

TVD065XHL



FEATURES

6.5"

- ◆ High Brightness LED Backlight
- ◆ Sunlight Readable
- ◆ Thermal Dissipation Technology
- ◆ Wide Viewing Angle
- ◆ High Resolution (XGA)
- ◆ Low Power Consumption
- ◆ Longer Life Time
- ◆ Wide Operating Temperature Range of -20C ~ +70C
- ◆ Easy Mounting

CONTACT

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TRUE VISION DISPLAYS, INC.

TVD065XHL is a rugged 6.5" LCD module developed with applications where durability and dependability are critical. We have incorporated our proprietary high-brightness LED backlight into TVD065XHL to achieve unrivaled 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	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	
Backlight	Luminance	1,000 @3.6W (1,200 @4.3W)	cd/m ²
	Viewing Angle	L/R/U/D = 80/80/80/60	Deg
	Interface	LVDS	
Backlight	Light Source	High Bright LED Rails	
	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 1,000 cd/m ²)	W
	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.

