

WildCell



2-Way Communication with GSM



LOTEK
WIRELESS
FISH & WILDLIFE MONITORING

- Receivers
- Dataloggers
- Radio transmitters

- Acoustic transmitters
- Archival tags
- GPS systems

- Hydrophones
- Wireless hydrophones
- Physiological transmitters

- Depth transmitters
- Accessories
- Consulting

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Specifications

	WildCellMG	WildCellSG	WildCellM5	WildCellS5
Dimensions (mm) (L x W x H)	120 x 86 x 126	69 x 49 x 74	120 x 86 x 126	69 x 49 x 74
The collar contains	GPS receiver GSM cellular modem VHF tracking beacon			
Features	Video Camera**** Mortality sensor Temperature sensor 2 axis activity sensor Advanced scheduler Hibernation sensor Virtual Fence			
Options	Drop off compatible 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 GPS Total Host			
Total collar weight/size	Approx. 950g (dependent on belt type and size)	Approx. 350 - 500g (dependent on belt type and size)	Approx. 950g (dependent on belt type and size)	Approx. 350 - 500g (dependent on belt type and size)
Operational life/battery pack ** 6months		GPS every 40 min.		GPS every 50 min.
1 year	GPS every 20 min.	GPS every 1h 30 min.	GPS every 25 min.	GPS every 2 hours
2 years	GPS every 50 min.		GPS every 1h.	
User replaceable battery pack	3B57	3B50	3B57	3B50
User programmable via cable with download link	GPS & beacon schedules Mortality delay Time			
Remote upload via GSM Network	GPS & beacon schedules & Virtual Fence parameters			
Remote download via GSM Network	Data & diagnostics			
VHF beacon frequency	Customer specified 148-174 MHz			
Operating temperature range	-30°C to +50°C			
Software interface (includes host software)	Windows XP® 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.

**** Please contact Lotek for more information - some restrictions apply (IMG, MG models only).

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C0612-002