



## 8824S - NG

*24" (16:9 4K) BULKHEAD/  
CONSOLE MOUNT  
COLOR FLAT PANEL DISPLAY*

### **FEATURES:**

- Replaces Aydin Model 4424S
- Convenient Front Controls
- Designed & Built to Military Standards
- Wide Viewing Angle
- AR Window Standard
- Sealed, Fanless Design
- Thin Body

### **OPTIONS:**

- PCAP Multi-Touch

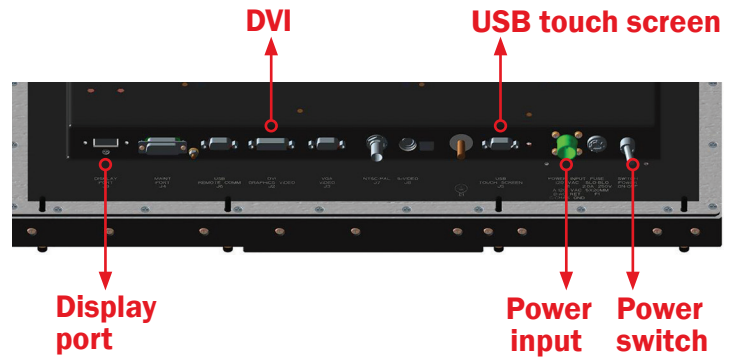
Aydin is:



1/24\_REV1

# SPECIFICATIONS:

<b>Display Type:</b>	24" TFT Active Matrix LCD
<b>Active Display Area:</b>	525.66 x 295.70 mm (20.69" x 11.64")
<b>Pixel Pitch:</b>	.1369 X .1369 mm
<b>Brightness:</b>	430 cd/m <sup>2</sup> (Typical)
<b>Viewing Angle:</b>	±89° All Directions (Typical)
<b>Contrast Ratio:</b>	1200:1 (Typical)
<b>Response Time:</b>	14 ms Tr + Tf (Typical)
<b>Display Colors:</b>	1.07 Billion
<b>Input Interface:</b>	DVI-D, Display Port (1.2), DVI, HDMI
<b>Resolutions Supported:</b>	640 x 480 @ 60 Hz 800 x 600 @ 60 Hz 1920 x 1080 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 1024 @ 60 Hz 1600 x 1200 @ 60 Hz *others available upon request
<b>Native Resolution:</b>	3840 x 2160 @ 60 Hz
<b>Display Controls:</b>	Power, Brightness, OSD
<b>Temperature:</b>	<b>Operating:</b> -5°C to 55°C, MIL-STD-810G Method 501/502, Procedure II <b>Storage:</b> -40°C to +70°C, MIL-STD-810G Method 501/502, Procedure I
<b>Humidity:</b>	<b>Operating/Storage:</b> 5 to 95% RH Non-condensing MIL-STD-810G, Method 507
<b>Altitude:</b>	<b>Operating:</b> 0 to 15,000 ft. above sea level (MIL-STD-810G, Method 500) <b>Storage:</b> 0 to 40,000 ft. above sea level (MIL-STD-810G, Method 500)



<b>Shock:</b>	MIL-S-901D, Grade A, Class I, Type B
<b>Vibration:</b>	MIL-STD-167-1A, Type 1
<b>Drip, Sand, Dust Proof:</b>	MIL-STD-810G All Over
<b>EMI:</b>	MIL-STD-461F, CE101, CE102, RE101, RE102, CS101, CS114, CS116, RS101, RS103
<b>Power:</b>	<b>Supply:</b> 115/230 VAC Auto Ranging <b>Frequency:</b> 50/60 Hz <b>Power:</b> 85 Watts <b>Chassis Connector:</b> MS3102R-10SL-3P IEC 60320 C14 or equivalent
<b>Dimensions:</b>	22.70"W x 15.35 "H x 2.77" DP
<b>Weight:</b>	25 lbs
<b>Compatibility:</b>	PCs, Workstations & X-Terminals
<b>Options:</b>	<ul style="list-style-type: none"> <li>■ PCAP Touch (USB only)</li> <li>■ 28 VDC power input</li> <li>■ 9U high 24" rack mounting panel</li> <li>■ Airborne &amp; ground mobile ruggedization</li> </ul>