



GlobalstarTrack Pro S, M, L

Technology:  Satellite  Radio

Product:  Collar

Mule deer (*Odocoileus hemionus*)



GPS and radio collar, with Globalstar transfer of GPS data

These collars collect GPS signals at a users' specified rate, feature a VHF beacon and are capable of transmitting GPS positions to your computer or mobile screen via Lotek's Webservice interface.

An additional method of remote communication can be included via radio frequency transmission in the field.

Additional features include VHF beacons for tracking, as well as mortality alerts right to your email or phone. Other feature alerts can also be sent directly to you, such as a Virtual fence crossing event.

All feature a user replaceable battery pack.

For a more robust collar, the Large variety can be made heavy duty, with potted batteries (not user replaceable), for species that are likely to be very hard on collars.

Operating life can vary depending on application and study needs and objectives.

Please contact one of our Telemetry Specialists to discuss your study needs.

Features:



Temperature



Accelerometer



Mortality



Beacon



Proximity



Geofencing



Duty cycling



Data download (Satellite)

Repower:

User replaceable batteries or factory repower options are available.

Increase GPS success rate:

With the GPS antenna on top of the collar.

Data Download:

Directly from collar.

Size Options:

Small, Medium, Large, Heavy Duty

Product Applications

Home range analysis, Migration, Survival, Reintroductions, Inter and Intra species interactions, Disease transmission, Habitat use and movement behaviour, efficient Eradication planning and management

Model	GlobalStarTrack Pro S	GlobalStarTrack Pro M	GlobalStarTrack Pro L
Weight (g) (50cm necksize)	335	385	448
GPS life ^[1]			
1 year	3	14	48
2 years	1	6	18
3 years	-	4	12
Housing size (LxWxH) (mm)			
Ungulates	93 x 51 x 27	93 x 51 x 27	93 x 51 x 27
Carnivores	98 x 60 x 27	98 x 60 x 27	98 x 60 x 27
Battery size (WxHxD) (mm)	72 x 49.5 x 20.5	72 x 49.5 x 30	72 x 49.5 x 46

1. Every 2nd location sent via Globalstar, VHF beacon on 28 hours per week. 2 locations per Globalstar message.

Features and specifications subject to change without notice.

Technical specifications:

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

Data retention range: -50°C to +75°C

VHF frequency range: 145 to 212 MHz

User programmable via cable with download link:

GPS & Beacon Schedule & Mortality Delay

User download via cable with download link: Data & diagnostics

Data storage capacity: 65,000 locations

Field replaceable battery pack

Timed Release Drop off: Collar can be fitted with a TRD (adds 35-55g) or a TRRD (adds 125g to the weight of the collar)

Warranty

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