



SP3400C

CDMA GPS Tracking Device



The SP3400C is our latest generation GPS tracking device optimized to meet all carrier and country certifications. The SP3400C is designed to withstand the harshest of conditions associated with vehicle telematics. This latest generation device can be widely used across all vehicle location applications ranging from Subprime Automotive needs, to Fleets, to Consumer telematics. The SP3400C features the latest in cellular antenna designs with optimization and improved logic to reach and operation in the most challenging urban and rural environments. The SP3400C is equipped with the latest firmware design with optimized over-the-air capability. When it comes to telematic needs the SP3400C is equipped with two discrete I/O circuits providing total control over a vehicle with everything from wireless auto ignition sense to relay triggers for enabling or disabling automotive components such as starters, locks, and various other relay driven components.

The SP3400C is the most improved expandable automotive tracking device available in the LBS market surpassing all its predecessors.

FEATURES

- CDMA 1xRTT 800/1900MHz dual band
- Built-in 3 axis accelerometer
- Update firmware over-the-air
- Integrated cellular and GPS antennas
- Excellent tracking & acquisition sensitivity
- Integrated high-precision GPS engine
- UDP and SMS data support
- Embedded TCP and IP stack
- 2 digital outputs, 1 analog input and 1 ignition input

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Specifications

GPS

Receiver	56 Channel
Sensitivity	Tracking Mode: -162dBm Cold Start: -148dBm Warm Start: -148dBm
Data Support	SMS, UDP
Accuracy	2.5m CEP
Cold Start	< 30 sec
Hot Start	< 1 sec

CELLULAR

Dual-Band Support	800 MHz Cellular Band 1900 MHz PCS Band
Embedded TCP/IP	Stack
CDMA 1XRTT Data	Up to 153.6 kb/s download/upload

INPUT/OUTPUT

Digital Input	1
Ignition Input	1
Output	2
Status LEDs	GPS and cellular connections
Serial UART Interface	1 for diagnostics

ON BOARD

3-Axis Accelerometer	Built-in
Firmware Upgrade and Configuration	Over-the-Air



ELECTRICAL

Operating Voltage	7.5 -16V DC
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PHYSICALS

Dimension	74 x 56 x 15 mm
Weight	51.9g
Case Material	ABS plastic

ENVIRONMENTAL

Operating Temperature	-25°C to +70°C
Storage Temperature	-40°C to +85°C

CONNECTORS

Connector Type	8 pin Micro Fit
GPS Antenna	Integrated
GPS Engine	Integrated

CERTIFICATIONS

FCC Compliance	Part15 Class-B
Verizon Network	CDMA

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