

# The Phoenix 22 ~ \$799

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



- ▶ 22 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



## 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: 22 grams  
 Dimensions: 58mm x 32mm x 18mm  
 Material: glass-filled nylon  
 Battery: 150 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

