

Polaris Avian Instruments

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



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

Memory:



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: 56-Channel, u-Blox 7 engine

Datum: WGS84 2.5 m CEP Receiver Accuracy:

Dual band F flat patch Antenna:



Weight: 19 grams

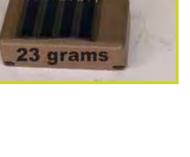
Dimensions 55mm x 29mm x 18mm

Material: glass-filled nylon

110 mA-h High Discharge Li-Po Battery:

Operating Temperature: -10°C to +50°C

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



40 grams

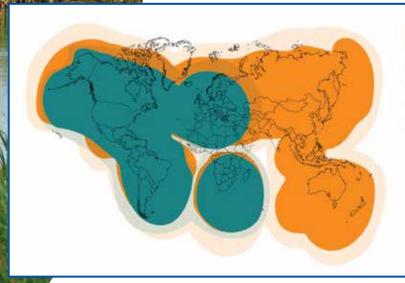


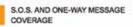












FRINGE S.O.S. AND ONE-WAY MESSAGE COVERAGE

S.O.S. AND 2-WAY MESSAGE COVERAGE

FRINGE S.O.S. AND 2-WAY MESSAGE COVERAGE



