

TVD065XHL-NV



FEATURES

6.5"

- ◆ **T-BRITE®** Technology
 - Unrivalled Power Efficiency
 - Superior Thermal Dissipation
 - Innovative fault-tolerant LED design
- ◆ Sunlight Readable
- ◆ NVIS: MIL-STD-3009 Class B
- ◆ Wide Viewing Angle
- ◆ High Resolution (XGA)
- ◆ Longer Life Time
- ◆ Wide Operating Temperature Range of -20C ~ +70C

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.

TVD065XHL-NV is a rugged 6.5" NVIS-compatible LCD module developed with commercial and military applications in mind. This model features our proprietary T-BRITE technology for superior performance, high brightness LED backlight for sunlight readability, and NVIS mode for compliance with MIL-STD-3009. If your project requires a high-performance LCD display module with NVIS compatibility, look no further.

SPECIFICATIONS

Display	Display Area	132.096 (H) x 99.072 (V)	mm
	Pixels	1024 (H) x 768 (V)	pixels
	Pixel Pitch	0.129 (H) x 0.129 (V)	mm
	Display Color	16,777,216 (8bit)	colors
	Display Mode	Normally White	
	Response Time	25	msec
	Contrast Ratio	400:1	
	Luminance	Day 1,000 (Day 250fL@3.0W / Night 5fL@0.4W)	cd/m ²
	Viewing Angle	L/R/U/D = 80/80/80/60	Deg
	Interface	LVDS	
	NVIS Mode	MIL-STD-3009 Class B Neutral Density	
Backlight	Light Source	Dual Mode Backlight (Day Mode / NVIS Mode)	
	Life Time	50,000	Hr
	Connection	Molex 52271-1269 (12pin Zip Connector)	
Power	LCD Power	1.4 (3.3V / 410mA)	W
	Backlight Power	3.5 (21.6V / 0.16A for 1,000cd/m ²)	W
		* Day Mode(250fL): 3.0W (21.5V / 0.14A)	
		* Night Mode(5.0fL): 0.4W (20.7V / 0.017A)	
	Total Power Consumption	4.9	W
Environment	Operating Temperature	-20 ~ +70	°C
	Storage Temperature	-40 ~ +80	°C
	Humidity	90	%
	Shock	55 (11ms, 5 times each direction X Y Z)	G
	Vibration	5~100Hz, 2G (120 times each direction X Y Z)	
Mech.	Outline Dimension	153(H) x 117(V) x 7.15(D) (D=10.35 w/ Ctrl Brd)	mm
	Weight	153.5	gram
	Mounting	Compression Fit	
Option	Dimming	0 ~ 100% Dimming with LED Controller	
	Touch Screen	Resistive, Projected Capacitive, Scratch Resistant	
	Glass Bonding	Heater / EMI / Low Reflection / Touch	

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

