

Passport

Remote Asset Tracking Device

- **Up to 3 years of battery operation**
- **Integrated internal antennas**
- **Superior GPS Sensitivity**
- **Simplified over the air programming (OTAP)**
- **No installation required**



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www.skypatrol.com
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Passport

Remote Asset Tracking Device

GPRS Packet Data

- Mode: Class B, Multislot, Class 10
- Protocol: GSM/GPRS Rel 97 AMR Rel 99
- Coding schemes: CS1-CS4
- Packet channel: PBCCH/PCCCH

GSM Functionality

- GSM and SMS: Text, PDU,MO/MT, Cell Broadcast
- SIM Acces: 1.8 /3V SIM

GPS Functionality

- Channels: 12
- Sensitivity:
 - Monitoring: -159 dBm (typical)
 - Reacquisition: -158 dBm (typical)
 - Cold Start: -145dBm (typical)
- Position Accuracy (HORIZ)
 - 130 dBm Autonomous CEP (50%) 1M (typical)
 - 150 dBm Autonomous CEP (50%) 7M (typical)
 - 130 dBm Autonomous CEP (95%) 3M (typical)
 - 150 dBm Autonomous CEP (95%) 15M (typical)

Radio Performance

- Frequency (MHz) 850/900/1800/1900
- Transmit power
 - Class 4 (2W@850/900 MHz)
 - Class 1 (1W@1800/1900 MHz)
- Sensitivity: -108 dBm (typical)

Interface

- Internal Protocols: UDP API, TCP API
- API Control/Status: AT Commands, UDP API, TCP API, AT Commands over SMS
- Physical interface: Internal USB, Illuminated External Power Switch, Flexible Mounting

Mechanical

- Dimensions: 6.61" x 2.67" x 0.82"
- Weight (with Battery): 0.46 Lb
- Operating: -22°F to 185°F
- Storage: -40°F to 185°F
- IP Rating: IP66

Power & Battery

- DC Voltage: 3.3 to 4.5 Vdc
- GSM Operating power (typical): @3.8 Vdc
- BAT-0007-0001
- Chemistry: Lithium-Thionyl Chloride
- Capacity: 4200 mAh @RT

Certifications

- FCC Certified
- PTCRB Certified
- CE Mark
- GCF
- IC
- RoHS Compliant

Skypatrol LLC reserves the right to change the functionality of the device without prior notice.

Contact Us Today

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