



Efficient & Lightweight GPS GSM, Radio collars with 2-way communication via GSM

This innovative family of GPS products was designed for deployments in areas with cellular coverage and is intended for small, medium and large mammals. The collars collect positions at users' specified rate, feature a VHF beacon and remote download of collected data via the GSM cellular network system.

Options

- 2nd remote communication via VHF or UHF (2 way communication)
- Mortality indication
- Flexible scheduling of GPS + VHF communication for extended operating life
- Sensors: activity, temperature
- Geofencing
- Timed Release Drop off – collar can be fitted with a TRD device
- User replaceable battery pack

Features:



Intelligent system:

All GPS data is saved in the internal memory and sent via SMS when GSM signal is available.

Species:

With necksizes starting at 22 cm.

Light weight:

Collar weights starting at 230g .

Product Applications

Home range analysis, Distribution and Habitat use, Survival, Inter/Intra Species interactions, Migration, Predator/ pray interaction, Strategic placement of wildlife crossing (overpasses, underpasses) , Translocations and re-introductions, Human wildlife conflicts,

Adaptive management, Population dynamics, Judas operations, Identifying timing and peak of rut activity, Adaptive landscape management, Kill rates, Cause specific mortalities, Kill sites prediction, Invasive species management.

Model	WildCellSL	WildCellSLG	WildCellSD	WildCell MG
Weight ^[1] (g)	270	230	320	950
GPS life ^{[2][3]}	Time between GPS fixes to achieve desired operating life			
3 months	1h	1h, 15m	18m ^[4]	TBD
6 months	2h, 10m	3h	40m	TBD
1 year	5h	8h	1h, 30m	20m
2 years	TBD	TBD	TBD	50m
3 years	TBD	TBD	TBD	TBD
Battery size (LxWxH) (mm)	85 x 48 x 38	85 x 35 x 36	TBD	TBD
Housing size (LxWxH) (mm)	78 x 25 x 47	78 x 25 x 47	78 x 25 x 47	120 x 86 x 126

1. Weights dependent on belt type and size.
2. Battery life estimates are approximate and may vary due to variance in individual battery capacity as per manufacturer, as well as operating conditions including ambient temperature, landscape, species, etc.
3. An SMS message is sent after 7 acquired GPS fixes.

Technical specifications:

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

VHF frequency range: Customer specified 143 to 155 MHz

Software interface: Windows XP® or higher recommended

Warranty

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