

GPS Data Logger



The Titley Scientific™ GPS Data Logger is a lightweight, low profile store on board logging collar, incorporating our powerful two stage tracking transmitter for the accurate tracking and location of your studied animal.

At the heart of the Titley Scientific™ GPS Data Logger is a powerful SiRFstarIII™ chipset, renowned for its rapid time to first fix (TTFF) - less than 2 seconds for a hot start -and its ability to acquire a signal in difficult conditions such as dense vegetation.

Powered by user-changeable and readily available long-life lithium batteries, the Titley Scientific™ GPS Data Logger is fully user configurable with respect to logging frequency and parameters. Depending on the data set required, up to 260,000 records may be stored before downloading via USB connection.

Supplied, easy-to-use software enables recorded data to be retrieved in Excel CSV and Google Earth™ format.

The robust Titley Scientific™ GPS Data Logger with its user-changeable batteries can provide you with accurate, reliable data indefinitely and can be customised to meet your needs.

FEATURES

- ▶ Rugged construction and lightweight
- ▶ Excellent sensitivity -159dB, for reliable fixes in many conditions
- ▶ Rapid time to first fix (38 secs cold start, <2 secs hot start)
- ▶ User changeable batteries power both GPS logger and VHF transmitter - no need to return to factory for rebattery
- ▶ Fully user-configurable logging parameters
- ▶ Downloaded data configurable for direct compatibility with Google Earth™

SPECIFICATIONS

Chipset:	SiRFstarIII™
Time to First fix (TTFF):	< 2 secs warm start; 38 secs cold start
No of records:	260,000
Sensitivity:	-159 dB
Weight:	Based on typical small configured collar, suitable e.g. for Koala, 233g (with 2 AA lithium batteries). Weight is dependant on collar specifications.
VHF transmitter:	150-151 MHz
Range:	internal aerial, 5km line of sight
Battery life example:	VHF: 12 months; GPS: over 4 months at 4 hours fix rate*
Download:	CSV & KML via USB download cable
Interval Setting:	2 mins up to 7 days

NOR-TRANS1044RB-PB-03

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