

## Astrata's GLP90E introduces affordable, proven, real-time vehicle tracking

The GLP90E, a certified quad-band, 3-axis accelerometer integrated device, is optimized for today's increasing demand for vehicle recovery, fleet management, and driver and vehicle profiling. Providing complete GSM/GPRS communications, Astrata helps you track and monitor vehicles from the family car to the largest fleet of commercial vehicles.

The new GLP90E is offered as an economical solution, providing enhanced vehicle tracking solutions to the market. The OTA enabled quad band GSM/GPRS device with internal antennas, 3-axis accelerometer, analog inputs, fuel level measurement, ensures a feature rich solution with low implementation and operation costs.

Optimized for the mass market, this unit can capture and monitor information for today's most demanding fleet and vehicle recovery applications, relaying vehicle and driver behavior information on rapid acceleration, harsh braking, speed violations, and excessive idling. With an optional battery for communications when power is lost, the GLP90E is optimized for several markets where vehicle information is required.

### GLP90E Device Benefits:

- 3-axis accelerometer for driver behaviour reporting
- Polygon geo-fencing
- IO connections
- Fuel level measurement
- Internal antennas for easy and economical installation
- Auto-registration on power up
- Integrated SMS for commands & messages
- OTA Firmware upgrades
- Panic button and vehicle immobilizer option
- Flexible customization through built-in programmable rules engine & control automation capabilities
- Built-in battery optional

*Superior Performance, unprecedented reliability – Delivered through the GLP90E*





## Technical Specification

<b>Operation</b>	
Backup battery	230mAh
3 Axis Accelerometers	Motion alert (towing) and driver behavior reporting (rapid acceleration, harsh braking) using configurable thresholds
I/O	Ignition sense
	1 digital input
	1 analog input (0-16V) (used for fuel measurement)
	2 digital outputs
<b>GSM</b>	
Band	850/900/1800/1900 Mhz
Transmit power	Class 4 (2W@850/900 Mhz)
	Class 1 (1W@1800/1900 Mhz)
Antenna	Built-in GSM antenna
Packet Data	Class B, Multislot 2
Protocol	GSM/GPRS Rel 97, AMR Rel 99
<b>GPS</b>	
Receiver	Built-in GPS antenna
Protocols	NMEA, Binary
Buffered GPS message feature	Yes
<b>Power</b>	
DC Voltage	9-16V (step down convertor optional)
Battery	Optional rechargeable li-ion battery 230mAh
<b>Certifications</b>	
FCC	Parts 15,22,24
GCF	Version 3.40.0
PTCRB	Version 5.6
CE	Article 3.1a, 3.1b, 3.2
RoHS Compliant	Yes
Anatel	Yes
eMark	Yes
Industry Canada	RSS-210, 132, 133
<b>Environmental</b>	
Temperature range operation	Normal operation -30C to 85C degrees celsius
Humidity	Up to 95% non-condensing
Vibration	In accordance with SAE J1211
Dimensions	82 x 46 x 21 mm
	Rugged textured plastic enclosure, fire rated



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