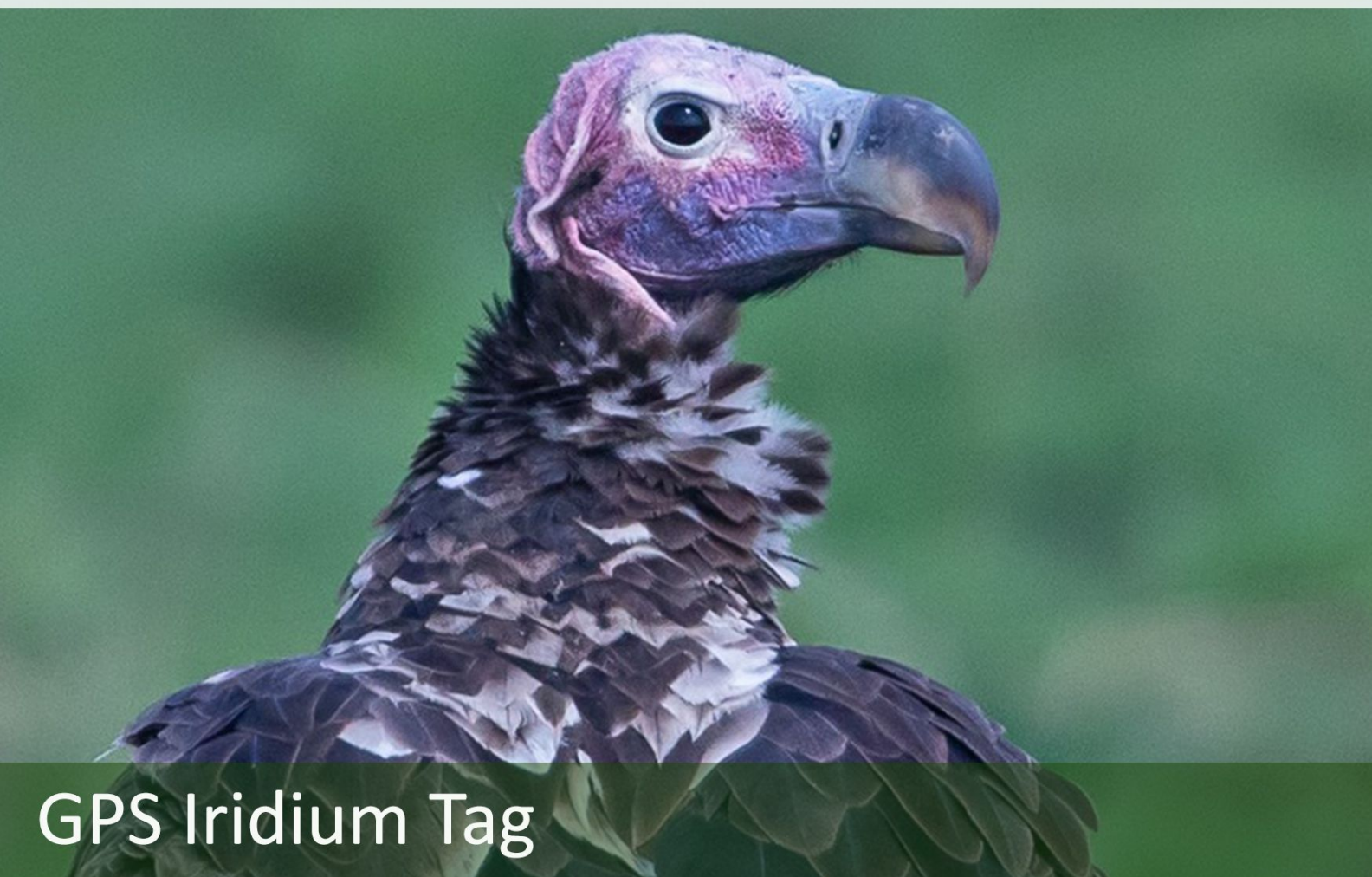




GPS Iridium Tag

The tag is a multipurpose, solar-charged GPS tracking unit.

With the worldwide coverage of the Iridium system, the device provides near real time monitoring.

Specifications

Size Iridium

95 mm L x 43mmW x 30mm H, 80 grams

Position and data:

GPS with Iridium data transmission securing worldwide coverage

Communications:

Two-way communication via iridium link.

All data recording and alarm settings can be reprogrammed remotely after deployment.

Telemetry location:

UHF transmitter (user defined frequencies 413-455 Mhz)

Power supply:

Solar panel with MPPT charger. Specialized rechargeable battery supporting a temperature range of -45 to 85 Degree C and less than 25% capacity loss after 5000 charging cycles

Data Access:

Internet based downloading via the free accompanying Savannah Tracking data manager software., Automated Google Earth links for visualization and phone APP access via the Mi Savannah APP



Lifespan:

When fully charged it can sustain hourly GPS positions and four daily uploads for up to five days without additional charging

Special Design Features

- 1) **Aerodynamic shape and low profile** reducing in-flight drag
- 2) **Raised bottom centerline with neoprene cushioning** preventing pressure on spine
- 3) **Easy to secure Teflon harness** with a single locking screw to provide fast and reliable fitting with NO protruding attachment points.

**Additional Key Features for all Savannah Tracking Collars/Tags**

Geofence: Fully user-definable geo-fencing allows for point, line and polygon fences that triggers automated email alerts and mobile push notifications in case of zone violation

Poaching /Mortality Alarm Functions: All our collars have real-time on-board monitoring via a 12-bit tri-axis accelerometer and evaluates data every 10 seconds to detect abnormal behavior (immobility, excess motion) with instant alerts sent via email and push notifications to the Mi Savannah app.

For raptors especially vultures, it allows for the detection of poisoning events and carcasses through continuous monitoring for immobility.

Additional platforms for visualization and data archiving- Seamless Integration with Earth Ranger and Move bank and REST API for integration with any custom applications users want to implement

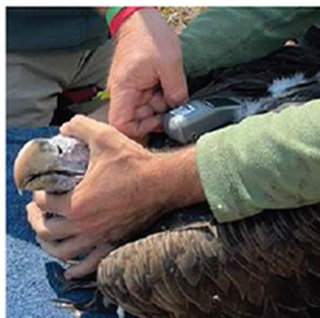
Known for its **lightweight** and **versatile** design.

It can be customized for a variety of species that cannot carry traditional neck collars such as crocodiles, ostriches, tortoises, horn mounted for deer or antelopes.

The device is also known as “Twigatracker” when it deployed on an ossicone or tail mounted for giraffes.



Crocodile



Vulture Backpack



Giraffe Tail Tag

Africa, Kenya

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