

TOUGH TOUCH[®] 18.5"

**ULTRA-RUGGED
SUNLIGHT
READABLE**

Fully-Sealed RAM/VESA Mount LCD Monitor

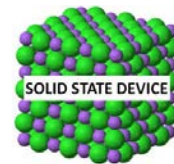


Weatherproof

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
- ⊕ 1500 nits (cd/m²) high brightness
- ⊕ Wide operational temperature range
- ⊕ Hardened armored TOUGH TOUCH[®] screen technology
- ⊕ Light weight
- ⊕ T6 temper 6061T high-quality, heat treated aluminum alloy enclosure
- ⊕ Fully-sealed enclosure
- ⊕ D38999 connector
- ⊕ Multiple mounting options allows for easy integration into confined spaces

FEATURES

DISPLAY	TOUGH TOUCH® Armored glass 1,300 nit (cd/m2) high-brightness Sunlight readable True industrial grade LCD 1,000:1 contrast ratio, 16:9 aspect ratio >100,000 hour LED backlighting life 1,000:1 backlight dimming ratio 4-axis 88° viewing angle	OPERATION	Integrated speaker IP67 sealed push-buttons for brightness / dimming management TOUGH TOUCH® touchscreen technology
RESOLUTION (MAX)	1920 x 1080 (1080P)	POWER TYPE	Variable 9 to 36VDC wide-temp vehicle grade
ELECTRICAL	9 to 36 VDC input voltage 63W 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	Milled 6061-T6 aluminum enclosure, electrochemical anodized for added corrosion resistance, black textured finish per military standard FED-STD-595 Single D38999 military-grade connector 3-position RAM & Vesa 100mm 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: -20°C to +70°C (optional -40°C available) Storage Temperature: -20°C to +70°C Shock: Designed to meet MIL-STD-810 Vibration: Designed to meet MIL-STD-810 UV-Stable powder coating

ORDERING INFORMATION

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

