

TL-358/2

23" Thin Lightweight Display (1920 x 1080)

Rugged Displays and Computing: Displays



The TL-358/2 is ScioTeq's second-generation 23" thin and lightweight rugged display combining unmatched thinness with exceptionally low weight.

A perfect fit for legacy systems

ScioTeq's TL-358/2 offers a new generation upgrade solution for the TL-358. The updated model includes the latest innovations in electronics, inputs/outputs, video processing and PCAP multi-touch technology.

The TL-358/2 features a first-class 23" full HD LCD with LED backlight, offering excellent performance in terms of brightness, crispness, dimming, contrast and viewing angle.

Several mounting options and bezel configurations are available to address virtually any mounting need in any application. Additionally, the TL-358/2 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 use.

Product Specifications

Panel Size		23"	
Resolution		1920 x 1080 (FHD)	
Brightness		Typical 250 cd/m ² (72.5 fL), LED backlight	
Contrast Ratio		Typical 800:1	
		Standard	Rugged Option
Vibration	Ships	MIL-STD-167-1 Type 1	MIL-STD-167-1 Type 1
	Airborne	2 g MIL-E-5400T Fig.2, curve IIa (sheet 2 of 3)	5 g MIL-E-5400T Fig.2, curve IIIa (sheet 2 of 3)
	Random		MIL-STD-810F, Meth 514.5 Proc I, comp. wheeled vehicle (C2 & C3)
Operational Temperature		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: - 25°C High temp: + 55°C
Storage Temperature		Low temp: - 40°C High temp: + 70°C	Low temp: - 40°C High temp: + 70°C
Relative Humidity		max. 95% @ 40°C	max. 95% @ 40°C
Drip Proof		MIL-STD-810F Meth 506.4 proc III	MIL-STD-810F Meth 506.4 proc III
Altitude Low Pressure		30,000 ft (187 mbar)	30,000 ft (187 mbar)
Rapid Decompression			MIL-STD-810F, Meth 500.4 Proc III, 8,000 ft to 40,000 ft in 15 s
EMI/EMC		MIL-STD-461F - NAVY Applications	MIL-STD-461F - NAVY Applications / Navy fixed and Airforce Applications
FCC		FCC-A	FCC-A
Ingress Protection		IPx5 on display front IPx5 on unit level with optional circular MIL connectors	
Signal Inputs		2 x DVI, VGA, HD-SDI, RS-232 or RS-422, USB, Ethernet	
Power		28 VDC or 115-220 VAC per MIL-STD-704E and MIL-STD-1275D guidelines	
Power Consumption		45 W typical (without heating)	
Weight		± 8 kg	
Options		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

