

Technical Data Sheet

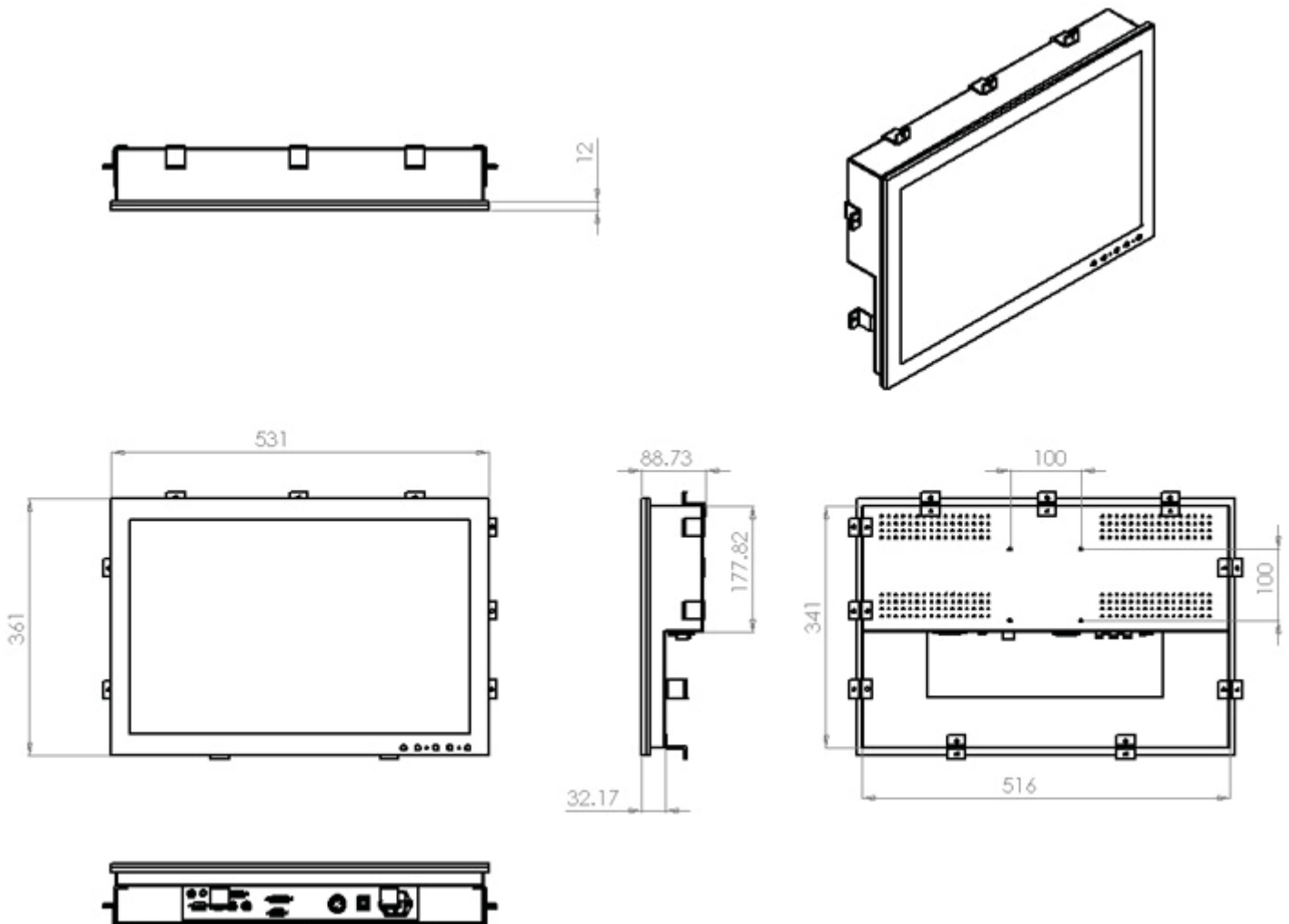
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AADAPTIV TECHNOLOGIES

22in Widescreen Glass Bridge LED Monitor for Sunlight Applications...

AAdaptiv's SUNLIGHT viewable 'Edge 2 Edge' Glass Bridge Monitor incorporates the latest LED Backlight technology to meet high ambient light conditions typically found in Bridge applications. This provides increased performance, higher reliability and longer life.

