

The Phoenix 27 ~ \$650

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



- ▶ 27 grams
- ▶ No External Antennas
- ▶ Solar Powered For Long Operational Life
- ▶ Internal 72-Channel GPS Engine; Uplink via Globalstar Satellite System
 - Heading, Altitude, and Speed Recorded With Each GPS Fix
 - Altitude up to 40,000 feet
- ▶ Truly Real-Time Data From Field To Web
- ▶ Accelerometer Readings in 1, 5, or 10 Hz Bursts
- ▶ Field Downloadable & Reprogramable Without Recapture via Bluetooth link
- ▶ Temperature and Accelerometer included
- ▶ Geofences Available
- ▶ Not Moving Alarm



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: 72-Channel, u-Blox M8 engine
 Datum: WGS84
 Receiver Accuracy: 2.0 m CEP
 Antenna: Dual band F flat patch

GENERAL SPECIFICATIONS

Weight: 27 grams
 Dimensions: 58mm x 32mm x 18mm
 Material: glass-filled nylon
 Battery: 300 mAh High Discharge Li-Po
 Operating Temperature: -30°C to +50°C



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

