



GEDION

Sha-Ked Tracker

GPS-3G/GSM-BT miniature tracking device

Introducing the new standard for a wearable tracker engineered specifically for short-term operations or for hidden installation in small household devices or accessories.

The advanced GPS/GLONASS receiver determines the position within no more than 30 seconds even in difficult weather conditions.



The tracker has flexible external 3G/GSM and GPS antennas, as well as a Bluetooth transmitter.

It can work in the online mode, sending GPS positions to the server immediately once logged. Alternatively, it can operate in the accumulation mode, without connecting to a mobile network.

The accumulated GPS logs can later be transferred to a computer or downloaded to your Android smartphone via a companion application.

The tracker features an accelerometer and can be equipped with a SOS button if desired.

For maximum reliability, the tracker can perform positioning based on the Cell ID when there is no GPS signal.

If there is no mobile network connection, all data is written to the internal memory for subsequent transmission.

Device operation is fully customizable with numerous settings such as activation from movement, transfer of the accumulated information on schedule or via a Bluetooth command, log filtering based on speed or distance, and many more.

General parameters:

- Size : 33x22x6.5 mm
- Weight 15 grams
- External GPS,3G,GSM antenna
- Internal BT antenna
- Accelerometer
- Internal memory : 512 mb
- 256 Bit end-to-end encryption
- Minimum transmission interval 1 sec
- Temperature range -20 °C to +70 °C
- Operating time
- Active tracking every 1 min-up to 9 hours
- Active tracking every 1 hour -up to 25 days

Mobile modem:

- Worldwide UMTS/GPRS
- 800, 850, 900, 1900, 2100
- Jamming detection



* based on 360mA battery

GPS receiver:

- GPS Acquisition
- Cold start: 26-60 s
- Warm start: 5-10 s
- Hot start: 1-3 s
- 72-channels supported
- GPS, GLONASS
- BeiDou, Galileo
- Sensitivity Tracking & Nav: -167 dBm
- Cold starts: -148 dBm
- Hot starts: -157 dBm
- Spoofing detection : built in
- Jamming detection



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