

## TL-248/2

19" Thin Lightweight Display (1280 x 1024)

**Rugged Displays and Computing: Displays**



The TL-248/2 is ScioTeq's second-generation 19" thin and lightweight rugged display combining unmatched thinness with exceptionally low weight.

### **Next-generation technologies**

ScioTeq's TL-248/2 offers a new generation upgrade solution for the TL-248. The updated model includes the latest innovations in electronics, inputs/outputs, video processing and touch technology.

The TL-248/2 features a first-class 19" SXGA LCD with LED backlight offering excellent performance in terms of brightness, crispness, dimming, contrast and viewing angle.

Several options and bezel configurations are available to address virtually any mounting need in any application. Additionally, the TL-248/2 combines this high level of performance and versatility with a very competitive price/performance value.

ScioTeq's TL displays have been designed for application in the most extreme environments, making them suited for naval combat, army, UAV and airborne applications.

## Product Specifications

<b>Panel Size</b>		19 inch	
<b>Resolution</b>		1280x1024 (SXGA)	
<b>Brightness</b>		Typical 250 cd/m <sup>2</sup> (72.5 fL), LED backlight	
<b>Contrast Ratio</b>		Typical 900:1	
		<b>Standard</b>	<b>Rugged Option</b>
	<b>Ships</b>	MIL-STD-167-1 Type 1	MIL-STD-167-1 Type 1
<b>Vibration</b>	<b>Airborne</b>	2 g MIL-E-5400T Fig.2, curve IIa (sheet 2 of 3)	2, curve IIa (sheet 2 of 3) 5 g MIL-E-5400T Fig.2, curve IIIa (sheet 2 of 3)
	<b>Random</b>		MIL-STD-810F, Meth 514.5 Proc I, comp. wheeled vehicle (C2 & C3)
<b>Shock</b>		MIL-STD-810F Meth 516.5 30 g - 12.5 ms	MIL-STD-810F, Meth 514.5 30 g - 12.5 ms
			MIL-S-901D Lightweight Grade A
<b>Operational Temperature</b>		Low temp: - 10°C (immediate usable image at power up, image fully compliant with specs after 30 minutes) Low temp: 0°C High temp: + 50°C	Low temp: - 40°C High temp: + 55°C
<b>Storage Temperature</b>		Low temp: - 40°C High temp: + 70°C	Low temp: - 40°C High temp: + 70°C
<b>Relative Humidity</b>		max. 95% @ 40°C	max. 95% @ 40°C
<b>Drip Proof</b>		MIL-STD-810F Meth 506.4 proc III	MIL-STD-810F Meth 506.4 proc III
<b>Altitude Low Pressure</b>		40,000 ft (187 mbar)	40,000 ft (187 mbar)
<b>Rapid Decompression</b>			MIL-STD-810F, Meth 500.4 Proc III, 8,000 ft to 40,000 ft in 15 s
<b>EMI/EMC</b>		MIL-STD-461F - NAVY Applications	MIL-STD-461F - NAVY Applications/NAVY fixed and Airforce Applications
<b>FCC</b>		FCC-A	FCC-A
<b>Ingress Protection</b>		IPx5 on display front IPx5 on unit level with optional circular MIL connectors	
<b>Signal Inputs</b>		2 x DVI, VGA, HD-SDI, RS-232 or RS-422, USB, Ethernet	
<b>Power</b>		28 VDC or 115-220 VAC, per MIL-STD-704E and MIL-STD-1275D guidelines	
<b>Power Consumption</b>		45 W typical (without heating)	
<b>Weight</b>		± 10 kg	
<b>Options</b>		LCD flicker compensation Touch screen Circular MIL connector interface	

January 2020

All specifications are subject to change without notice  
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



sales@eylex.com.au  
www.eylex.com.au

