



PinPoint GPS VHF for birds

Technology:  **Satellite**  **Radio**

Product:  **Tag**



Economical remote download of GPS data, when you can see your subject, but can't catch it

With our PinPoint VHF tags, GPS locations are logged, then a radio-beacon allows you to find your animal and download the data from a distance using our PinPoint Commander and Yagi antenna. Alternatively, the PinPoint Commander can be left in the field to download data when the animal is close enough. For efficient power use, you can either have the beacon and radio-communications turn on at the end of the GPS schedule, or periodically when you know you have time for downloading the data. You have the choice to schedule it as you wish. Additional information on activity from an accelerometer or proximity of other tagged animals is also available for remote download.

Options

- Sensing activity or proximity

Features:



Low Cost Download:

No bills for satellite services, with accurate GPS data

Sensor Data:

Activity, Mortality, Temperature and Proximity of other tagged individuals

Flexible Scheduling:

To optimise the best use of GPS acquisition, VHF Beacon, VHF Communication, Activity recording.

Product Applications

PinPoint VHF download works well for species which are difficult to re-trap to retrieve a tag for download, but they are likely to stay within, or return to, a known area. For example, you may wish to know the home range of an animal that does not venture far and can be easily tracked down using the VHF beacon.

Alternatively, a migratory species may return to its nest after migration, and the PinPoint VHF Commander can be left close to the nest to download its migration and wintering area. What is more, there are great behavioural data that can be remotely downloaded, which would be prohibitive over a remote network for practical or financial reasons.

Model	PinPoint VHF-50	PinPoint VHF-75	PinPoint VHF-120	PinPoint VHF-240
Standard weight (g)	3.0	3.5	-	-
Heavy duty weight (g)	4.1	4.8	5.3	8.0
Size (LxWxH) (mm)	23 x 12 x 6	25 x 14 x 7	25 x 14 x 10	55 x 17 x 11
Estimated number of locations	90-5,500 depending on tag model plus the GPS and Beacon schedules			
Antenna length ^[1]	5cm GPS antenna, 18cm VHF antenna			

- 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.

Features and specifications subject to change without notice.

Technical specifications:

Operating temperature: -5°C to +50°C

Waterproofing:

Standard & Heavy duty models: Splash tolerant

Marinised Models: Depth proof to 50m

Rechargeable: Limited recharges, depending on deployment

Data Download: PinPoint Commander & Yagi Antenna

Warranty

PinPoint GPS VHF tags are warrantied to be free of defects in materials and workmanship under Normal Use for a duration of 80% of Estimated Life to a Maximum of 3 months., whichever is shorter, of their first deployment. For Warranty terms and conditions, please review our [Warranty Statement](#).

Accessories

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