

# TOUGH TOUCH<sup>®</sup> 13.3"

**ULTRA-RUGGED  
SUNLIGHT READABLE**

Fully-Sealed RAM/VESA Mount LCD Monitor

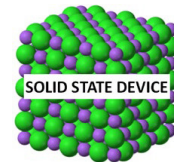


Weatherproof

Wide Temperature Range



INDUSTRIAL  
GRADE



SOLID STATE DEVICE



ULTRA-HARSH DUTY

## PRODUCT HIGHLIGHTS

- ✓ True industrial grade LCD panel
- ✓ Long-life advanced LED backlighting, over 100,000 hours half-life
- ✓ 1700 nits (cd/m<sup>2</sup>) high brightness
- ✓ Wide operational temperature range
- ✓ D38999 single connector
- ✓ Hardened armored TOUGH TOUCH<sup>®</sup> screen technology
- ✓ T6 temper 6061T high-quality, heat treated aluminum alloy
- ✓ Multiple mounting options allows for easy integration into confined spaces
- ✓ Light weight
- ✓ Fully-sealed enclosure
- ✓ Made in USA

## FEATURES

<b>DISPLAY</b>	TOUGH TOUCH® Armored Glass 1500 nit (cd/m2) High Brightness Sunlight Readable True Industrial Grade LCD 700:1 Contrast Ratio, 16:9 Aspect Ratio >100,000 Hour Led Backlighting Life 1000:1 Backlight Dimming Ratio 4 Axis 85° Viewing Angle	<b>OPERATION</b>	Integrated Speaker Up and Down IP67 Sealed Push-Buttons for Dimming Management TOUGH TOUCH® Touchscreen Technology
<b>RESOLUTION (MAX)</b>	1920 x 1080 (1080P)	<b>POWER TYPE</b>	36V DC Wide-Temp Vehicle Grade
<b>ELECTRICAL</b>	9-36 VDC Input Voltage 25 Watts Auto Power On	<b>TOUCH SCREEN</b>	Hardened Armored TOUGH TOUCH® Technology: A glass armored resistive technology that is an excellent alternative to standard resistive when durability is an issue.  A Micro-thin sheet of borosilicate glass is laminated to the ITO polyester top sheet used in the typical construction of resistive touch sensors.  This process produces a flexible glass membrane which is scratch resistant, water proof, and impervious to chemicals, fire, and stylus use.
<b>OPTICAL FILM ENHANCEMENTS</b>	Boosts efficiency of the backlight's light utilization and minimizes the surface reflection of ambient light  The result is a transmissive enhancement that features higher contrast and a wider range of colors, even in bright outdoor light, than traditional reflective LCDs	<b>BACK-LIGHT TECHNOLOGY</b>	Solid State, Long-Life LED: Ultra-Long life, little to no EMI interference, low operational voltage, ultra-wide temperature, excellent shock & vibration attributes, and ease of brightness control.
<b>OPTICAL BONDING</b>	Touch Screen bonded directly to LCD face: Significantly enhances readability for use throughout high humidity and high ambient light outdoor environments	<b>MECHANICAL</b>	Milled 6061-T6 Aluminum Enclosure, Electrochemical Anodized for added Corrosion Resistance, Black Textured Finish per Military Standards FED-STD-595 Single D38999 Military-Grade Connector 3 Position RAM & Vesa 100 mm Mounting Fully Enclosed, Gasket Sealed, No Vents Vibration Proof, Self-Locking Fastener System
<b>REGULATORY / EMC</b>	FCC Class A CE Mark ROHS Compliant	<b>ENVIRONMENTAL</b>	Operating Temperature: -30°C to 70°C (Optional -40°C Available) Storage Temperature: -40°C to 70°C Shock: Designed to meet MIL-STD-810F Vibration: Designed to meet MIL-STD-810F UV-Stable Powder Coating

## ORDERING INFORMATION

