

# TVD070WXHL-NV



7.0"

## FEATURES

- ◆ T-BRITE® Technology
  - Unrivalled power efficiency
  - Superior thermal dissipation
  - Innovative fault-tolerant LED design
- ◆ High Brightness LED backlight for Sunlight Readability
- ◆ NVIS: MIL-STD-3009 Class B
- ◆ Dual Mode for Day and NVIS
- ◆ Long Life Time
- ◆ Compact Design
- ◆ Wide Temperature Range

## CONTACT

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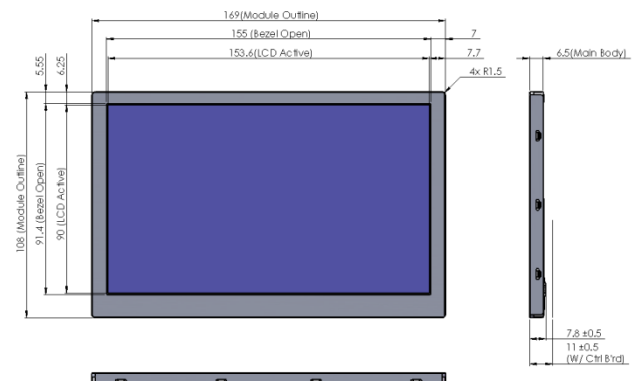


TRUE VISION DISPLAYS, INC.

TVD070WXHL-NV is a rugged 7" wide 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	<b>Display Area</b>	153.6 (H) x 90.0 (V)	mm
	<b>Pixels</b>	1024 (H) x 600 (V)	pixels
	<b>Pixel Pitch</b>	0.05 (H) x 0.15 (V)	mm
	<b>Display Color</b>	16,777,216 (6bit / 8bit)	colors
	<b>Display Mode</b>	Normally White	
	<b>Response Time</b>	25	msec
	<b>Contrast Ratio</b>	700:1	
	<b>Luminance</b>	1,000	cd/m <sup>2</sup>
	<b>Viewing Angle</b>	L/R/U/D = 75/75/70/75	Deg
	<b>Interface</b>	LVDS	
	<b>NVIS Mode</b>	MIL-STD-3009 Class B Neutral Density	
Backlight	<b>Light Source</b>	Dual Mode Backlight (Day Mode / NVIS Mode)	
	<b>Life Time</b>	100,000	Hr
	<b>Connection</b>	Molex 52271-1269 (12pin Zip Connector)	
Power	<b>LCD Power</b>	0.35 (3.3V Input)	W
	<b>Backlight Power</b>	4.15 (21.9V / 190mA)	W
	<b>Total Power Consumption</b>	4.5	W
Environment	<b>Operating Temperature</b>	-30 ~ +80	°C
	<b>Storage Temperature</b>	-30 ~ +80	°C
	<b>Humidity</b>	90	%
	<b>Shock</b>	100 (6ms, 3 times each direction ±X ±Y ±Z)	G
	<b>Vibration</b>	10~55Hz, (1.5mm, 2Hrs each direction X Y Z)	
Mech.	<b>Outline Dimension</b>	169(H) x 108(V) x 7.8(D) *11.0(D) with Ctrl Board	mm
	<b>Weight</b>	170	gram
	<b>Mounting</b>	Compression Fit	
Option	<b>Dimming</b>	0 ~ 100% Dimming with LED Controller	
	<b>Touch Screen</b>	Resistive, Projected Capacitive, Scratch Resistant	
	<b>Glass Bonding</b>	Heater / EMI / Low Reflection / Touch	



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

