



## DNS300™ NAV

The DNS300 Nav™ is a third generation diver navigation system with an intuitive user interface and a variety integrated sensors. The system supports most chart formats and includes mission preparation and debriefing capabilities. The system can be hand-carried, DPD or SDV mounted.

### Fully Integrated Autonomous Navigation System

- Single enclosure containing all sensors and batteries: DVL, compass, pressure gauge and GPS
- No external cables

### Highly Accurate

- Precise location
- Indifferent to currents
- Minimum exposure
- Confidence while diving

### Significantly Lighter and Smaller

- Simplifies the diving profile and overall maneuverability
- Small negative buoyancy in water
- Weighs less than 15.4 lbs.
- Internal batteries provide 8 hours of operation

### Mission Preparation and Debriefing

- Prepare and upload
- Dive
- Download and debrief

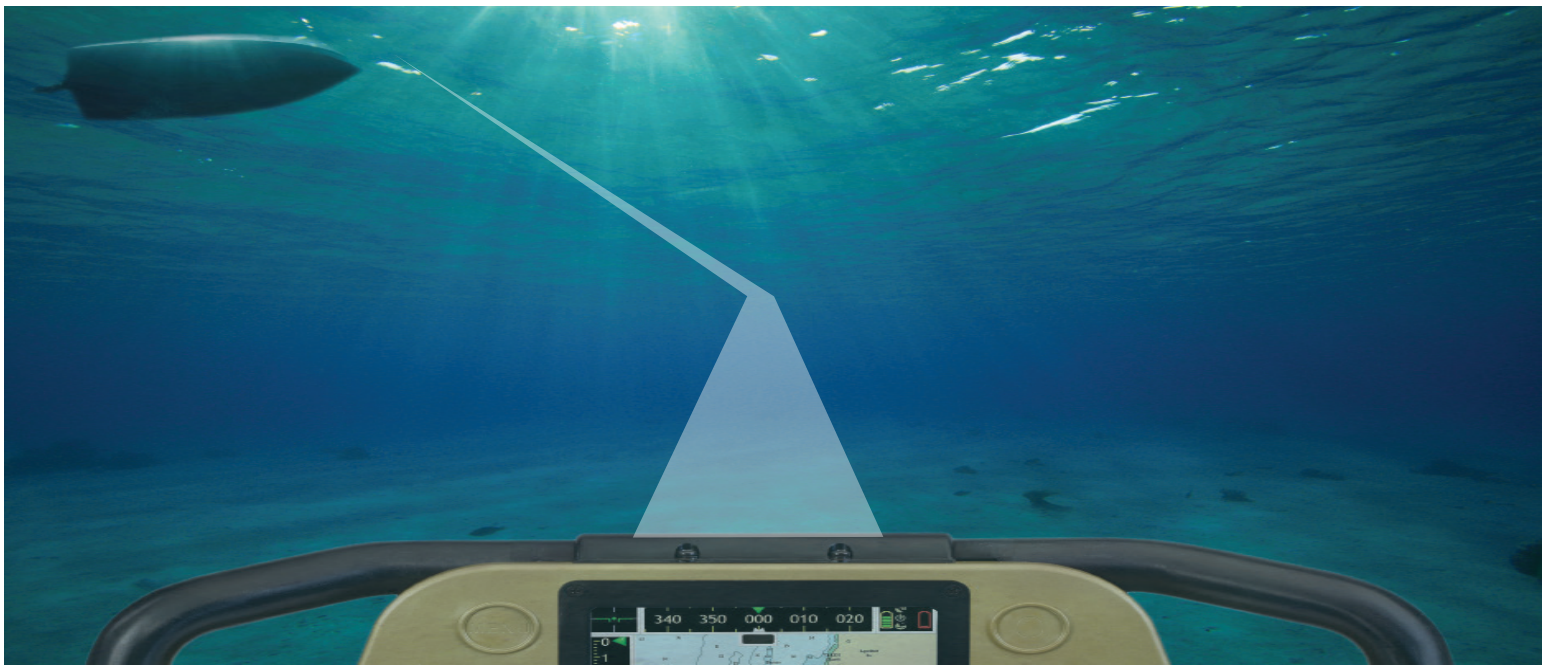
### User-Friendly

- Vivid display
  - Easy-to-read in all water conditions
- Highly intuitive user interface

### Combat-Proven



PRIDE  
PASSION  
PERFORMANCE



## Product Features

<b>Dimensions</b>	10" x 6" x 9" (273mm x 176mm x 242mm)
<b>Weight</b>	15 lb. (6.8 Kg) in air; 0.44 lb. (200 gr) in water
<b>Material</b>	Aluminum 6061-T6, Hard Anodized Black
<b>Operating Temperature</b>	23°F to 113°F (-5°C to +45°C)
<b>Operating Depth</b>	164 ft. (50 M)
<b>Power Supply</b>	Internal Li-Ion Battery (18650 rugged cell)
<b>Operating Time</b>	8 hours
<b>Charging Time</b>	6 hours
<b>Processor</b>	Intel Atom 1600 MHz, running Microsoft Windows OS
<b>Internal Storage</b>	SSD, 32 to 64GB
<b>Display</b>	6.5" XGA (1024 x 768); 16M colors; Visible in all water conditions 600cd/m <sup>2</sup>
<b>Software and Charts</b>	Oceana unique navigation software, including on product & external PC mission preparation and debriefing. Supporting S57/S63 chart formats.
<b>Integrated Sensors</b>	DVL, compass, internal GPS, depth gauge, pitch & roll, battery gauge
<b>Navigation Accuracy (DVL)</b>	0.2% ± 1MM / S
<b>User Interface</b>	4D mouse and Piezo buttons interface
<b>External Communications Interface</b>	RS232 x 1; USB x 1
<b>Connectors</b>	Impulse TITAN™ SERIES Wet-sealed type; wet mate-able Used for: charging, mission upload, data download

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