



LifeCycle Pro Series

Technology:  Satellite  Radio

Product:  Collar

Mule deer (*Odocoileus hemionus*)



Low-cost GPS alternative to VHF collars

Lotek is continuing the cost-effective line of LifeCyclePro series. Built as a step-up from conventional VHF tracking, these collars produce more accurate data, eliminating the need for constant costly overflights to track VHF beacons. Collars will transmit 1-2 GPS positions per day to your computer screen via Lotek's Webservice interface.

Benefits

- Mortality notification and corresponding VHF Pulse rate increase
- Drop-off compatible
- GPS uploads to Lotek Webservice
- Attractive economic benefit
- Lower costs and risks associated with telemetry flights

Features:



Position



Beacon



Mortality



12hr off/on

NEW but FIELD PROVEN:

Launched mid 2016, LifeCyclePro collars have been used in deployments throughout the world and are already contributing to population management goals.

CHALLENGING traditional ways of using one frequency per animal:

Lotek collars offer the option to deploy multiple collars on the same frequency and to be able to distinguish between them by means of embedded collar IDs in the beacon signals. This helps to alleviate any frequency limitations.

Product Applications

Home range analysis, Migration, Survival, Translocation studies, Habitat use, Populations management

Model	LifeCycle 110, 140	LifeCycle 330	LifeCycle 500
Weight (g)	140	330	500
GPS life ^[1] (years) @ 1 fix daily	1.25	6.5	8
GPS life ^[1] (years) @ 2 fixes daily	0.95	5	6
Size (LxWxH) (mm)	78 x 33 x 58	78 x 57 x 74	118 x 47 x 80

1. GPS life has been estimated with VHF beacon programmed to operate 12 hours per day (sunrise to sunset).

Features and specifications subject to change without notice.

Technical specifications:

Frequency range: 145MHz to 212MHz
 Operating temperature: -30°C to +50°C
 Pulse rate increases in mortality
 Default mortality delay time: 4 hours

Warranty

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