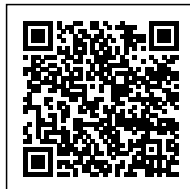


## 24" RUGGED CONSOLE MOUNT DISPLAY MODEL: 4424HA



### **Model: 4424HA**

- Panel Mount, 24" LCD Monitor, Military Grade
  - Designed and Built to Military Standards
    - SAW Touchscreen
    - High Resolution: 1920 x 1200
      - Aspect Ratio: 16:10
      - 250 Nits of Brightness
      - Wide Viewing Angles, 89°
      - VGA/DVI-D input connectors
- 1 Year Limited Warranty, Extended Warranty available.



## GALLERY IMAGES



## PRODUCT DESCRIPTION

The Aydin Model 4424HA is a high performance, 24" Rugged Console Mount Display. It was originally designed for airborne applications, but can be used in any rugged environment. Options include a touchscreen and auto ranging power input.

The Aydin Model 4424HA is packed with features including, SAW Touchscreen, Power Supply Option: 90-132/180—264 VAC Auto ranging, Attractive Console Mount, Anti-Reflective Protective Window (Standard), Power, Brightness and Contrast Display Controls, HD-15 (VGA) and DVI-D Video Input Connectors, Picture-in-Picture (PIP), PC, Workstations, X-Terminals Compatibility and much more.

The [Aydin Defense product line](#) comes in a variety of sizes ranging from 10" to 65". Aydin Displays has been designing and supplying ruggedized displays, smart displays / thin client displays and computer workstations for military programs for 50 years. With thousands of military displays deployed throughout the world, Aydin is in tune with the needs of its military customers.

Aydin Displays has a proven reputation of expertise in designing, manufacturing, testing and qualifying ruggedized equipment for operation in severe military environments such as ground mobile, airborne, surface warships and submarines. We also offer fully customizable solutions to meet your application requirements.

**ADDITIONAL INFORMATION**

<b>Bezel Type</b>	Console Mount
<b>Screen Size</b>	24.0" (Diagonal)
<b>Aspect Ratio</b>	16:10
<b>Native Resolution</b>	1920 x 1200
<b>Pixel Pitch</b>	0.27mm x 0.27mm
<b>Response Time</b>	Tr + Tf = 16ms (typ) 6ms GtG (typ)
<b>Type</b>	LCD c/w LED Backlighting
<b>Video Input Connectors</b>	VGA / HD-15 DVI Compliant Digital HDCP (DVI-D)
<b>Viewing Angle</b>	89 (up), 89 (down), 89 (left), 89 (right)
<b>Contrast Ratio</b>	1000:1 (typical)
<b>Luminance (Brightness)</b>	250 cd/m2 typical at center (250 Nits)
<b>Viewable Image Size</b>	Horizontal: 20.41" / 518.4 mm, Vertical: 12.96" / 324.0 mm
<b>Video Signal</b>	ANALOG: 0.7 Vp-p/75 Ohms
<b>Sync Signal</b>	SOG/Combined/H/V
<b>Display Controls (OSD)</b>	Power, Brightness, OSD 90-132/180-264 VAC Autoranging
<b>Input</b>	Voltage: 115 VAC, 3-Phase Frequency: 400Hz Power Consumption: 100W / 200W with heater on

<b>Environmental</b>	Operating Temperature: 0°C to 50°C, MIL-STD-810F (w/ external fan cage or external forced air) Storage Temperature: -40°C to 71°C, MIL-STD-810F, Method 501.4/502.4, Procedure I Operating Humidity: 5 to 100% RH with Condensation, MIL-STD-810F, Method 507.4 Storage Humidity: 5 to 95% RH Non-condensing, MIL-STD-810F, Method 507.4 Operating Altitude: 0 to 42,000 ft. MIL-STD-810F, Method 500.4 Procedure II Storage Altitude: 0 to 42,000 ft. MIL-STD-810F, Method 500.4 Procedure I MIL-STD-810F Method 501.4/502.4, Procedure II
<b>Rapid Decompression</b>	5,680 ft. to 40,000 ft., MIL-STD-810F Method 500.4, Procedure II
<b>Shock</b>	Operational: 10G, 11ms, ½ Sine Crash Safety: 40G, 11ms, ½ Sine
<b>Vibration</b>	MIL-STD-810F, Method 514.5 Category 12, Jet Aircraft
<b>EMI</b>	MIL-STD-461E
<b>Unit Weight</b>	31 lbs.
<b>Dimensions</b>	23.5" (W) x 14.6" (H) x 3.65" (D)
<b>Compatibility</b>	PCs, Workstations, X-Terminals
<b>Options</b>	SAW Touchscreen Power Option: 90-132/180-264 VAC Autoranging
<b>Warranty</b>	1 Year limited Warranty Standard 1 Year Extended Warranty available (see Configurator/Price List)