

# AYDINDISPLAYS

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## MODEL 4424GM

24" RACK/CONSOLE MOUNT  
COLOR FLAT PANEL DISPLAY

### FEATURES:

- Ultra Resolution, 1920 x 1200
- Anti-Reflective Protective Window
- Convenient Front Controls

### OPTIONS:

- Sealed Unit
- Low Temperature Operation  
Fully Dimmable for Night Time Use

Aydin is:



7/18\_REV. 1

# SPECIFICATIONS:

<b>Active Display Area:</b>	518.4 x 324.0 mm (20.41" x 12.96")
<b>Pixel Pitch:</b>	0.270 x 0.270 mm
<b>Brightness:</b>	250 cd/m <sup>2</sup> (Typical)
<b>Viewing Angle:</b>	±89° All Directions (Typical)
<b>Contrast Ratio:</b>	1000:1 (Typical)
<b>Response Time:</b>	16 ms Tr + Tf (Typical) 6 ms GtG (Typical)
<b>Display Colors:</b>	16 Million
<b>Input Signal:</b>	<b>Analog video:</b> Video Sync: Analog 0.7 V p-p/75 Ω 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)
<b>Input Interface:</b>	VGA (HD15F), DVI-D (DVI Connector)
<b>Video Input Impedance:</b>	75 Ohms
<b>Resolutions Supported:</b>	640 x 480 @ 60 Hz 720 x 400 @ 85 Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 1024 @ 60 Hz 1600 x 1200 @ 60 Hz
<b>Native Resolution:</b>	1920 x 1200 @ 60 Hz
<b>Display Controls:</b>	Power, Brightness, OSD
<b>Remote Control:</b>	RS232 Interface for Control of Adjustments (AC Model Only)
<b>Temperature:</b>	<b>Operating:</b> (Sea Level): 0 °C to 50 °C, MIL-STD-810F Method 501.4/502.4, Procedure II

**Storage:** -20 °C to + 60 °C, MIL-STD-810F, Method 501.4/502.4, Procedure I  
**Optional:** -40 °C storage

**Humidity:** **Operating/Storage:** 5 to 100% RH, Non-condensing, MIL-STD-810F, Method 507.4

**Altitude:** **Operating:** 0 to 15,000 ft. above sea level  
**Storage:** 0 to 40,000 ft. above sea level, MIL-STD-810F, Method 500.4 Procedure I/II

**Shock:** MIL-STD-810F, Method 516.5, Procedure I

**Vibration:** MIL-STD-810F, Method 514.5, Category 20, Procedure I, Figure 514.5C-3, Operational Service

**Drip:** MIL-STD-810F, Method 506.4, Procedure II, Front Panel Only

**Sand/Dust:** MIL-STD-810F, Method 510.4 Front Panel Only

**Salt Fog:** MIL-STD-810F, method 509.4, Procedure I, aggravated

**EMI:** MIL-STD-461E, CE102, CS101, CS114, CS116, RE102, RS101, RS103

	<b>AC</b>	<b>DC</b>
<b>Power Supply:</b>	88-264/VAC Auto Ranging	+18 to +36 VDC
<b>Power:</b>	104 Watts (Typical)	100 Watts max (200 Watts max)
<b>Connector:</b>	MS3102A-10SL-3P	MS3470L8-33P

	<b>AC</b>	<b>DC</b>
<b>Dimensions:</b>		
<b>Height:</b>	15.72"	17.47"
<b>Power:</b>	24.00"	24.00"
<b>Depth:</b>	4.50"	4.80"
<b>Weight:</b>	24.2 lbs.	31 lbs.

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Please contact your sales representative for more information.  
Consult Factory on pricing and lead time.