



PinPoint Solar GPS Iridium

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

Product:  **Tag**

Golden eagle (*Aquila chrysaetos*)



GPS with global remote download via the Iridium Satellite System

PinPoint GPS Iridium tags allow remote data download with 24/7 satellite coverage in remote areas where GSM won't work. The PinPoint advanced scheduling system gives you the flexibility to suit your study needs with the additional feature of 2-way communication, you can remotely change the GPS schedule on your deployed tags. Additional features such as activity data, temperature data and mortality detection provide you with greater insight into your species behaviour. Contact one of our telemetry specialists to help you optimize our tags for your study needs.

Options

- Activity and mortality
- Real-time alerts when entering or leaving Virtual Fence
- Flexibility for multiple schedules based on Virtual Fence
- VHF beacon for traditional radio tracking and tag recovery

Features:



Greater Control:

24/7 global coverage so you can decide when to get data.

2-way communication:

Change schedules and other parameters remotely.

Low Temperature Protection:

For colder climates.

Product Applications

PinPoint Iridium tags have significant advantages over other GPS satellite tags, having a global 24/7 ability to receive data, and a highly efficient data transfer protocol, which will increase the amount of data you can remotely download. Suitable for species that can carry a tag of 80g or more.

Model	PinPoint Iridium 200 Solar	PinPoint Iridium 950 Solar	PinPoint Iridium 1900 Solar
Standard weight (g)	80	94	110
Base Dimensions (LxWxH) (mm)	125 x 43 x 35		
Locations per day ^[1]	Estimated battery life (months) assuming no solar charge ^[2]		
1	12	58	116
4	3	15	29
12	1	5	10
IR mode ^[3]	6-6 fixes per message		
Transmit	Every location		

1. Locations will be attempted according to your schedule, but the bird's behaviour can prevent GPS acquisition and upload.
2. Operating life will be affected by exposure to sunlight, the frequency of iridium transmissions and the VHF beacon schedule. For help with your application, contact one of our telemetry specialists.
3. IR mode can be changed to suit project needs, e.g. more frequent transmissions if locations are needed urgently, or reduced transmissions to save power.

Features and specifications subject to change without notice.

There is no external antenna unless a VHF beacon is required.

Technical specifications:

Operating temperature: -5 °C to +50 °C

VHF beacon option: -10 °C to +35 °C

Warranty

PinPoint GPS Iridium 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, of their first deployment. For Warranty terms and conditions, please review our [Warranty Statement](#).

Accessories

PinPoint DLC unit required for scheduling, and downloading test data and accessing locations if recovered after deployment. Remote data is accessed through our secure data portal.