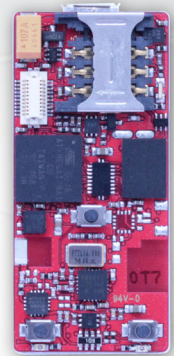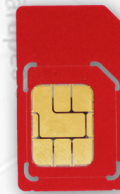**GEDION**

HADASA
Micro GPS tracker

Hadasa micro GPS tracker is a perfect solution for law enforcement agencies to track locations of vehicles, pedestrian or assets, especially when an object has to be tracked covertly.

Hadasa micro GPS tracker is a tiny module with an integrated GPS antenna, ultra-low power consumption, 3D accelerometer and support for audio monitoring and external sensor. Event driven configuration provides the widest range of possible settings. Positions can be logged based on traveled distance, course change, elapsed time, external sensor triggering and so on. The GSM and GPS modules can be independently configured to turn on an off for energy saving and device protection from discovery by means of radio monitoring and sweeping tools.

actual size image

Hadasa micro GPS tracker allows up to 5-6 months of autonomous operation with GPS logging to a server every 30 seconds while moving in usual driving conditions (up to 2 hours of driving per day) running on one D-size primary cell.

Hadasa GPS tracker can be paired with Gedion tracking web service. The special features of Gedion tracking web service include easy intuitive interface, extensive range of device settings over the Internet, recorded route playback, long stops and geo zones entering/exiting analysis and other unique features.

KEY FEATURES AND OPTIONS

- Quad-band GSM for worldwide coverage
- Very small, only 46 x 21 x 6.5 mm.
- Lightweight: 7 grams for the fully equipped PCB.
- Ultra low power consumption, down to 3uA
- Serial, analog and digital interfaces
- 3 pushbuttons, 3 LEDs for user interaction
- Excellent GPS accuracy (onboard antenna), A-GPS options
- Cell ID location (in case of no GPS signal)
- GPS logger capability
- Onboard sensors: 3D accelerometer up to 16g.
- Compatible with D-type primary battery
- Wide operating range: -40 ˚C ... +85˚C

- Multiple watchdog levels for maximum stability
- Dual charge protection for voltages and temperature range.
- Remote configuration over GPRS and SMS
- Firmware update over the air
- Event driven configuration, over 300 different events supported
- Geofencing with over 4000 geozones
- GPS position logs memory – 6000 points
- Special anti-detection modes
- Supports multi server configuration
- Audio with external microphone (not included in basic kit)
- Web service with live view, reporting and online configuration available
- Connection to the vehicle's power system