Argos Systems (no GPS)

Telenics is a leader in the design and manufacturing of Argos PTls for terrestrial mammals, marine mammals, sea turtles, and birds. This is the same technology provided by Telenics to NASA for the personal beacons on board the Space Shuttle. NASA level reliability and performance applied to the wildlife field.

**Avian Backpack and Tailmounted Units**

Avian units as small as 16 g are available in backpack, legband, neckband, or tailmounted configurations for a variety of species.

**Marine Argos Systems**

Telenics manufactures Argos transmitters for marine mammals and sea turtles. Argos positions are most suitable for long range migration studies. These “Doppler-based” positions provide 160 m to 800 m typical accuracy.

**Terrestrial Argos Systems**

Telenics developed the first successful Argos tracking centers for carnivora in the early 1990s. Thousands of animals have been tagged using the technology since those early deployments.

**Marine Argos Systems**

Telenics supplies Argos type implantable systems for sea duck tracking. This technology can be used where external backpack attachments cannot be used.

**Telenics is the leader in the development of Argos transmitters valuable on poacher's cloth. These designs can withstand crushing forces of a Macaw beak.**

**Avian units pricing starts from USD1995.**

**A new Argos Application**

Telenics supplies Argos type transmitters that can play a role of a remote deployed trap without having to actually go to the trap site. Captured animals can be handled faster and subjected to less stress.

**Marine Argos Systems**

Telenics is introducing a new generation of VHF telemetry systems. Users have now the ability to control when certain data they will acquire from VHF telemetry. Using a powerful programming tool, Telenics Product Programmer (TPP), users can program animal mobility, and temperature sensors and data collection scenarios. These VHF systems can also be used as a diagnostic tool.

**Telenics VHF Systems**

TPP allows the user to adjust pulse rates and duty cycles to control the operational life.

**We supply configurations for small mammals and birds to large pests game and predators.**

**Let us know your requirements and we can help.**

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**Satellite Based Data Links for GPS Systems**

Telenics offers several GPS systems with different data recovery options ranging from storing data on-board the unit for later recovery, to remote downloadable systems using Spread Spectrum Transmitters (SST), to satellite data links for Argos, Globalstar and Iridium. All systems are fully FCC and IC certified.

Telenics offers powerful and user friendly support utilizes Telenics Product Programmer (TPP) is used to program data collection and data transfer settings in GPS systems. Telenics Data Converger (TDC) is used to recover data from SST systems, to interface to satellite data recovery systems, and download data to memory at the end of a study. TDC creates Excel spreadsheets and plots positions in Google Earth. Pre-processed data files can be imported into other database programs and GIS for more in-depth analysis.

**Globalstar systems range in price from about USD2200 to USD3200.**

**Globalstar Recon - Low Cost GPS with Globalstar Link**

Globalstar recon start at USD995.

**GPS/Argos**

**GPS/Argos**

Systems range in price from about USD2500 to USD2700.

**GPS/Iridium**

Complete Global Coverage
- Two Way Communications
- Always Available for Real Time Data Transfer
- Supports Geo-fencing and/or Alternate Schedules for Data Collection

**GPS/Globalstar**

- Extensive Coverage, but not quite Worldwide
- Simplex One Way Communications
- Always Available for Real Time Data Transfer and Mortality Detection

**GPS/Spread Spectrum**

**GPS Store on Board**

Systems range in price from about USD1700 to USD1000.

**GPS/Spread Spectrum**

**GPS Spread Spectrum**

Remote Download GPS

Systems range in price from about USD900 to USD1500.

**GPS/Iridium**

- Units can send data on dive characteristics including number of dives, length of dives, dive profiles, time spent at various depths, maximum depth of dive, and other information.

- All marine systems include QP technology.

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**Telenics is a pioneer in the design and manufacturing of the most advanced forms of wildlife telemetry.**

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