



MicroGPS+

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

Product:  **Tag**

Marginated tortoise (*Testudo marginata*)



Rechargeable, ultra-lightweight dataloggers

Lotek has introduced an innovative family of GPS products (LiteTrack) intended for small mammals. The MicroGPS+ complements the LiteTrack range of GPS tracking with its GPS collar-like features (flexible GPS, VHF and remote download scheduling) in a small rechargeable glue on package for species that will not carry a collar. Tailor the MicroGPS+ to your study and your species by choosing from a range of options below.

Options

- External Whip Antenna: Vertical or Horizontal
- SWIFT fixes for many more locations
- Mortality indication
- Remote data download and upload
- Flexible scheduling of GPS + VHF + RF communication for extended operating life
- VHF beacon, activity, temperature, proximity

Features:



Temperature



Accelerometer



Mortality



Position



Beacon



Proximity



Duty cycling



Data download (Radio)



Rechargeable

Battery life:

Up to 90 days battery life for 3 GPS locations per day, 90 days battery life for 8 SWIFT GPS locations per day

Dimensions (LxWxH):

63 x 32 x 21 excluding base

Light weight:

~25g

Product Applications

Home range analysis, human interactions, habitat use and movement behaviour, endangered species monitoring, encounter competition.



MicroGPS+	
Weight (g)	~25
Life ^[1] (fixes per day)	(Standard fixes / SWIFT fixes)
30 days	16 / 48
60 days	5 / 14
90 days	3 / 8
Size ^[2] (LxWxH) (mm)	63 x 32 x 21

1. Number of fixes per day to achieve desired operating life. GPS life is calculated in datalogging mode only, without VHF beacon or remote RF communication scheduled.
2. Dimensions printed are excluding base.

Features and specifications subject to change without notice.

Technical Specifications:

Operating temperature range: -30°C to +50°C

Not suitable for salt water environment.

Depth tested to 10 meters.

Repower: Rechargeable for repeat deployments.

Warranty

Contact one of our telemetry specialists for details about our warranty. For Warranty terms and conditions, please review our [Warranty Statement](#).

