

TACNAV Moving Map Display (MMD)

emcore®

A Real-time Multipurpose, Multilingual Tactical Tablet Display



Key Features and Attributes

- Offers multi-level zoom capability
- Displays data in either degrees or miles
- Offers full functionality in multiple grid reference systems
- High bright display for outdoor viewing, and dims to support low-light tactical operations
- Ensures accurate and common information is used by all vehicles through waypoints and routes entered via touchscreen or external tools
- Annotate key operational points and create permanent key points of interest via touchscreen
- Touch glove-compatible touchscreen
- Compatible with existing and future TACNAV systems

Real-time Moving Map Technology

The TACNAV Moving Map Display (MMD) offers real-time moving map technology for the TACNAV family of tactical navigation systems. The MMD provides an easy-to-read, easy-to-use graphical navigation capability for military vehicles by combining available internal or external GPS/GNSS with TACNAV's inertial or compass-guided navigation solution. It displays position, heading, speed, cross track error, distance, and bearing to waypoint on a touchscreen viewable in all lighting conditions.

Vehicle location and other pertinent navigation information is shown on either a satellite or topographic map stored locally on the MMD. This information can be displayed to the vehicle commander, driver, and other occupants as required. Users can easily create, store, and activate waypoints and routes from the touchscreen. In addition, the vehicle commander's MMD works alongside and complements the driver's TACNAV Universal Multilingual Display (UMD) for designed-in flexibility.

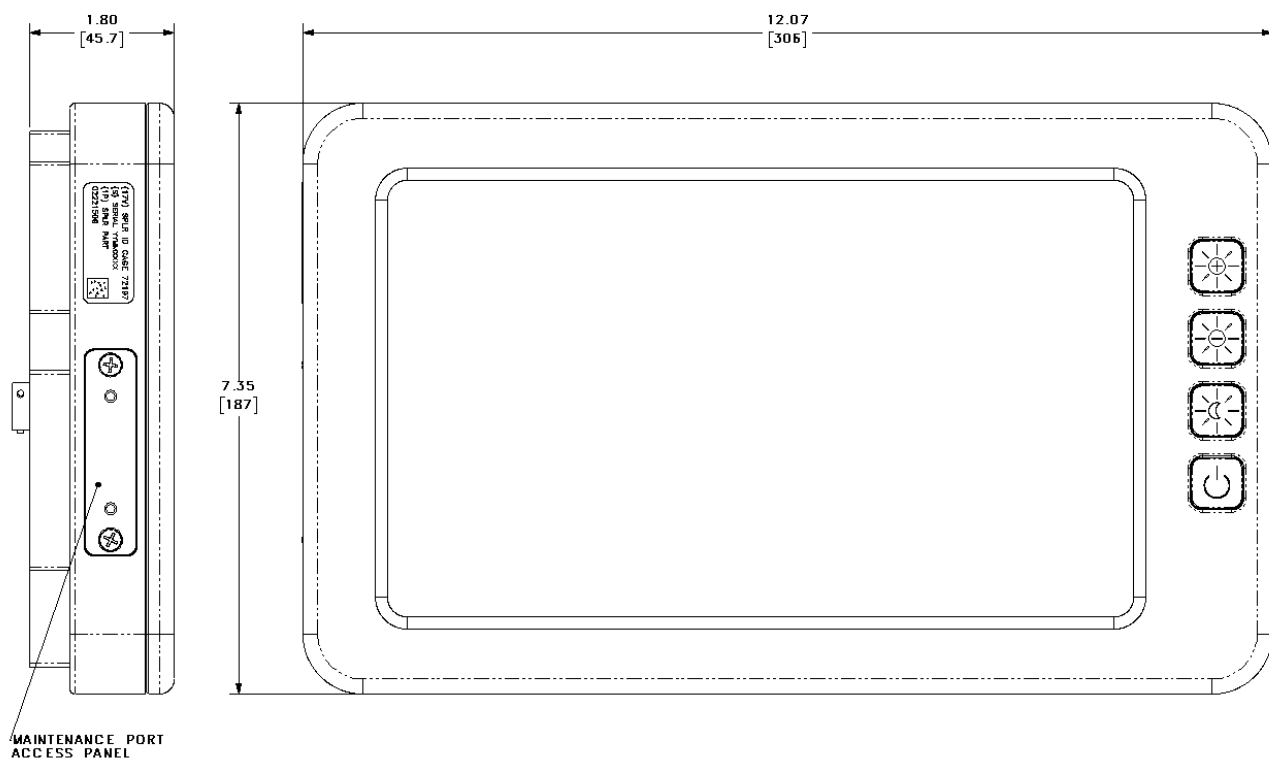
The MMD is capable of presenting navigation information in multiple languages, enhancing joint multinational operations. Developed for demanding battlefield conditions, the fixed-mount display is ruggedized to withstand demanding military environments and offers multiple options for vehicle mounting and external interfaces as required.



The EMCORE Moving Map Display (MMD) delivers real-time tactical moving map technology, displaying internally stored maps with a moving icon indicating vehicle location, as well as other pertinent navigation information. Users can create, store, and activate waypoints and routes from the touchscreen, which is viewable in all lighting conditions.

Physical Features

- 10.1" diagonal color LCD, with a 16 x 9 aspect ratio
- Wide viewing angle (near 180 degrees both horizontal and vertical) in all lighting conditions
- Impact-resistant touchscreen
- Ruggedized for battlefield environments
- Dimensions: 186.8 mm (h) x 306.5 mm (w) x 45.7 mm (d) (7.35" x 12.07" x 1.80")
- Weight: 2.4 kg (5.4 lbs.) nominal



For More Information

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