SP3801
Ultra-Compact GPS Tracker

When it comes to product reliability the SP3801 is king! Our devices are well proven to stand up to the harshest vehicle environments. The SP3801 is one of our smallest tracking devices available to the market today. With our optional OBDII quick connect cable, you’re installed and tracking within minutes. You can be assured that when you ask for a vehicle position it happens fast and reliably.

FEATURES

- Locate On Demand
- Starter Enable/Disable
- Geofencing
- Late Payment Modes
- Reports Battery Voltages
- Scheduled Locates
- Limited Lifetime Warranty
- OBDII Plug & Play Installation
- Automated Reporting Modes
- Speeding Notifications
### GPS

**Receiver**
56 Channel uBlox all-in-one GPS receiver

**Sensitivity**
- Autonomous: -147 dBm
- Hot start: -156 dBm
- Reacquisition: -160 dBm
- Tracking mode: -162 dBm

**Accuracy (CEP)**
- Autonomous: < 2.5m
- SBAS: < 2.0m

**TTFF (Open Sky)**
- Cold start: 27s average
- Warm start: 27s average
- Hot start: 1s average

### CDMA

**Frequency**
Dual Band: BC0/BC1 Compliant to CDMA2000 1xRTT

**Max. Data Rate**
153.6 Kbps

**Max. Out RF Power**
23 ~ 25 dBm

**Min Out RF Power**
< -50 dBm

**Dynamic Input Range**
-25 ~ -110 dBm

**Receiving Sensitivity**
BCO -110 dBm, BC1 -107 dBm

**Max. Frequency Error**
800 MHz band: ±300 Hz, 1900 MHz band: ±150 Hz

### USER INTERFACES

**CDMA/GPS Antennas**
Internal only

**Indicator LED**
CDMA, GPS and battery status

**Mini USB Interface**
For upgrading and debugging

**Digital Input**
Two digital inputs
- One positive trigger for ignition detection.
- One negative trigger input for normal use.

**Digital Output**
Two digital outputs
- One digital output with internal latch circuit, open drain, 150 mA max
- One digital output, open drain, 150 mA max drive current

### ELECTRICAL

**Operating Voltage**
8V to 32V DC

### PHYSICALS

**Dimension**
73 x 50 x 13.2 mm

**Weight**
45g

### ENVIRONMENTAL

**Operating Temperature**
-30C ~ +80C
-40C ~ +85C for storage

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Preliminary Specifications - Subject to Change

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