

# AYDINDISPLAYS

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## 4419A1



*19" COLOR FLAT PANEL DISPLAY*

### **FEATURES:**

- LED Backlight
- High Brightness with Full Range Dimming
- Anti-reflective Protective Viewing Window
- Wide Viewing Angle

# SPECIFICATIONS:

<b>Active Display Area:</b>	376.32 x 301.056 mm (14.816" x 11.853")
<b>Pixel Pitch:</b>	0.294 x 0.294 mm
<b>Brightness:</b>	300 cd/m2 (Min@100%) LED Backlight
<b>Viewing Angle:</b>	80/80/85/85 U/D/R/L (typical)
<b>Contrast Ratio:</b>	1000:1 (typical)
<b>Response Time:</b>	5 ms (typical)
<b>Display Colors:</b>	16 million
<b>Synchronization Range:</b>	<b>Horizontal:</b> 24.8 to 91 kHz <b>Vertical:</b> 47.2 to 89 Hz
<b>Input Signal:</b>	<b>Video Sync:</b> Analog 0.7 V p-p/75 Ω Separate sync. TTL level <b>Horizontal Sync:</b> Positive/ Negative <b>Vertical Sync:</b> Positive/ Negative <b>Composite Sync:</b> Positive/Negative Sync on Green (Video 0.7p-p and Sync 0.3Vp-p)
<b>Digital Video:</b>	DVI-D
<b>Input Interface:</b>	DVI-D, HD15F (VGA)
<b>Resolutions Supported:</b>	640 x 480 @ 60-85 Hz 720 x 400 @ 70-85 Hz 800 x 600 @ 60-85 Hz 1024 x 768 @ 60-85 Hz 1280 x 1024 @ 47-76 Hz
<b>Native Resolution:</b>	1280x1024 @ 60 Hz
<b>User Controls:</b>	Power, Brightness, Contrast, Clock, Horizontal & Vertical Position

<b>Temperature:</b>	<b>Operating:</b> 0°C to 40°C, MIL- STD-810G Method 501/ 502, Procedure II <b>Storage:</b> -20°C to +60°C, MIL-STD 810G, Method 501/502, Procedure I
<b>Humidity:</b>	<b>Operating/Storage:</b> 5 to 95% RH Non-condensing MIL-STD- 810E, Method 507.3 Procedure I
<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 B
<b>Vibration:</b>	MIL-STD-810G, Method 514, Category 20 Ground Mobile, Figure 514 C-1, 1 G rms MIL-STD-810G, Method 514, Category 13 Propeller Aircraft, Figure 514 C-9, 1 G rms
<b>Power:</b>	<b>Supply:</b> Internal 100-120V/ 220-240 VAC <b>Option:</b> ruggedized power supply to meet CGASEv A shock <b>Frequency:</b> 50-60 Hz <b>Power:</b> 40 Watts (typical) <b>Chassis Connector:</b> IEC-320
<b>Dimensions:</b>	16.17"W x 13.97"H x 2.63"DP
<b>Weight:</b>	11 lbs
<b>Compatibility:</b>	PCs, Workstations & X-Terminals