

Model 4420TD

20.1" Sunlight Readable ATC Tower Display

20.1" 1280 X 1024 COLOR ACTIVE MATRIX LCD

700 NITS SUNLIGHT READABLE

CR IS GREATER THAN 10:1 @ 6000 fL

BONDED AR/AG WINDOW

WIDE VIEWING ANGLE $\pm 85^\circ$ (ALL DIRECTIONS)

HD-15 (VGA), 5-BNCs & DVI-D INPUTS

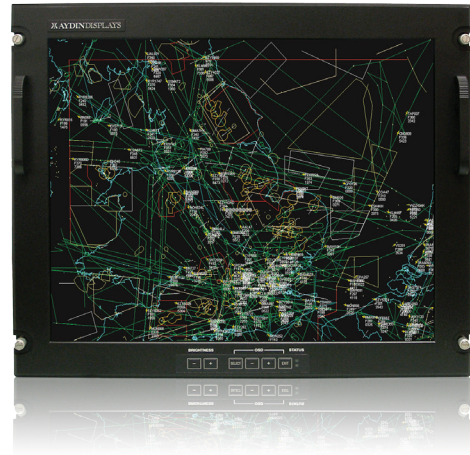
AUTO RANGING INTERNAL AC POWER SUPPLY

RUGGED CONSTRUCTION

WALL MOUNT OR RACK MOUNT

SUCCESSFULLY COMPLETED OT & E TESTING/

APPROVED FOR USE BY FAA AIR TRAFFIC AND AIRWAY FACILITIES



Display Type:	20.1" TFT
Active Display Area:	15.72" x 12.58" (399.36 x 319.49 mm)
Pixel Pitch:	0.312 mm
Brightness:	700 Nits (Typical)
Viewing Angle:	$\pm 85^\circ$ All directions (Typical)
Contrast Ratio:	10:1 Minimum @ 6000 fL
Response Time:	Tr + Tf = 45 ms (WTB)
Display Colors:	16.7 Million
Synchronization Range:	Horizontal: 31.5 to 80 KHz Vertical: 56 to 75 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:	VGA (HD15F), 5 BNCs & DVI-D
Video Input Impedance:	75 Ohms
Resolutions Supported:	640 x 480 @ 60-75 Hz 720 x 400 @ 70 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 900 @ 66 Hz 1280 x 1024 @ 60-75Hz
Native Resolution:	1280 x 1024 (SXGA)
Display Controls:	Power, Brightness, Contrast, Horizontal Width, Horizontal Phase, Horizontal & Vertical Position

Temperature:	Operating:	10°C to 50°C (Sea Level)	
	Storage:	-20°C to +56°C	
Humidity (Non-condensing):	Operating:	10 to 80% RH	
	Storage:	5 to 95% RH	
Altitude (Above Seal Level):	Operating:	0 to 8,000 ft.	
	Storage:	0 to 25,000 ft.	
Shock:	30g's, 11ms, ½ Sine (Transportation)		
Vibration:	1g RMS 20-500Hz (Transportation)		
EMI:	FCC Class A		
Power Requirements:	Power Supply:	110 / 220 VAC Auto Ranging	
	Frequency:	50 / 60 Hz	
	Power:	110 Watts	
	Power Factor:	>95%	
	Harmonic Limits:	Meets IEC 61000-3-2	
	Chassis Connector:	IEC 320	
	Cable Connector:	NEMA 5-15 P	
Dimensions & Weight:		Rack	Wall
	Height:	15.72"	17.00"
	Width:	19.00"	19.50"
	Depth:	5.33"	5.88"
	Weight:	24 lbs.	31 lbs.
Compatibility:	PCs, Workstations		

Aydin Displays is:



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All specifications subject to change without notice.