

# The Phoenix 23 ~ \$1,850

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



- ▶ 23 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 & Reprogramable 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: 19 grams  
 Dimensions: 55mm x 29mm x 18mm  
 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



