

AYDINDISPLAYS

a sparton company

WWW.SPARTONRE.COM | SALES@SPARTONRE.COM



MODEL 4424S-T

*24" RACK/CONSOLE MOUNT
COLOR FLAT PANEL DISPLAY*

FEATURES:

- Ultra Resolution, 1920 x 1200
- Anti-Reflective Protective Window
- Convenient Front Controls
- Wide Viewing Angle
- Tempest Level 1 PLC,
Level 2 ER w/ Shielded Cables

OPTIONS:

- Flicker Compensation for Display
of Sonar Acoustic Data
- Picture-in-Picture

Aydin is:



7/18_REV. 1

SPECIFICATIONS:

Active Display Area: 518.4 x 324.0 mm
(20.41" x 12.96")

Pixel Pitch: 0.270 x 0.270 mm

Brightness: 250 cd/m² (Typical)

Viewing Angle: ±89° All Directions (Typical)

Contrast Ratio: 1000:1 (Typical)

Response Time: 16 ms Tr + Tf (Typical)
6 ms GtG (Typical)

Display Colors: 16 Million

Input Interface: DVI-D (DVI Connector)

Resolutions Supported:
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

Native Resolution: 1920 x 1200 @ 60 Hz

Display Controls: Power, Brightness, OSD

Remote Control: RS232 Interface for
Control of Adjustments

Temperature: **Operating:** (Sea Level): 0°C
to 50°C, MIL-STD-810E
Method 501.3/502.3,
Procedure II
Storage: -20°C to + 60°C,
MIL-STD-810E, Method
501.3/502.3, Procedure I
Optional: -40°C storage
available

Humidity: **Operating/Storage:** 5 to 95%
RH, Non-condensing, MIL
STD-810E, Method 507.3,
Procedure I

Altitude: **Operating:** 0 to 15,000 ft.
above sea level (42,000 ft.
with +28 VDC Option)
Storage: 0 to 50,000 ft.
above sea level (MIL-STD
810E, Method 500.3)

Shock: MIL-S-901D, Grade A,
Class I, Type A

Vibration: MIL-STD-167-1, Type I

Drip: MIL-STD-810E, Method 506.3,
Procedure II, Front Panel Only

Sand/Dust: MIL-STD-810E, Method 510.3
Front Panel Only

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

Power: **Supply:** Internal 88-264/
VAC Auto Ranging
Frequency: 43-63Hz
Power: 104 Watts (Typical)
Chassis Connector:
MS3102A-10SL-3P
Cable Connector:
MS3106A-10SL-3S

Dimensions: 24"W x 15.72"H
x 4.5" DP

Weight: 25 lbs