



GlobalstarTrack Pro LU, LC, LC PB

Technology:  Satellite  Radio

Product:  Collar

Mule deer (*Odocoileus hemionus*)



GPS and radio collar, with Globalstar transfer of GPS data

Lotek's cost-effective line of GlobalstarPro series for both ungulates and carnivores. These collars are capable of transmitting 1-2 GPS positions to your computer screen via Lotek's Webservice interface.

Operating life can vary depending on application and study needs and objectives. Please contact one of our Telemetry Specialists to discuss your study needs.

Options

- 1-2 GPS locations per day
- Remote GPS data download via Globalstar
- Mortality indication with increase in VHF pulse rate, and satellite transmission of events
- VHF schedule local sunrise/sunset
- VHF beacons for tracking, as well as mortality alerts right to your email or phone.

Features:



Repower:

User replaceable battery pack for convenience. Option to have a potted battery for species that are likely to be very hard on collars

Increase GPS success rate:

With the GPS antenna on top of the collar.

Size Options:

GlobalstarPro LU, GlobalstarPro LC, GlobalstarPro LC PB

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 LU	GlobalStarTrack Pro LC	GlobalStarTrack Pro LC PB
Weight (g) (50cm necksize)	448	738	580
Calculated GPS life ^[1]	7 years @ 1 fix every 13 hours, 10 years @ 1 fix every 23 hours		
Housing size (LxWxH) (mm)	93 x 51 x 27	98 x 60 x 27	98 x 60 x 27
Battery size (WxHxD) (mm)	82.5 x 63.5 x 42	82.5 x 63.5 x 42	69 x 51 x 74

1. VHF schedule local sunrise/sunset

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: GlobalStarTrack Pro LU & LC only

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](#).