



HARDWARE

SPECIFICATION

GSM Specifications

GSM 850/900/1800/1900 MHz

Normal MS - SMS Data Only

Class 4 (2W) @ 900 MHz (EGSM) and 850 MHz (GSM)

Class 1 (1W) @ 1800 MHz (GSM 1800 DCS) and 1900 MHz (GSM 1900 PCS)

Subscriber Identity Module

1.8/3.0 Volt

Type Approvals

FCC Part 15, FCC Part 24

Industry Canada

CE MARK

EC R&TTE Type Examination

PTCRB

GPS Specifications

General

L1 (1575.42 MHz) frequency, C/A code

Sensitivity

Minimum -136.0 dBm with GSM coverage.

Accuracy

Horizontal: < 6 meters (50%)

Altitude: <11 meters (50%)

Acquisition

Signal Power -130.0 dB -136.0 dB

Hot Start (50%) <24 sec

Warm Start (50%) <38 sec <400 sec

Cold Start (50%) <90 sec

Dynamics

Acceleration: 4g (39.2m/sec²)

Motional jerk: 20 m/sec³

Environmental Specifications

Temperature

Operating: -10oC to + 55oC

Humidity

5% to 95% RH non-condensing @ +40oC

Vibration

0.008 g²/Hz 5 Hz to 20 Hz

0.05g²/Hz 20 Hz to 100 Hz

-3 dB/octave 100 Hz to 900 Hz

Shock

Operational: 40g for 11mSec

Non-operational:

75g for 6 msec

Physical Specifications**Size**

Smart Track

143 mm x 76 mm x 38 mm (5.78" x 2.99" x 1.44")

Smart Track Plus

143 mm x 76 mm x 48.3 mm (5.78" x 2.99" x 1.99")

Weight

205 grams (7.2 oz) not including batteries

Internal Battery Life

6-8 Hours if disconnected from vehicle battery.

Additional Information.

No external Power Adapter available.