

## TL-248/2

19" Thin Lightweight display (1280 x 1024)



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

### Next-generation technologies

Esterline's TL-248/2 offers the same form-fit-function as its predecessor, Esterline's TL-248. The revamped 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.

Esterline'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**
**TL-248/2**

Panel size		19"	
Resolution		1280x1024 (SXGA)	
Brightness		Typical 250 cd/m <sup>2</sup> (72,5 fL), LED backlight	
Contrast ratio		Typical 900:1	
		Standard	Rugged option
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 516.5 30g - 12,5ms MIL-S-901D Lightweight Grade A
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: -40°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		40.000ft (187 mbar)	40.000ft (187 mbar)
Rapid decompression			MIL-STD-810F, Meth 500.4 Proc III, 8.000ft to 40.000ft in 15s
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-D, VGA, HD-SDI, RS-232 or RS-422, USB, Ethernet	
Power		28 VDC or 115-220VAC, per MIL-STD-704E and MIL-STD1275D guidelines	
Power consumption		45 W typical (without heating)	
Weight		± 7,5kg	
Options		LCD flicker compensation Touch screen Circular MIL connector interface	