

Polaris Avian Instruments

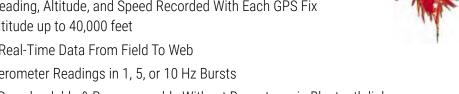


The Phoenix 22 ~ \$650

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

1611.25 MHz (Channel A) Frequency:

1616.25 MHz (Channel C)

Frequency Select: Automatic (from GPS location)

18 dBm. ±2 dB Power:

GPS RECEIVER SPECIFICATIONS

Receiver Type: 72-Channel, u-Blox M8 engine

WGS84 Datum: Receiver Accuracy: 2.0 m CFP

Dual band F flat patch Antenna:



22 grams Weight:

Dimensions 58mm x 32mm x 18mm

Material: glass-filled nylon

150 mAh High Discharge Li-Po Battery:

Operating Temperature: -30°C to +50°C









