



LiteTrack Ear Tags

Technology:  Satellite

Product:  Tag



GPS-RF Ear Tags

LiteTrack Ear Tags provide a GPS option for studies tracking species that may not be suitable to carry collars. LiteTrack Ear Tags are capable of downloading and uploading data while on animal and is equipped with either a whip antenna (LiteTrack 20 Ear Tag) or a robust internal loop antenna (LiteTrack 50 Ear Tag).

Options

- SWIFT fixes for many more locations
- Remote data download and upload
- Flexible scheduling of GPS + VHF + RF communication for extended operating life
- Activity, temperature, proximity sensors
- Numbered ear tags available

Features:



Long battery life:

Estimated battery life of 343 days featuring 6 SWIFT fixes per day

Light weight:

Starting at 26g

Product Applications

Habitat use and movement behaviour, Home range analysis, Dispersal, Neonate Survival, Reintroductions, Translocation Studies.

Model	LiteTrack 20 Ear Tag	LiteTrack 50 Ear Tag
Weight ^[1] (g)	~26	~50
GPS life ^[2]	6 fixes per day / 24 fixes per day	
Regular fixes (days)	110 / 58	
SWIFT fixes (days)	343 / 171	
VHF life ^[3] (days)	~7	
Size (LxWxH) (mm)	62 x 33.5 x 12.5	6 x 3.5 x 1.5
Antenna type	External whip	Internal loop

1. Weights may vary by +3% owing to parts and production tolerances. Excludes weight of Keeper, see below.
2. Presented numbers are theoretical operating lives at 25°C using cell manufacturers stated capacity at 20% derating. Actual lives may vary at the extremes of the operating temperature range by up to 50%. Operating GPS life has been estimated with VHF beacon programmed to operate 21 hours per week on average.
3. This is an estimate of how long the VHF beacon continues to operate after GPS records its last scheduled fix.

Technical specifications:

Frequency Range: 148MHz to 174MHz

Numbering: Numbering on the reverse side of Ear Tags available for an additional charge.

Keepers: LiteTrack 20 Ear Tag can be supplied with a stainless steel male Keeper. Weights may vary with each Keeper.



Standard Keeper
1.9g



Stainless steel Keeper
7.6g



Warranty

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