



SP8703

Portable GPS Tracker

Skypatrol is introducing its SP8703, the most advanced personal tracking device in its portfolio. This mini device includes WIFI connection, SOS button and a 3-axis accelerometer.

It uniquely operates all over the world in both 2G and 3G networks. The device includes a super sensitive GPS with accuracy of up to 2.5 meters. It is an ideal solution for personal security, Police, Military applications and asset tracking.

Keep connected with a long life battery and a WIFI connection.

FEATURES

- WIFI Connection
- High performance GPS
- 3 Axis Accelerometer
- Rechargeable Li-Polymer battery
2600mAh
- Ultra-low power consumption (Sleep Mode)
- Smart SOS button

SP8703

Specifications



GPS

Receiver	GPS & GLONASS SBAS: WAAS, EGNOS, MSAS, GAGAN
Location Accuracy	2.5 meter CEP (with SBAS)
Tracking Sensitivity	-162dBm
Acquisition Sensitivity	-147dBm

CELLULAR

Data Support	SMS, UDP or TCP WCDMA packet data
Operating Bands (Mhz)	Quad Band: 850/900 1800/1900 MHz GSM / GPRS: 850/900 33dBm 1800/1900 33dBm WCDMA Band: B1, B2, B4, B5, B8
Transmitter Power	HSPA/UMTS 23dBm

USER INTERFACES

Cellular Antenna	Internal only
Serial Port	via USB cable
WIFI	Yes
Smart SOS Button	Yes
Notifications	Voltage monitoring, low battery
SIM Access	External

ON BOARD

3-Axis Accelerometer	Built-in for motion alert with Configurable thresholds
Internal Led Indicator	Cellular GPS WIFI Battery

ELECTRICAL

Operating Voltage	3.7 V internal battery pack
Power Consumption	Typical 200µA @3.7V (deep sleep) Typical 21.5 mA @ 3.7V (SMS+UDP connection, GPS off) Typical 89.9 mA @ 3.7V (continuous transmit)
Battery	Li- Polymer 2600 mAh
Sleep Mode	Ultra low
Configuration	Automatic over-the-air on power up

PHYSICALS

Dimensions	74.8 x 42.5 x 27 mm
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ENVIRONMENTAL

Temperature	-20°C to +55°C (operating) -40°C to +85°C (storage)
Humidity	95% RH @ 50°C non-condensing
RoHS	Compliant

Battery Life

Without Reporting	616 Hours
One Report per 5 Minutes	260 Hours
One Report per 10 Minutes	304 Hours

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