

## Iridium® ROV Tracking Device – ROV/AUVTrac™

### General Description

The ROV/AUVTrac™ is the only GPS tracking device which offers the capability to track an underwater asset position on a global basis. It is designed to transmit coordinates once the vehicle surfaces, utilizing Iridium's global satellite network. The unit is based around the Iridium 9601 SBD transceiver, and offers low latency reporting capabilities (< 1 minute). It is engineered for deep-sea (6000m) and extreme environment applications. Utilizing the Iridium satellite network in conjunction with GPS, the two-way communications are truly global, enabling high volume data retrieval and remote reprogramming of missions. Transmission of coordinates can be set user defined intervals. For example, the 4.4Ah battery allows one to receive GPS coordinates while transmitting one position report each hour for 39 days. This reporting interval can be programmed pre-deployment, or via Iridium SBD messages that are sent to the unit.



#### Features Include:

- True Global Coverage
- Dual Mode GPS/Iridium antenna
- Titanium Pressure Housing
- Rated for 6000m depth
- Remote Manual Mission Reprogramming
- GPS position report to 3m NMEA protocol
- Low Power consumption
- Temperature Range -20 to +60° C
- Robust and Corrosion Resistant
- Economical to use with Iridium's SBD service
- Carrying case with spare O-rings



#### Specification

##### Titanium Housing

Dimensions: 8" x 4" diameter

##### Dual Mode GPS/Iridium Antenna

11" x 1.5" diameter max

Total Unit Weight: 11 lb.

##### Electrical

Input Voltage: 12 VDC

Current: 2 A max during tx, ~0.5ma during sleep mode

Average current consumption: 25mA/hr (One tx per hour)

##### External Connector

9 pin Impulse male (Com port for external power and setup)

**CALL FOR PRICING**  
**Part Number: DWC-20097**

**(Includes External Power Option, Setup Cable, Spare O-rings, Case)**

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