



GLP500

Quick, temporary, real time tracking solution

Astrata's GLP500 Rapid Deployment Unit is quick and easy to install for temporary, real time tracking and monitoring applications. It offers a comprehensive range of capabilities over and above an after theft recovery device.

The state-of-the-art unit is a self-contained, battery operated tracking unit capable of being fixed to moving assets in a matter of seconds.

Using secure magnetic mounts and anti-tamper sensors the futuristic and aerodynamic form of the GLP500 makes it suitable for non permanent vehicle installations, like tracking containers, special event tracking or ad-hoc vehicle tracking.

It is based around Astrata's proven GLP (Geo-Location Platform) allowing users full access to most of its hardware features within a self-contained unit. Assets can then be monitored travelling along authorised routes, moving in and out of zones, all without the need for complex installations.

The GLP500 can easily be swapped between vehicles and is an effective tool for numerous applications including Customs and Excise, Homeland Security, Border Control, Port facilities, Special events, Crisis Management, Military Bases or other scenarios where different assets need to be monitored for a limited period of time.

It is a technologically advanced GPS tracking device with all antennas for GPS, GSM and a 434MHz RF transceiver enclosed in a weatherproof IP67 rated housing.

Operating in SMS and GPRS modes it uses 128 bit AES encryption, this gives it the ability to transmit its position securely as a text message or via the data network. It can be monitored in real-time via Astrata's Geo-Location System (GLS) - a Window's based self hosted solution or via the GLSi Web solution hosted at Astrata's premises in a secure environment. GLS supports small, large fleet and multi-fleet operations.

Applications

- Transit Tracking
- Homeland Security
- Special Events
- Customs and Excise



Deployment of the GLP500 is quick and easy allowing real time tracking and monitoring in seconds





Technical Specifications

Category	Details
1 Dimensions	<ul style="list-style-type: none"> 300mm X 200mm X 62.5 mm
2 GLP	<ul style="list-style-type: none"> High Sensitivity GPS Quad Band GSM 3-Axis Linear Accelerometer
3 Battery life	<ul style="list-style-type: none"> Battery capacity: 21AH (3P1S) Battery Dimension: 21.5 x 68 x 147 mm Max Charging Current: 2.5A Max Discharging Current: 2.0A
4 Tamper detection	<ul style="list-style-type: none"> Demount tamper detection is activated when the product is lifted from the metal mounting surface. Case opening tamper detection is activated when the GLP500 box is opened
5 Mounting	<ul style="list-style-type: none"> 6 Magnetic mounting pads Withstands f=2-20Hz, +5cm, vehicle velocity = 100km/h Tamper switch detects when unit is tampered with or removed
6 Weight	<ul style="list-style-type: none"> RDU < 1800g
7 IP rating	<ul style="list-style-type: none"> Product is IP 67
8 Temperature	<ul style="list-style-type: none"> Operating -20° to 70°C Storage -40° to 70°C
9 Drop test	<ul style="list-style-type: none"> 1m drop on 6 faces with no functional damage

Astrata is focused on advanced location-based IT services and solutions (telematics) that combine GPS positioning, wireless communications (satellite or terrestrial) and geographical information technology, which together enable businesses and institutions to monitor, trace as well as control the movement and status of machinery, vehicles, personnel or other assets.

Astrata has designed, developed, manufactured and currently supports ten generations of telematics systems with units deployed worldwide.

Astrata has offices throughout the world including the United States, Europe, the Middle East and Asia.

For further information please visit www.astratagroup.com.



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