

# WildCell

## 2-Way Communication with your Cell Phone



### Upload GPS fix schedules and download data and diagnostics: with Lotek's WildCell collars, all you need is a cell phone.

The Lotek WildCell collars let you send schedules and receive data and diagnostics from any location, using only your cell phone. No command unit or computer is necessary, and there's no need to download your data from any third-party web sites — just call directly, using a cell phone modem, and achieve near to real-time GPS monitoring of all your animals. As a result, you can obtain a very accurate map of the travel paths and behaviour patterns of your animal from almost anywhere in the world!

GPS Series collars are capable of tracking the fine-scale movements of a variety of animals through many different habitats. Using differential correction, you can obtain highly accurate position readings

with an error of less than five metres.\* Furthermore, by taking advantage of the collar's flexible scheduling option, your study can be customized to your particular research needs.

Based on the proven design of our other GPS systems, the GPS Series of remote tracking collars, with user replaceable batteries, can collect up to 12,000 data records when taking 24 fixes per day. Data records can be downloaded and schedules can be changed at your convenience.

Lotek offers unlimited customer support and a full one year warranty on all of our equipment.

\*The differential data cannot be sent remotely through SMS.



- Receivers
- Dataloggers
- Radio transmitters

- Acoustic transmitters
- Archival tags
- GPS systems

- Hydrophones
- Wireless hydrophones
- Physiological transmitters

- Depth transmitters
- Accessories
- Consulting

## Specifications

	M size	S size
Dimensions (mm) (L x W x H)	120 x 86 x 126	69 x 49 x 74
The collar contains	GPS receiver GSM cellular modem VHF tracking beacon	
Features	Mortality sensor Temperature sensor 2 axis activity sensor Advanced scheduler Hibernation sensor	
Options	Drop off compatible Basic or advanced differential correction * WAAS, Egnos compatible (call Lotek for availability)	
GSM ground station	Function: - To receive SMS messages containing GPS locations from the collars - To send a new schedule to the collar by using the specialized software and a PC or laptop	
Total collar weight/size	Approx. 950g (dependent on belt type and size)	Approx. 500g (dependent on belt type and size)
Operational life/battery pack **		Call Lotek for more information
3hr fix schedule (8 fixes per day)	900 days ***	"
2hr fix schedule (12 fixes per day)	600 days ***	"
1hr fix schedule (24 fixes per day)	370 days ***	"
User replaceable battery pack	Yes	
User programmable via cable with download link	GPS & beacon schedules Mortality delay Time	
Remote upload by phone	GPS & beacon schedules	
Remote download by phone	Data & diagnostics	
VHF beacon frequency	Customer specified 148-174 MHz	
Operating temperature range	-30°C to +50°C	
Software interface (includes host software & training video)	Windows 98® or higher recommended	

\* The differential data cannot be sent remotely through SMS.

\*\* 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.

\*\*\* An SMS message is sent after 7 acquired GPS fixes.

