

# DiverNav

## A Revolution in Diver Safety and Positioning

The DiverNav offers unmatched real-time GPS location of tethered divers, in a system that is quick to deploy and easy to use. In addition to determining the location of the diver, the DiverNav also provides a live plot of the tether's shape in the water; improving overall situational awareness and safety. The software also captures the scan and position history of the diver for the divemaster to ensure that an entire area is searched. The DiverNav's real-time position update rate makes navigation possible even in zero-visibility conditions. With advanced scanning and target marking capabilities, the DiverNav increases the capabilities of your dive team, making your operations faster, cheaper and safer.



## Product Specifications

### System:

- standard Configuration Contains:  
70 meter tether with 6 sensor nodes,  
heading node, top side box, USB cable,  
USB GPS, and AC wall adapter.
- position update rate: greater than 5 Hz
- position error: less than 3 meters,  
depending on deployment configuration
- power requirement: 110-240 AC, 50-60 Hz
- power usage: 2.5 Watts

### Tether:

- buoyancy in fresh water: negative
- diameter: 5mm (0.19 in)
- working strength: 1780N (400 lbs)
- connectors: 4 pin wet mateable  
male at top side, female at diver end
- sensor node diameter: 21.5 mm (0.85 in)
- sensor node length: 152mm (6 in)
- sensor depth: max 290 meters (950 ft)  
saturation: 118 meters (388 ft)



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Dealer Stamp