

Covert GPS Tracker PT-8200

[Portable/Battery Powered/Hardwired]

The PT-8200 is a sophisticated CDMA based gps tracker powered by the Qualcomm QSC6055™ gps module. It is equipped with an internal battery, but can also be used with a number of available external battery configurations for an extended runtime.

The PT-8200 boasts a 3D accelerometer for sensing motion, as well as integrated light and temperature sensors. The PT-8200 includes an on-board vehicle adapter for hardwired applications.

Specifications

Size

- (L) 3.54" x (W) 2.36" x (H) 0.79"
- (L) 90 x (W) 60 x (H) 20 mm

Weight

- 3.0 oz. /85.05 g with internal battery

Battery Capacity

- 1.5544 Ahr Lithium-polymer rechargeable (internal configuration)
- 4.0, 10.0 or 20.0 Ahr Lithium-polymer (external carrying case recommended)
- Note: Remotely configurable Hibernation modes save power while stationary

Motion Detection

- Electronic 3D accelerometer enables motion dependent reporting rates and alerts
- Inferred motion status via the LiveViewGPS portal

Interfaces

- Two LED indicators (battery & link status)
- Programmable status button (top)
- On/OFF button (side)

Hardware Module

- Qualcomm QSC6055™

External Power Connectors

- MATE-N-LOK™ External Battery (3.4 to 4.3 Volts)
- Micro-USB 5 Volt external DC
- 10-pin vehicle power adapter (9-15 Volts)

Interfaces via 10-pin Connector

- 2.6 Volt digital
- Inter-integrated circuit (Serial Uart)
- Two sensor interfaces: 4-20 mA current sensor; and/or Analog input sensor

Internal Antennas

- Integrated GPS and Cellular
- ZigBee (optional)

Internal Sensors

- Temperature: -4° to 140°F/-20° to 60°C
- Light: ± 4 lux from 0 to 254 lux

Radio & Network Modes

- CDMA 2000
- US Cellular (800 MHz) and US PCS (1900 MHz)
- ISM Zigbee (2.45 GHz) (optional)
- SMS and TCP command and TCP/IP response (less prone to delays)



PT-8200

Spec Sheet

- Built-In Battery, Antenna, 3D Motion, Light & Temperature Sensors
- Onboard Vehicle Adapter For Hardwired Applications
- Compact Form Ideal For Covert Use
- Optional External Batteries
- Operates In Impaired Environments
- Superior Battery Management Enables PT-8200 To Remain Deployed In Remote Locations For Longer Periods Of Time



PT-8200 Tracker With 10-Pin Hardwired Vehicle Connector



Wide Range Of External Battery Options



Onboard Temperature & Light Sensors

Specifications (Cont.)

GPS Modes and Sensitivity

- Autonomous GPS (-152 dBm)
- User Plane MS-Assisted (-155 dBm)
- Control Plane MA-Assisted (-159 dBm)

Water Resistance & Environment

- Temperature
-20°C to +60°C (standard operation)
-40°C to +85°C (storage)
- Humidity
0-35% (non-condensing)

Standards

- IS-95A/B
- IS-2000 (1X) Release 0 and Release A
- IS-637 (SMS)