

TL-354

21.3" Thin Lightweight display (1600 x 1200)



The TL-354 is a new 21.3" thin and light-weight rugged display combining unmatched thinness with exceptionally low weight.

A perfect fit for legacy systems

ScioTeq's TL-354 offers a new generation upgrade solution for the TL-351 in terms of LCD resolution, ruggedization, and display functionality.

The TL-354 can serve as a drop-in replacement for customers needing displays with a 4:3 aspect ratio and 1600 x 1200 screen resolution. It is the perfect solution for legacy systems currently equipped with a 20.1" UXGA display.

The TL-354 features a first-class 21.3" Active Matrix Liquid Crystal Display offering excellent performance in terms of brightness, dimming, crispness, contrast, and viewing angle. Equipped with an LED backlight, the TL-354 offers a long lifetime and reduces power consumption.

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



Product specification				
Panel size		21,3"		
Resolution		1600 x 1200 (UXGA)		
Brightness		Typical 300 cd/m² (87 fL), LED backlight		
Contrast ratio		Typical 1500:1		
		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		± 10kg		
Options		LCD flicker compensation Touch screen Circular MIL connector interface		

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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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