



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

SP3801

Specifications



(Main View)

(Side View / Interface)

GPS

Receiver	56 Channel uBlox all-in-one GPS receiver
Sensitivity	Autonomous: -147 dBm Hot start: -156 dBm Reacquisition: -160 dBm Tracking mode: -162dBm
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	BC0 -110 dBm, BC1 -107 dBm
Max. Frequency Error	800 MHz band: ± 300 Hz, 1900 MHz band: ± 150 Hz

INTERFACE PROTOCOL

Transmit Protocol	TCP, UDP, SMS
Scheduled Report	Report position and status according to preset time schedules
Geofence	Up to 5 geofence regions can be defined
Power On/Off Report	Report when the device is powered On
Special Alarm	Special alarm based on digital input

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
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PHYSICALS

Dimension	73 x 50 x 13.2 mm
Weight	45g

ENVIRONMENTAL

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