

TOUGH TOUCH[®] 19.0"

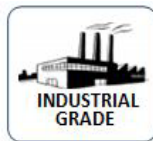
ULTRA-RUGGED SUNLIGHT READABLE

Fully-Sealed RAM/VESA Mount LCD Monitor

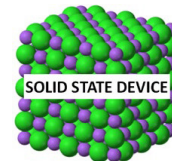


Weatherproof

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
- ✓ 1300 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 1000:1 backlight dimming ratio 4-axis 89° 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: -30°C to +85°C (optional -40°C available) Storage Temperature: -30°C to +85°C Shock: Designed to meet MIL-STD-810 Vibration: Designed to meet MIL-STD-810 UV-Stable powder coating |

ORDERING INFORMATION

