

# 15" Transflective Display



**Product Description:** This militarized 15" sunlight-readable transflective display provides the ultimate user-interface for any mobile platform. Its compact construction makes it easy to mount in spaces where 10" or 12" displays were originally located. The bezel button user interface allows complete application operations without the need for a keyboard or mouse and the display is built to meet the night vision requirements of MIL-L-87562A.

This 15" bezel button display was developed by Naval Surface Warfare Center, Dam Neck, in partnership with W R Systems, Ltd. The display supports the Integrated Tactical Mobility System (ITMS): a small-craft, integrated bridge system which provides navigation and tactical information for the special operations forces operating in extreme environments.

## Display Specifications

- 15" diagonal viewing area
- Transflective sunlight-readable LCD panel
- Day/night modes [night vision imaging system (NVIS) compliant]
- Fully dimmable: (Night: 0.3-10 nits, Day: 10-550 nits)
- RGB analog input
- 22 backlit and programmable silicone bezel buttons, addressable via RS-232 serial communications
- EMI shielding
- Built-in advanced power and environmental control unit
- Automatic variable speed control of exterior cooling fans if required
- Automatic control of internal augmentation heaters and circulating fans



## Features:

- Operates in extreme, harsh environments
- Bright screen is viewable in open-cockpit boats
- Bezel buttons allow for access to user functions while operating at high speeds and in rough seas
- Night vision capable
- Automatic brightness and dimming

<b>Resolution:</b>	1024 x 768
<b>Power:</b>	18-32 VDC - 1.9 amps nominal @ 24 VDC - 45 watts
<b>Physical size:</b>	15.2" x 11.6" x 3.3"
<b>Weight:</b>	15.6 lbs
<b>Operational Temperature:</b>	-20 to 55 C
<b>Interfaces:</b>	Single MIL-DTL-38999 Series III connector
<b>Environmental:</b>	Air-tight sealed enclosure (waterproof), and IP67 compliant, and survives 30 G shock and sea state 5

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