




PinPoint GPS Argos for birds

Technology:  Satellite

Product:  Tag

Red knot (*Calidris canutus*) © Tim Romano 2015



The world's smallest GPS Argos tags

No need for tag retrieval. Accurate GPS locations are taken at times/dates programmed by you, to meet the requirement of your study. The locations are then automatically relayed via Argos satellites, from anywhere in the world, ready to be downloaded online.

Great for: Accurately tracking unknown migration routes, Low site fidelity species, Dispersal tracking.

Options

- Custom Packaging
- Solar models available
- Automatically collect data in Movebank

Features:



Position



Duty cycling



Data download (Satellite)

Flexible GPS Scheduling:

GPS fixes spread over days, months or even a whole migration.

Automated Argos Transmission:

Locations relayed after every 3rd successful GPS fix, or at the end of the GPS schedule.

Small Size:

Compact and lightweight (from 3.5g) for small species

Product Applications

PinPoint Argos tags are best for small species that are difficult to trap, so require remote download, and you are not sure where they are going to go, or if they will return, so that VHF download is not possible.

The smallest GPS with global remote download, filling a role where mobile phone or Iridium download are too heavy for your species.

Model	PinPoint Argos 75	PinPoint Argos 120	PinPoint Argos 240
Standard weight (g)	3.5	-	-
Heavy duty weight ^[1] (g)	4.1	5.3	8.0
Location attempts ^[2]	60	100	150
Size (LxWxH) (mm)	25 x 14 x 7	25 x 14 x 10	55 x 17 x 11
Antenna length	5cm Antenna for GPS, 18 – 23 cm Antenna for Argos		

1. Tags can be further customised for attachment method, antenna strength and potting level. Note that these options will affect weight and dimensions. Please contact one of our Avian Telemetry Specialists to discuss your project requirements.
2. Locations may be attempted but the bird's behaviour can prevent GPS communication and Argos data download.

To use the Argos data download, an Argos account is required, with an Argos ID Code for each tag. More information about this can be provided by your Avian Telemetry Specialist; please contact us for more details.

Features and specifications subject to change without notice.

Technical specifications:

Operating temperature: -5°C to +35°C

Data Download: Data sent to Argos after every third successful GPS fix.

Pass Predication algorithms for more efficient transmission.

Waterproofing:

Standard & Heavy duty models: Splash tolerant.

Marinised Models: Depth proof to 50m

Rechargeable: Limited recharges, dependent on deployment.

Warranty

PinPoint GPS Argos tags are warranted to be free of defects in materials and workmanship under Normal Use for a duration of 80% of Estimated Life to a Maximum of 6 months, whichever is shorter, of their first deployment. For Warranty terms and conditions, please review our [Warranty Statement](#).

Accessories

PinPoint DL required for scheduling, and downloading test data and accessing locations if recovered after deployment.