

# do 3D™

## Worldwide Moving Map



## The Most Advanced 3D Moving Map Technology for Business and Private Aircraft

The next generation of Worldwide Moving Maps are here. **do 3D™** provides a highly detailed three dimensional moving map experience for private and business aircraft. The new **do 3D** map is available on the standalone **FDMAP** hardware and is available as a software upgrade to the **do CAPSULE™** wireless media streaming platform.

- High-resolution 3D imagery
- Features **Glass Cabin™** which enables passengers to view the map terrain by simply pointing their devices in any direction
- Pinch, zoom, and pan to explore the globe in an immersive 3D experience
- Optional Upgrades Available: Custom splash pages, aircraft icons, Points of Interest, 1.5 meter imagery



**Certifications:**  
PMA Certified  
DO-160 Tested

### Key Features:

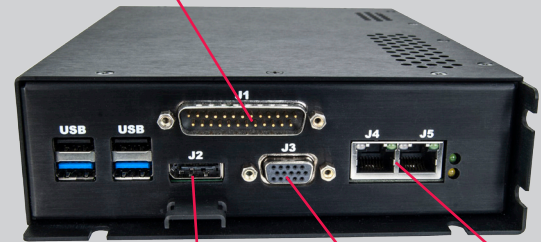
- ▶ Worldwide high-resolution 3D imagery
- ▶ Pinch to zoom
- ▶ Interactive points of interest
- ▶ Explore the Earth in 3D
- ▶ Supports HDMI and VGA
- ▶ Supports HDSDI with optional converter
- ▶ Interactive world clock
- ▶ Eight language options; (English, Spanish, French, German, Portuguese, Italian, Arabic, and Russian)
- ▶ Dynamic instruments view
- ▶ 3D Relative City Locator
- ▶ Ten different flight data parameters
- ▶ Selectable units of measure (English, Metric, Knots)

# Specifications

DO-160 TESTED FAA/PMA Approved	
Dimensions	6.35" (W) x 1.95" (H) x 9.75" (D)
Weight	3 lbs, 4 oz
Power Input	28V DC @ 2 Amp Max. Cont. Steady-State
FMS/GPS Data Interface	Dual ARINC 429 RS-232
Video Outputs	VGA, HDMI 1.4
Network Connections	(2) x 10/100/1000 Mbps
Operating Temperature	-15 to +55° C
Inrush Current Measurement	20.0 Amps Peak 2.0 Amps @ 50µS 1.0 Amps Steady State @ 350µS



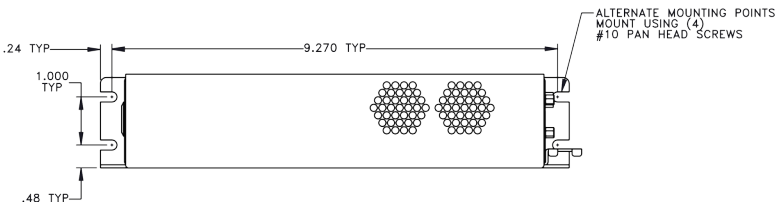
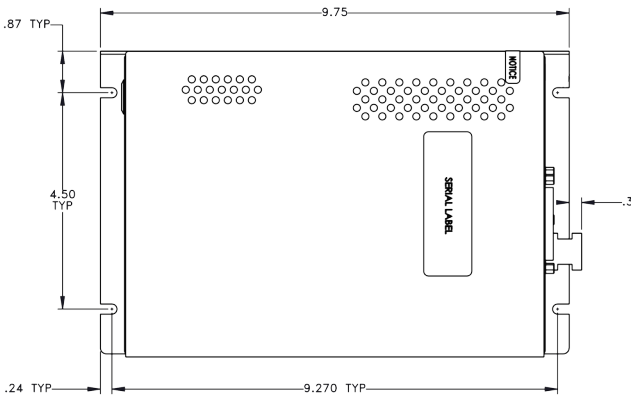
Moving Map Input and 28V DC Power



HDMI Output

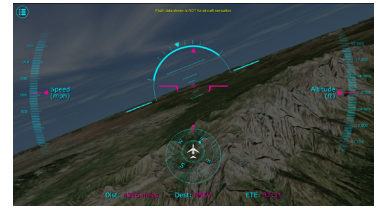
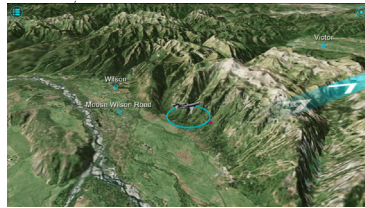
VGA Output

Ethernet Connections



FDMAP is RTCA/DO-160 Tested.

FDS Avionics Corp. warrants the **FDMAP** against material or manufacturing defects for a period of 24 months from the date of shipment for general aviation customers or 12 months for government/special mission customers.



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