

## Model 4442 42" Color Flat Panel Display

42" COLOR ACTIVE MATRIX LIQUID CRYSTAL DISPLAY (AMLCD)  
 CONVENIENT FRONT CONTROLS  
 MIL-S-901D SHOCK, MIL-STD-167-1A VIBRATION, MIL-STD-461F EMI  
 HIGH BRIGHT WITH DIMMING (STANDARD)  
 ANTI-REFLECTIVE PROTECTIVE VIEWING WINDOW (STANDARD)  
 WIDE VIEWING ANGLE IN ALL DIRECTIONS  
 HD-15 (VGA) AND DVI-D INPUT VIDEO CONNECTORS (STANDARD)  
 AUTO RANGING INTERNAL AC POWER SUPPLY  
 HIGH RESOLUTION 1920 X 1080  
 MOUNTING OPTIONS FOR BULKHEAD, CEILING AND DECK APPLICATIONS  
 (BULKHEAD MOUNTING BRACKETS AVAILABLE SEPARATELY)



<b>Display Type:</b>	42" TFT Active Matrix LCD
<b>Active Display Area:</b>	1018 x 572 mm (40.1" x 22.5")
<b>Pixel Pitch:</b>	0.530 (H) x 0.530 (V) mm
<b>Brightness:</b>	270 cd/m <sup>2</sup> (Typical) w/EMI faceplate
<b>Viewing Angle:</b>	89° All directions (Typical)
<b>Contrast Ratio:</b>	4000:1 (Typical) (Center of screen)
<b>Response Time:</b>	8 ms (Typical)
<b>Display Colors:</b>	16.7 Million
<b>Input Signal:</b>	<b>Video:</b> VGA
	<b>Sync:</b> Separate sync. TTL level
	Horizontal Sync: Positive/Negative
	Vertical Sync: Positive/Negative
	Composite Sync: Positive/Negative
	Sync on Green
	Input Impedance: 75 Ohms
<b>Input Interface:</b>	HD-15 (VGA), DVI-D
<b>Resolutions Supported:</b>	640 x 480 @ 60-85 Hz
	800 x 600 @ 56-85 Hz
	1024 x 768 @ 60-85 Hz
	1152 x 900 @ 66 Hz
	1280 x 1024 @ 60-75 Hz
	1600 x 1200 @ 60 Hz
	1920 x 1080 @ 60 Hz (native)

**User Controls:** Display Controls:  
 Power, Brightness, Contrast, Clock  
 Horizontal Phase,  
 Horizontal & Vertical Position

<b>Temperature:</b>	Operating: 0°C to 50°C, MIL-STD-810F (Sea Level) Method 501/502, Procedure II
	Storage: -20°C to +60°C, MIL-STD-810F, Method 501/502, Procedure I
<b>Humidity:</b>	Operating/Storage: 5 to 95% RH Non-condensing MIL-STD-810F, Method 507 Procedure 1
<b>Altitude:</b>	Operating: 0 to 10,000 ft. above sea level
	Storage: 0 to 40,000 ft. above sea level (MIL-STD-810F, Method 500)
<b>Shock:</b>	MIL-S-901D, Grade B, Class I Type A
<b>Vibration :</b>	MIL-STD-167-1A, Type 1
<b>EMI:</b>	MIL-STD-461F CE102, CS101, CS114, CS116, RE102, RS101, RS103
<b>Power Connections:</b>	Chassis Connector: IEC 320 Cable Connector: NEMA 5-15 P
<b>Power Requirements:</b>	Power Supply: 120 VAC 60 Hz @ 2.85A
	Power: 310 watts (Typical)
<b>Dimensions &amp; Weight:</b>	Height: 27"
	Width: 45"
	Depth: 7"
	Weight: 61.8 lbs.
<b>Other Features:</b>	IR Handheld Remote Operation RS-232 Remote Control Picture-in-Picture (PIP) Picture and Picture (PAP)

Aydin Displays is:

