 x 768	1280 x 1024	1920 x 1080	1920 x 1080
Response Time	5ms typical	20ms typical	16ms typical	25ms typical
Contrast Ratio	1000:1 typical	2000:1 typical	5000:1 typical	3000:1 typical
Panel Brightness	300 cd/m2 typical			
View Angle	170(H)&160(V) degree typical	89 to 89 degree (H&V) typical	178(H)&178(V) degree typical	178(H)&178(V) degree typical
Display Color	16.7M			
Active Display Area	409.8 x 230.4 (mm)	376.3 x 301.0 (mm)	476.64 x 268.11 (mm)	531.36 x 298.89 (mm)
Digital Input	DVI connector			
Analog Input	Video: 0.7Vpp/75 ohm, Sync: Separate TTL level. Composite sync or sync on green			
	Hor: 30~85KHz, Ver: 50~75Hz	Hor: 30~92KHz, Ver: 50~85Hz	Hor: 30~85KHz, Ver: 50~75Hz	Hor: 30~85KHz, Ver: 50~75Hz
Signal Input Connectors	VGA, DVI & DisplayPort			
Power Input Connector	DC-in			
Cables	15 pin D-sub cable x1, DVI cable (optional)			
User Control and Indicator	Dial control x 1 for Power and multi-language OSD, Power indicator x 1 Pre-Vu OSD: contrast, brightness, auto adjust, clock, phase, color temp, hor position, ver position, input select, key lock & aspect ratio (5:4)			
Base Stand	Tilt adjustable	Tilt, swivel, height and pivot four ways adjustable	Tilt adjustable	Tilt adjustable
Dimension (WxHxD)	465.8 x 363.2 x 175 (mm)	432 x 467 x 251 (mm)	537.4 x 384.4 x 175 (mm)	582 x 401 x 175 (mm)
Weight	6.8kg	9.9kg	8.5kg	9.7kg
Power Supply	AC/DC adapter, Input: 100~250Vac, 0.6A, 60/50Hz universal, Output: 24V, 3A			
Power Consumption	On: <35W; active Off: <2W	On: <50W; active Off: <5W	On: <40W; active Off: <2W	On: <40W; active Off: <2W
Power Management	EPA Energy Star compliant			
Agency Approval	UL (ANSI/AAMI ES60601-1:2005) CUL (CAN/CSA C22.2 No, 60601-1-1: 08, FCC-B) CE (IEC/EN 60601-1: ed.3; IEC/EN 60601-1-2)			



Specifications

Model Name	ALMA-3318	ALMA-3319	ALMA-3321	ALMA-3324
Color Mode	Normal	Cool 9300°K color temperature Neutral 6500°K color temperature Warm 5400°K color temperature User's adjustable RGB		
	DICOM	Barten curve (optional)		
	Calibration Mode	Communication protocol is ready to calibrate the monitor through DDC CI (optional)		
	P-CAP Touch Screen	Default		
	Backlight Stabilizer	Enabled and disabled through the OSD control (optional)		

Ordering Information

Part Number	Description
99G73-010103	18.5" Medical Touch Panel with True Flat, Projective Capacitive Touch Screen and DVI & VGA Inputs
99G73-010113	19" Medical Touch Panel with True Flat, Projective Capacitive Touch Screen and DVI & VGA Inputs
99G73-010123	21.5" Medical Touch Panel with True Flat, Projective Capacitive Touch Screen and DVI & VGA Inputs
99G73-010133	24" Medical Touch Panel with True Flat, Projective Capacitive Touch Screen and DVI & VGA Inputs