

Model 4417A1

17" Color Flat Panel Display

17" COLOR ACTIVE MATRIX LIQUID CRYSTAL DISPLAY (AMLCD)

HIGH RESOLUTION 1280 X 1024

ATTRACTIVE VESA MOUNT

CONVENIENT FRONT CONTROLS

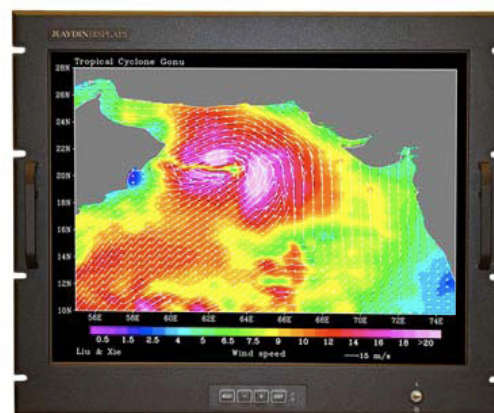
DESIGNED AND BUILT TO MILITARY STANDARDS

ANTI-REFLECTIVE PROTECTIVE WINDOW (STANDARD)

WIDE VIEWING ANGLE $\pm 88^\circ$ (TYPICAL ALL DIRECTIONS)

DUAL DVI-I

INTERNAL AC POWER SUPPLY



Display Type: 17" TFT Active Matrix LCD	
Active Display Area: 337.9 x 270.3 mm (13.30" x 10.64")	
Pixel Pitch: 0.264 x 0.264 mm	
Brightness: 200 cd/m ² (typical)	
Viewing Angle: $\pm 80^\circ$ All directions (typical)	
Contrast Ratio: 450:1 (typical)	
Response Time: 16 ms (typical) TR + TF	
Display Colors: 16.7 Million	
Synchronization Range:	Horizontal: 24 to 82 kHz
	Vertical: 55 to 85 Hz
	Input Signal:
	Video: Analog 0.7V p-p/75 Ω
	Sync: Separate sync. TTL level
	Horizontal Sync Positive/Negative
	Vertical Sync Positive/Negative
	Composite Sync Positive/Negative
	Sync on Green (Video 0.7Vp-p and Sync 0.3Vp-p)
Input Interface: DVI-I (2 Inputs)	
Resolutions Supported:	640 x 480 @ 60-85 Hz
	720 x 400 VGA Text
	800 x 600 @ 56-85 Hz
	832 x 624 @ 75 Hz
	1024 x 768 @ 60-85 Hz
	1152 x 900 @ 75 Hz
	1280 x 1024 @ 60, 67, 75Hz
	1600 x 1200 @ 60 Hz
	1920 x 1080 @ 60 Hz
	1920 x 1200 @ 60 Hz
Native Resolution: 1280 x 1024 @ 60 Hz	
User Controls: Power, Brightness, Contrast, Horizontal Width, Horizontal Phase, Horizontal & Vertical Position	

Temperature:	Operating: (Sea Level)	0°C to 50°C, MIL-STD-810F Method 501/502, Procedure II
	Storage:	-20°C to +60°C, MIL-STD-810F Method 501/502, Procedure I
Humidity:	Operating/ Storage:	5 to 95% RH Non-condensing MIL-STD-810F, Method 507 Procedure I
	Altitude:	Operating:
Storage:		0 to 54,000 ft. above sea level MIL-STD-810F, Method 500
Rapid Decompression:	RTCA/DO-160D, 8,000 ft ASL to 42,000 ft. ASL in 15 seconds, 42,000 ft. ASL to 25,000 ft ASL in 5 minutes	
Shock:	Operational: 15G, 11ms, ½ Sine MIL-STD-810F, Method 516	
	Crash Safety: 30G, 11ms, ½ Sine MIL-STD-810F, Method 516	
Vibration:	MIL-STD-810F, Method 514, Category 20 Ground Mobile, Figure 514 C-1, 1 G rms MIL-STD-810F, Method 514, Category 13 Propeller Aircraft, Figure 514 C-9, 1 G rms	
EMI:	MIL-STD-461E RE102, RS103, CE101, CS102,CS114, CS115, CS116	
Power Requirements:	Power Supply:	Internal 100-120V/220-240 VAC
	Frequency:	50-60
	Power:	40 Watts
	Chassis Connector:	MS3102E10SL-3P or IEC-320
Dimensions & Weight:	VESA Mount	
	Height:	15.72" (9U)
	Width:	14.68"
	Depth:	2.23"
	Weight:	14 lbs.
Compatibility:	PCs, Workstations, & X-Terminals	
Options:	Resistive Touchscreen	

Aydin Displays is:



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All specifications subject to change without notice.