

Diver Hand-Held GPS System

Model DiverGPS-30

The SOSI DiverGPS-30 gives divers the ability to utilize all the features of a hand held GPS system underwater. At the heart of the DiverGPS-30 is a GPS 76 receiver manufactured by Garmin, the most trusted name in GPS technology. The DiverGPS-30 is designed to provide precise underwater GPS positioning using correction data obtained from the Wide Area Augmentation System.

The SOSI DiverGPS-30 system allows a diver to determine position from a depth of 20 meters and can be carried by the diver to a depth of 30 meters. The GPS receiver is enclosed in a small anodized aluminum pressure housing tethered to a floating antenna. It is powered by two standard AA batteries with a life of sixteen hours when the back-lit display is turned on continuously. The small lightweight receiver unit is easily held in one hand and can be strapped to a BC for easy storage. The rugged antenna float is tethered to the receiver with a strong, small diameter coax cable and is painted black so as to be difficult to see during clandestine operations. Each component offers minimal obstruction to a swimming diver and does not significantly increase detectability of the diver.



The clear polycarbonate housing cover provides an unobstructed view of the receiver display. The interface between housing and cover includes an o-ring seal for maximum leak protection. The cover is held in place with only two bolts allowing easy access to the GPS receiver unit for mission programming and battery replacement.

Utilizing the DiverGPS-30 system requires no additional resources than two AA batteries. It is completely self-contained.

Specifications

- Housing Size : 63.5 mm x 187.3 mm x 85.7 mm
- Weight in Air (receiver unit): Approximately 1.1 kg
- Weight in Sea Water: Approximately .23 kg
- Batteries Required: (2) AA
- Float Size: 100 mm OD x 90 mm long
- Tether Length: 20 meters
- Battery Life: 14 hours continuous with back light
- Depth Rating 30 meters