




GFWEC01

Applications	Key features
<p>Intermodal shipping containers All doors with ISO standard* Locking Gear</p>  <p>*34mm diameter vertical locking bar</p>	<p>Automatic activation Activation, Tamper, Removal and opening alerts Prevents Locking gear manipulation without removal Prevents Left hand door pull past Seal independent Configurable reporting schedules Fully reusable</p>

Specifications	
<p>Communications 3G GPRS Modem 6-band WCDMA (UMTS) and quad-band GPRS/EDGE LISA-U2 suitable for networks worldwide. Data-rates of up to 21.1 Mb/s UbloxLISA-U200 5.76 7.2 800/850/900/1700/1900/2100 Extended temperature range: -40 to +85°C Optimised Taoglas PA.710.A Antenna</p>	<p>Dimensions Weight 1650g L315mm X W160mm X D50mm Protection IP67</p>

Positioning

GTops Gmm-g3

Autonomous GPS, GLONASS

Sensitivity -165dBm

Instant TTFF (Time to First Fix)

Power

Rechargeable Li-Ion 9300mAh battery

Recharging through IP68 mini USB port

Charging via mains USB charger (1Amp) or PC (500mA)

Power Usage System quiescent current per day 0.00035A

System total current per day (1 report) 0.0173667A

Estimated max reporting period at minimum daily reporting interval 1.5yrs

Materials

Steel

UV Stable SBS copolymer for impact resistance

Reporting Settings

Scheduled from hourly to daily

Motion from 5min to hourly (when moving)

Aggregated motion with position fix from 2min aggregated into packets sent up to every hour

Continued reporting after opening (Post Alert reports)

OTA, SMS and USB reconfiguration options

Alerts**Device generated**

Activation, Opening, Removal, Tamper, Battery Low

Platform Generated

Zone and location based

Route and Route deviation based

Proximity to location

Additional data supplied

Battery V, Battery %, Roll, Pitch, G, Motion Start, Motion Stop, Lat/Long, Time of report generation, Time of report delivery

Memory

32Mbit Flash for unsent reports with 20year retention

On board data logging available via micro SD card with up to 4GB storage

Fitted in seconds to any container, even closed and sealed

Automatic activation on fitting

Fully integrated with locking gear

Any removal will generate alert

Opening of device will generate alert

Tampering with Container will generate alert even if E-Containerlock is not removed

