

# AYDINDISPLAYS

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WWW.SPARTONRE.COM | SALES@SPARTONRE.COM



## 4324S

*24" CONSOLE MOUNT  
COLOR FLAT PANEL DISPLAY*

### FEATURES:

- Ultra Resolution, 1920 x 1080
- Anti-Reflective Protective Window
- Convenient Front Controls
- Wide Viewing Angle

### OPTIONS:

- Projected Capacitive Touchscreen

# SPECIFICATIONS:

**Active Display Area:** 531.4 x 298.9 mm  
(20.92" x 11.76")

**Pixel Pitch:** 0.277 x 0.277 mm

**Brightness:** 240 cd/m<sup>2</sup> (Typical)

**Viewing Angle:** ±89° All Directions (Typical)

**Contrast Ratio:** 1000:1 (Typical)

**Response Time:** 25 ms Tr + Tf (Typical)

**Display Colors:** 16 Million

**Input Signal:** **Analog video:**  
**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 0.7p-p and Sync 0.3Vp-p)

**Input Interface:** VGA , DVI-D

**Video Input Impedance:** 75 Ohms

**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 1080 @ 60 Hz

**Display Controls:** Power, Brightness, OSD

**Temperature:** **Operating:** (Sea Level): -25 °C to 55 °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 1

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

**Altitude:** **Operating:** 0 to 42,000 ft. above sea level  
**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-461F, CE101, CE102, CS101, CS106, CS114, CS116, RE101, RE102, RS101, RS103

**Power:** **Supply:** Internal 88-264/ VAC Auto Ranging  
**Power:** 104 Watts (Typical)  
**Chassis Connector:** D38999/24FA98PN

**Dimensions:** 23.7"W x 15"H x 3.18" DP

**Weight:** 32 lbs

**Compatibility:** PCs, Workstations & X-Terminals

**Options:** NVIS Backlight Enhanced Backlight Brightness 450 cd/m<sup>2</sup> Drip Proof All Over (IP64) Unit can be supplied without ECDIS