Features include - Dual AC/DC power supply input. Touch sensitive controls built into the 6mm thick laminated glass front bezel providing local operator control for: Power, Deep dimming backlight brightness, OSD Menu functionality and Signal source.



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General Specifications



Product Part Number: **A7-22125-DV**

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DISPLAY CHARACTERISTICS		CONSTRUCTION	
Size / Type :	22.0" Widescreen Active Matrix TFT	Glass Front Bezel:	'Edge 2 Edge' Glass bonded to anodised aluminium machined sub-assembly
Native Resolution:	1680 x 1050 Pixels	Rear Housing:	Fabricated sheet aluminium - chemically treated Alocrom 1200
Aspect Ratio:	16:10	Protective Safety Glass:	6mm Laminated, AR coated & Optically Bonded directly to LCD Display Panel
Pixel Pitch:	0.282 (H) x 0.282 (W) mm	Ventilation:	Convection
Active Display Area:	296.1 (W) mm x 473.76 (H)	Weight (lbs):	9.7kg (21.4) approx. - Monitor ONLY
Response Time:	5 msec - Typical	Surface Mount Height (inch):	Height from surface 13mm (0.511") complete with neoprene gasket. Rear Fixing Bracket locations permit multiple monitors to be installed in close proximity
Contrast Ratio:	1000:1 - Typical	Console/Panel Cut-out Size (inch):	519mm (20.433") W x 344mm (13.543") H
Brightness / Light Intensity:	1200cd/m ² - Typical	Overall Dimensions/Size (inch):	531mm (20.905") W x 361mm (14.212") H x 89mm (3.503") D
Viewing Angles (at CR≥10):	80° - Typical (Left/Right/Up/Down)		
Backlight Type:	LED (Light Emitting Diode)	CONNECTIONS (x9 Source Inputs)	
Backlight Dimming Range:	0 to 100% (Deep Dimming)	x2 DVI-I (Digital & RGB) signals:	29p DVI (Female) - or RGB IN with 'Y' Cable Adapter
Backlight Life Time:	50,000 Hrs	x3 Composite Video BNC signals:	BNC (Female)
Colour Depth:	16.7 Million - Depending on Graphics Card	Composite Video RCA signal:	RCA (Female)
		S-Video signal:	S-Video (Socket)
		RS232 Interface:	9p D-Sub (Female)
		RS422/485 Interface:	9p D-Sub (Female) - accessed via custom 'Y' Cable Adapter
		Touchscreen Interface:	USB Type A - Provisional (Knock-out)
		AC Power Input:	IEC Inlet (Fused)
		DC Power Input:	4p Circular (Male) - Binder 680 series
		USER CONTROLS / INDICATION / SENSORS	
		Glass Front Bezel:	Touch Sensitive LED Backlit Buttons x5 for: Power,Up, Down, Menu, Signal/Select Indicator: Power GREEN (RED / Standby Mode) other button symbols (x4) BLUE Sensors for: Infrared Remote Control & Automatic Ambient Light Control
		Rear Housing:	Power ON/OFF Switch (AC power source isolation ONLY)
		ENVIRONMENTAL	
		Operating Temperature / Humidity:	-15°C to +55°C (5°F to 131°F) / 30 to 95% N.C.
		Storage Temperature / Humidity:	-20°C to +60°C (-4°F to 140°F) / 10 to 95% N.C.
		Compass Safe Distance:	TBD
		IP Rating:	Front Sealed to IP67 / NEMA 6 (Applies to console mounted monitors)
		APPROVALS / SHIPPING / WARRANTY	
		Maritime Certification (pending):	IACS E10, IEC 60945, IEC 61174 (ECDIS), IEC 62388 (Radar), ABS, DNV, LRS & RINA
		Carton Size (inch) & Weight (lbs):	TBD mm (TBD) & 12.2kg (26.9) approx.
		Warranty Period / Type:	2 Years / RTB (Return to Base)
		NOTES	
		Touchscreen Factory Option:	On Request - IEC 6045 Compliance TBC. Contact sales office for clarification.
		Accurate Dimensions:	Go to www.aadaptiv.com and download relevant 3D Model / .DWG drawing
		EDID Support:	Programmable memory onboard pre-programmed with universal EDID info...
		* Due to a policy of continuous product development Aadaptiv Technologies Limited reserves the right to change specifications and descriptions without prior notification.	

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