



Power Supply

The unique combination of primary and rechargeable batteries with seamless transition between power supply.

Data Backup:

The devices are equipped with onboard memory to ensure no data loss even when unable to connect to your LoRaWAN network.

Design:

The smaller and lighter electronics boards combined with reduced power needs allows for the development of small units able to be fitted on small species or developed as ear tags or horn mounts on e.g. rhino and giraffe

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GPS LoRa/Kineis Collars

Savannah Tracking is now offering a new line of combined Lora and Kineis Satellite connected GPS collars and tags that is cost-effective, reliable-combines solar charging with the guaranteed power supply from primary batteries and delivers near real-time GPS high priority data with onboard behavioural monitoring functions.

Specs:

Position acquisition:	GPS for positions with user defined averaging function
Activity recording:	12-bit Tri-axis accelerometer for behavioural monitoring
Communications:	Dual Communication via LoRaWAN Network +optional Kineis satellite
Coverage	Works with all regional LoRa frequency bands)
Data Access	Internet based downloading via accompanying software.
Lifespan and Weight:	Solar charging, 5-year lifespan 30 g
Behavioural Alarms:	Species specific algorithms for detecting different behavioural states can be developed. Data available for on board evaluation includes 12-bit accelerometer, temperature and GPS location