



VARTECH
Systems Inc.

Fully Submersible, Sunlight Readable LCDs

All-Weather ♦ All-Terrain



VarTech's All-Weather series includes waterproof, totally sealed, IP67 NEMA 6 LCD displays. These high resolution, sunlight readable LCD displays provide exceptional clarity, viewing angles, extensive operational temperatures (-40°C to +70°C), IP67 (NEMA 6) protection, RAM mounting, and offer the ultra rugged touch screen Armor Touch.

Sizes: 8.4", 10.4", 12.1" and 15.0"

Available with **Durable 5-wire Resistive Touch Screen**

Optional **NVIS** per MIL-STD-3009 Class B Gen 3

10 different IP67 Sealed Video Input Configurations available

Standard Product Features

- IP67 (NEMA 6) Fully-Enclosed Submersible Machined 6061 T6 Aluminum Enclosure with Corrosion Protection per MIL Spec MIL-C-22750 (CARC)
- Harsh Duty LCD Panel w/ Optically Bonded Overlay
- True High Brightness Low-Power, high reliability Solid State LED Backlighting
 - > Luminance Level: 1000 - 1960 cd/m²
 - > No risk of backlight hard failure
 - > LED array provides light-source redundancy
 - > No voltage in drive circuitry
 - > Virtually instant warm-up
- Advanced Deep Dimming to Black
- VarTech's advanced VTLED driver technology, the latest in technology for driving solid state High Bright Light Emitting Diodes (HBLEDs)
- Ultra-Wide Viewing Angles
- RAM, VESA, Panel and Flush Mounting Options
- Pressure Venting and Equalization
- Optional Programmable Function Keys
- Extreme Wide Operational Temperatures:
 - Standard -20° to +70°C (-4°F to 158°F)
 - Optional -40° to +70°C (-40°F to 158°F)
- VarTech's Harsh Environment Controller Board - Shock & Vibration Tolerant, including low-mass tantalum capacitors, Wide Operational Temperature Range
- Harsh Duty Variable Power Supply, 9 to 36 VDC, Wide Range, Low Noise, Wide Operational Temperature (Optional AC Power, Universal Input 85 to 264 VAC)
- Internal Short Circuit Protection
- Load Dump, Over Voltage, and Reverse Polarity Protection
- Shock: Designed to meet MIL-S-901D
- Vibration: Designed to meet MIL-STD-167
- Over Voltage and Reverse Polarity Protection
- Available with Armor Touch ultra rugged touch screen
- Available with Full Night Vision Compliance - NVIS per MIL-STD-3009 Class B Gen 3
- 10 different IP67 Sealed Video Input Configurations available

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