

TOUGH TOUCH[®] 12.1"

ULTRA-RUGGED SUNLIGHT READABLE

Fully-Sealed RAM/VESA Mount LCD Monitor

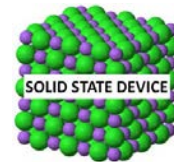


Weatherproof

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
- ⊕ 1200 nits (cd/m²) high brightness
- ⊕ Wide operational temperature range
- ⊕ D38999 single connector
- ⊕ Hardened armored TOUGH TOUCH[®] screen technology
- ⊕ T6 temper 6061T high-quality, heat treated aluminum alloy
- ⊕ Small footprint with multiple mounting options allows for easy integration into confined spaces
- ⊕ Light weight
- ⊕ Fully-sealed enclosure
- ⊕ Made in USA

FEATURES

DISPLAY	TOUGH TOUCH® Armored Glass 1200 nit (cd/m2) High Brightness Sunlight Readable True Industrial Grade LCD 600:1 Contrast Ratio, 4:3 Aspect Ratio >100,000 Hour Led Backlighting Life 1000:1 Backlight Dimming Ratio 4 Axis 80° Viewing Angle	OPERATION	Sealed Push-Buttons for Dimming Management TOUGH TOUCH® Touchscreen Technology
RESOLUTION (MAX)	1024 x 768 XGA	POWER TYPE	Variable 9 to 36V DC Wide-Temp Vehicle Grade
ELECTRICAL	9-36 VDC Input Voltage 25 Watts Auto Power On	TOUCH SCREEN	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.
OPTICAL FILM ENHANCEMENTS	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	BACK-LIGHT TECHNOLOGY	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.
OPTICAL BONDING	Touch Screen bonded directly to LCD face: Significantly enhances readability for use throughout high humidity and high ambient light outdoor environments	MECHANICAL	Rugged 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
REGULATORY / EMC	FCC Class A CE Mark ROHS Compliant	ENVIRONMENTAL	Operating Temperature: -30°C to 85°C Storage Temperature: -40°C to 85°C Shock: Designed to meet MIL-STD-810F Vibration: Designed to meet MIL-STD-810F UV-Stable Powder Coating

ORDERING INFORMATION

Contact us at **855.365.2188** or visit octagonsystems.com/request-quote to begin the ordering process.

