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# 20.1" Intelligent Display

The Leidos 20.1" Intelligent Display is designed for shipboard applications in a bulkhead mounted configuration. The Intelligent Display integrates a 20.1" LCD touchscreen display with a passively cooled CPU module within a rugged enclosure. The unit leverages COTS components combined with proven ruggedization techniques to provide a reliable, cost effective solution for applications requiring qualification to MIL environments.

## DISPLAY SPECIFICATIONS

- Active Area: 20.1" diagonal
- Resolution: 1600 X 1200 UXGA
- Response Time: 25 ms (typical)

## PHYSICAL CHARACTERISTICS

- Size: 19.0" x 22.5" x 7.3"
- Weight: 48lbs.
- Heat Dissipation: Passive (Natural Convection)

## ELECTRICAL CHARACTERISTICS

- Power Consumption: 100 watts
- Operating Line Current: 0.8 amps @ 120VAC
- Voltage: 90 - 264VAC
- Frequency: 50/60 Hz
- Phase: Single

## SYSTEM SPECIFICATIONS

- Type: INTEL CORE i7 @ 2.66 GHz
- System Chipset: INTEL QM57
- System Memory: 4GB (DDR)
- Storage: 100 GB Solid State Drive
- Audio System: 90 dB Min @ 1 m

## ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -30°C to +60°C
- Storage Temperature: -30°C to +70°C
- Relative Humidity: MIL-STD-810F, Method 507.4
- Shock: MIL-S-901D Grade A, Class I
- Vibration: MIL-STD-167-1A
- EMI: MIL-STD-461F
- Enclosure: MIL-STD-810F METHOD 506.4

## INTERFACES

- Front Panel Controls: TouchScreen (Resistive 5 Wire Type), Brightness, Volume, Panel Mouse
- USB: 2 USB 2.0 via MIL Circular Connector
- Network:
  - Dual 100 FX
  - Dual 10/100/1000 Base-T

## FOR MORE INFORMATION

**leidos.com/sterling-integration**
**salessupport-sterling@leidos.com**

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