

# TL-358/2 23" Thin Lightweight

1920 x 1080 rugged lightweight display

Designed for the most extreme environments, suited for naval combat, ground army, UAV and airborne applications.



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

## Top-notch technology

The Thin Lightweight display TL-358/2 is Scioteq's 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.



Product specifications			
Panel size	23"		
Panel resolution	1920 x 1080 (FHD)		
Weight	8 kg / 17.64 lbs		
Dimensions	584 x 333 x 66,2 mm / 22.99 x 13.11 x 2.6 inches (w x h x d)		
Brightness	Typical 250 cd/m <sup>2</sup> (72.5 fL), LED backlight		
Dimming ratio	400:1		
Contrast ratio	Typical 800:1		
Viewing angle	Horizontal: ±89°, Vertical: ±89°		
Video inputs & outputs	2 x DVI, VGA, HD-SDI, RS-232 or RS-422, USB, Ethernet		
Connectors	Standard or MIL-DTL-38999/3 option		
Power supply	Power supply 28 VDC to MIL-STD1275D or 115-220VAC per MIL-STD-704E		
Power consumption	45 W typical (without heating)		
	<b>Standard</b>	<b>Rugged option</b>	
Operating temperature	Low temp: -10°C* 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
Vibration	Ships	MIL-STD-167-1 Type 1	MIL-STD-167-1 Type 1
	Airborn	2g MIL-E-5400T Fig.2, curve IIa (sheet 2 of 3)	5g 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)
Shock	MIL-STD-810F Meth 516.5 30g - 12,5ms	MIL-STD-810F Meth 514.5 30g - 12,5ms	MIL-S-901D Lightweight Grade A
EMI / EMC	MIL-STD-461F - NAVY Applications	MIL-STD-461F - NAVY Applications / Navy fixed and Airforce Applications	
Drip proof	MIL-STD-810F Meth 506.4 proc III	MIL-STD-810F Meth 506.4 proc III	
Altitude low pressure	40.000ft (302 mbar)		40.000ft (302 mbar)
Rapid decompression		MIL-STD-810F, Meth 500.4 Proc III, 8.000ft to 40.000ft in 15s	
FCC	FCC-A		FCC-A
Ingress protection	IPx5 on display front IPx5 on unit level with optional circular MIL connectors		
Options	LCD flicker compensation Touch screen		

\* Immediate usable image at power up, image fully compliant with specs after 30 minutes

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The information and data given are typical for the equipment described.  
However any individual item is subject to change without any notice.

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