

TVD104XSC



FEATURES

10.4"

- ◆ **T-BRITE®** Technology
 - Unrivalled Power Efficiency
 - Superior Thermal Dissipation
 - Innovative fault-tolerant LED design
- ◆ High Brightness LED Backlight
- ◆ Ultra High Contrast Ratio
- ◆ Low Power Consumption
- ◆ Slim and Compact Design
- ◆ Wide Viewing Angle
- ◆ Wide Operating Temperature

CONTACT

True Vision Displays, Inc.

16402 BERWYN ROAD
CERRITOS, CA 90703

PHONE 1-562-407-0630

FAX 1-562-407-0631

E-mail sales@TVDLCD.com

Website www.TVDLCD.com



TRUE VISION DISPLAYS, INC.

TVD104XSC is a rugged 10.4" LCD module developed with applications where durability and dependability are critical. We have incorporated our proprietary high-brightness LED backlight into TVD104XSC to achieve unrivalled power efficiency and superior thermal management characteristics. The quality of our product is backed by years of experience in developing LCD displays for the avionics, industrial, and defense sectors.

SPECIFICATIONS

Display	Display Area	210.432 (H) x 157.824 (V)	mm
	Pixels	1024 (H) x 768 (V)	pixels
	Pixel Pitch	0.2055 (H) x 0.2055 (V)	mm
	Display Color	262,144	colors
	Display Mode	Normally Black	
	Response Time	40	msec
	Contrast Ratio	600:1	
	Luminance	1,000	cd/m ²
	Viewing Angle	L/R/U/D = 89/89/89/89	Deg
Backlight	Interface	LVDS	
	Light Source	High Bright LED Rails	
	Life Time	100,000	Hr
Power	Connection	Molex 52271-1269 (12pin zip connectors)	
	LCD Power	0.7 (3.3V / 210mA)	W
	Backlight Power	4.2 (11.0V / 0.38A)	W
Environment	Total Power Consumption	4.9	W
	Operating Temperature	-20 ~ +70 (-40 ~ +70 w/ Heater)	°C
	Storage Temperature	-40 ~ +80	°C
	Humidity	80 (Storage: 90)	%
	Shock	50 (11ms, Half Sine Wave ±X, ±Y, ±Z)	G
	Vibration	10~200Hz, 1.5G for 0.5 Hr / axis (X, Y, Z)	
Mech.	Outline Dimension	227.0(H) x 174.0(V) x 8.9(D) [w/o Cover Glass]	mm
	Weight	420	gram
	Mounting	4x M2 Screw Mounting in sides	
Option	Dimming	0 ~ 100% Dimming with LED Controller	
	Night Vision	NVIS MIL-STD-3009 (MIL-L-85762A)	
	Touch Screen	5-Wires Resistive, Scratch Resistant	
	Glass Bonding	Heater / EMI / Low Reflection / Touch	
	Finish	Black Powder Coating on Front Bezel	

True Vision Displays, Inc.
Committed to Quality and Environment.

