

# TVD150XHL



15"

## FEATURES

- ◆ High Brightness LED Backlight
- ◆ Sunlight Readable Brightness
- ◆ Wide Viewing Angle
- ◆ Thermal Dissipation Technology
- ◆ Wide Operating Temperature Range of -10C ~ +65C
- ◆ Extremely Compact Design
- ◆ High Contrast Ratio
- ◆ Low Power Consumption
- ◆ Easy Mounting

## CONTACT

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TRUE VISION DISPLAYS, INC.

TVD150XHL is a rugged 15.0" LCD module developed with applications where durability and dependability are critical. We have incorporated our proprietary high-brightness LED backlight into TVD150XHL 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	304.128 (H) x 228.096 (V)	mm
	Pixels	1024 (H) x 768 (V)	pixels
	Pixel Pitch	0.297 (H) x 0.297 (V)	mm
	Display Color	16.2M / 262K	Colors
	Display Mode	Normally Black	
	Response Time	35	msec
	Contrast Ratio	1,500:1	
	Luminance	1,000	cd/m <sup>2</sup>
Backlight	Viewing Angle	L/R/U/D = 85/85/85/85	Deg
	Interface	LVDS	
	Light Source	High Bright LED Rails	
Power	Life Time	50,000	Hr
	Connection	TE Connectivity 1-84952-4 (14pin Zip Conn.)	
	LCD Power	1.25 (3.3V / 380mA)	W
Environment	Backlight Power	16.0 (22.4V / 0.72A)	W
	Total Power Consumption	17.25	W
	Operating Temperature	-20 ~ +65	°C
Mech.	Storage Temperature	-40 ~ +65	°C
	Humidity	90	%
	Shock	50 (11ms, half sine wave)	G
	Vibration	10~500Hz, 1G for 11min/cycle	
Option	Outline Dimension	326(H)x 248(V) x 11.85(D) (w/o Cover Glass)	mm
	Weight	980 (w/o Cover Glass)	gram
	Mounting	6x M2 Screws available on side	
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.

