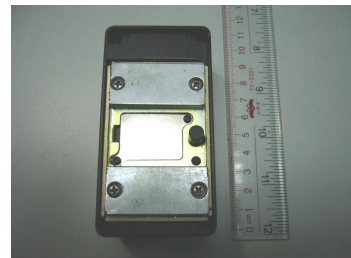




## GT8019 FREQUENTLY ASKED QUESTIONS

### QUESTIONS:

- What is the GT8019?
- What are its key features?
- How does it work?
- What information does it send?
- What are its key benefits?
- What applications are the GT8019 suitable for?
- How do I identify the key components?
- Will it work in areas with poor or no GSM coverage?
- How frequently does it send location reports?
- How do I change the report frequency?
- What happens if the user no longer wants to be tracked?
- How is it configured?
- What does a user need to create an end-to-end solution?
- Will the device continue to run reports if the battery runs out?
- Once the device has reached its memory capacity does the device stop generating reports?
- Can the device only be re-configured by one end user?
- Can the software be run on multiple PC's?
- How big is the GT8019?
- How long does the battery last?
- What are the operational costs?
- How much does a GT8019 cost?
- How can the user become a distributor of the GT8019?
- Who does the user contact for further information?
- Who does the user contact for support?



## ANSWERS:

### *What is the GT8019?*

The GT8019 Container Tracking System is a compact tracking device that has powerful magnets that allow it to be attached to any steel container in seconds. Using its dual-band GSM/GPRS operation, it can be deployed in multiple GSM networks worldwide. It features a built-in magnetic door sensor, allowing the unit to report when the container door is opened or closed. It is fully self-contained and battery powered for instant deployment.

### *What are its key features?*

compact: the GT8019 is 96x50x42mm including built in antennas

weather resistant: the GT8019 has a water resistant enclosure

data transmission: real-time GPS tracking worldwide, GSM dual-band with GPRS, also supports SMS reporting

battery: multiple power modes for superior battery life

flexible reporting: movement and battery status reporting, time, distance or combination

geo-fences: 4 configurable geo-fence areas

motion detector: built-in container door magnetic sensor

memory: 900 position log memory

### *How does it work?*

It uses a latest generation GPS system to acquire its exact location and then transmits this and other relevant information to the customer's monitoring centre or internet via the local GSM network.

### *What information does it send?*

The standard report output from the GT8019 contains: unit ID, GPS status, date & time, GPS latitude and longitude, speed heading, device status and report configuration. The GT8019 can send reports using SMS or GPRS. The information the device sends is up to the user and determined when the device is initially configured. The device can be re-configured at any time.

### *What are its key benefits?*

ease of deployment: powerful in-built magnets allow it to be deployed on any steel surface within seconds. A steel plate is provided as an accessory to allow the unit to also be attached to non-steel surfaces

area of operation: dual-band for use across most GSM networks

flexibility: the unit is self contained and battery powered

monitoring: enables continuous tracking of the user's containers and their contents. They can receive alerts when the container leaves a pre-determined area or route, allowing them to take action before assets go missing. The device also monitors non-compliance with speed limits

*Will it work in areas with poor or no GSM coverage?*

If there is no GSM coverage the device will still generate reports, it will just store them to memory until there is GSM coverage. When there is GSM coverage it will send reports via GPRS until the device is up to date.

*Does the device send an update in both GPRS and SMS mode if GSM signal is lost?*

The device will always store each report in its internal memory. In GPRS mode the device will commence catch up once signal is received again and continue to send the required reports. In SMS mode however, the device will recommence sending reports when its signal is reacquired but catch up will not take place.

*How frequently does it send location reports?*

The GT8019 will send location reports at a frequency determined by the user. This allows the user to set a frequency which is best suited for the application. This frequency of reporting can be by distance, time or both. The device can also be set with different report frequencies when moving or when stationary.

*How do I change the report frequency?*

The frequency of the reports can be changed by sending an SMS command to the tracking unit. This can be done using a standard mobile phone, a PC to SMS message formatting program, by using the appropriate tracking software or by the purpose built configurator program from Geonix Tracking which is available at [www.geonixtracking.net](http://www.geonixtracking.net).

*What happens if the user no longer wants to track a container?*

When not required the user simply removes the GT8019 from the container and the container is no longer trackable.

*How is the GT8019 configured?*

Initial configuration must be done using the supplied PC software. When a user subsequently wishes to change the units configuration, this can be done either by PC or by sending an SMS command to the unit.

*What does a user need to create an end-to-end solution?*

The user needs a SIM card from the local GSM service provider and enabling, presentation and mapping software.

*Will the device continue to send reports if the battery runs out?*

No, the device will not continue to send reports if the battery runs out, it is therefore essential that the battery is recharged as soon as a low battery alert is received.

*Once the device has reached its memory capacity does the device stop generating reports?*

No, the device keeps track of the 900 most recent positions. It therefore overwrites any "out of date" data beyond the last 900 positions as the positions are recorded.

*Can the device only be re-configured by one end user?*

No, the device can be re-configured by whoever has the device, a programming lead and software. The device can however be protected with a device ID and password.

*Can the software be run on multiple PC's?*

Yes, the software can be run on any PC (providing the end user has the device and programming lead).

*How big is the GT8019?*

The GT8019 is 96x50x42mm including in-built antennas.

*How long does the battery last?*

The GT8019 battery life varies according to use. There are various power modes that can prolong the battery life. If the device is on all the time and generating reports every few minutes the battery will not last as long as if the device was programmed to report only when the device sensed movement. In typical applications, battery life can last up to 3-4 days. To special order additional external rechargeable battery packs can be made available which can considerably extend service life.

*What are the operational costs?*

The operational costs with the GT8019 are determined by the local GSM service provider.

*How much does a GT8019 cost?*

The GT8019's RRP is \$439.

*How can the user become a distributor of the GT8019?*

To become a distributor, please send details on your company to [wendy.hughes@geonix.com](mailto:wendy.hughes@geonix.com).

*Who does the user contact for further information?*

For further information on the GT8019, take a look at the website [www.geonix.com](http://www.geonix.com), or alternatively contact [info@geonix.com](mailto:info@geonix.com).

*Who does the user contact for support?*

For technical support questions, please e-mail [john.carlyle-clarke@geonix.com](mailto:john.carlyle-clarke@geonix.com).