

TVD104XAC-NV



10.4"

FEATURES

- ◆ **T-BRITE®** Technology
 - Unrivalled Power Efficiency
 - Superior Thermal Dissipation
 - Innovative fault-tolerant LED design
- ◆ High Brightness LED Backlight
- ◆ NVIS: MIL-STD-3009 Class B
- ◆ Ultra High Contrast Ratio
- ◆ Slim and Compact Design
- ◆ Wide Viewing Angle
- ◆ Wide Operating Temperature

CONTACT

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TRUE VISION DISPLAYS, INC.

TVD104XAC-NV is a rugged 10.4" 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 | 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 | 16.2M / 262K | colors |
| | Display Mode | Normally Black | |
| | Response Time | 30 | msec |
| | Contrast Ratio | 1,400:1 | |
| | Luminance | 1,000 (Day Mode) | cd/m ² |
| | Viewing Angle | L/R/U/D = 89/89/89/89 | Deg |
| Backlight | Interface | LVDS | |
| | NVIS Mode | MIL-STD-3009 Class B Neutral Density | |
| | Light Source | Dual Mode Backlight (Day Mode / NVIS Mode) | |
| Power | Life Time | 100,000 | Hrs |
| | Connection | Molex 52271-1269 (12pin zip connector) | |
| | LCD Power | 0.7 (3.3V / 210mA) | W |
| Environment | Backlight Power | 6.7 (21.7V / 310mA, Day Mode) | W |
| | Total Power Consumption | 7.4 | W |
| | Operating Temperature | -30 ~ +80 | °C |
| Mech. | Storage Temperature | -30 ~ +80 | °C |
| | Humidity | 90 | % |
| | Shock | 50 (11ms, Half Sine Wave ±X, ±Y, ±Z) | G |
| | Vibration | 10~200Hz, 1.5G for 0.5 Hr/axis (X, Y, Z) | |
| Option | Outline Dimension | 227.0(H) x 174.0(V) x 9.6(D) [w/o Cover Glass] | mm |
| | Weight | 410 | gram |
| | Mounting | 4x M2 Screw Mounting on sides | |
| Option | Dimming | 0 ~ 100% Dimming with LED Controller | |
| | 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.

