SkyHawk TT GPS Tracking Unit

Location Specifications
Location Technology: 50 Channel GPS (SBAS, DGPS)
Location Accuracy: 2 meter CEP (with SBAS)
Tracking Sensitivity: -160 dBm (tracking)

Battery Specifications
Battery Capacity: 3.8 Ah
Operating Voltage: 3.6 Vdc
Battery Technology: Lithium Ion

GSM Specifications
Data Support: SMS, 3G/HSPA
Cellular/PCS: FCC-Parts 22, 24; PTCRB
3G/HSPA: Up to Class 10
Quad Band: 850/900/1800/1900 MHz
Output Power: 850 (Class 4) 2W
900 (Class 4) 2W
1800 (Class 1) 1W
1900 (Class 1) 1W

Electrical Specifications
Operating Voltage: 6-32 Vdc
Power Consumption
Deep Sleep: < 1mA @ 12Vdc
Sleep on Network: < 10mA @ 12Vdc
Active Standby: < 70mA @ 12Vdc

Physical Specifications
Dimensions: 110 x 80 x 40 mm
4.3 x 3.2 x 1.6 inches
Weight: 0.6 lbs

Environmental Specifications
Operating Temperature: -30° to +75° C
Storage Temperature: -40° to +85° C
Humidity: 95%RH @ 50°C non-cond.
Shock and Vibration: U.S. Mil 202G and 810F,
SAE J1455
EMC/EMI: SAE J1113; FCC-Part15B;
Industry Canada
RoHS Compliant

Technical Features
- 6 month battery @ 1 update/ day
- 3.8 Ah Lithium Ion re-chargeable pack
- Ultra-Low Power Mode (< 1 mA)
- IP66 sealed, ruggedized enclosure
- Internal GSM and GPS Antennas
- Super Sense GPS (-160 dBm tracking)
- Internal 3-Axis Accelerometer for motion
- 3 Inputs/3 Outputs (150mA)/Status LEDs

Service Features
- 1,2,3,4,6 Updates per day
- 2 Min real-time updates when tethered
- Reliable Store and Forward
- 2000 Buffered Messages
- 3G/HSPA and SMS-based messaging
- Low battery notification
- Over-the-Air Programming and Firmware Updates

Standard Testing
- Program Testing
- Application Report Testing
- GPS Acquisition
- 3G/HSPA Network Registration
- Multiple GPS reports received on Client-Specific Interface

Active/Passive Trailer/Equipment Tracking