



The Phoenix Ungulate Ear Tag ~ \$1,850

The World's First Solar Powered Globalstar Tag for Cattle? ~ If You Have Sky, You Have Coverage



- ▶ 27 grams
- ▶ No External Antennas
- ▶ Solar Powered For Long Operational Life
- ▶ Internal 56-Channel GPS Engine; Uplink via Globalstar Satellite System
 - Heading, Altitude, and Speed Recorded With Each GPS Fix
- ▶ Truly Real-Time Data From Field To Web
- ▶ Accelerometer Readings in 1, 5, or 10 Hz Bursts
- ▶ Field Downloadable & Reprogrammable Without Recapture Via Bluetooth link
- ▶ Temperature and Accelerometer included
- ▶ Geofences Available



LOGGING SPECIFICATIONS

GPS fixes per day:	1 to 48, based on solar charging conditions
Memory:	16 MB

UPLINK TRANSMIT SPECIFICATIONS

Frequency:	1611.25 MHz (Channel A) 1616.25 MHz (Channel C)
Frequency Select:	Automatic (from GPS location)
Power:	18 dBm, ±2 dB

GPS RECEIVER SPECIFICATIONS

Receiver Type:	56-Channel, u-Blox 7 engine
Datum:	WGS84
Receiver Accuracy:	2.5 m CEP
Antenna:	Dual band F flat patch

GENERAL SPECIFICATIONS

Weight:	27 grams
Dimensions	61.3mm x 29.2mm x 14.7mm
Material:	glass-filled nylon
Battery:	110 mA-h High Discharge Li-Po
Operating Temperature:	-10°C to +50°C

Built-In Solar Cell & Charging Circuit • No External Antenna
Rechargeable Li-Polymer Battery • Nitrogen Filled Enclosure



