

# AGT-G



*The AGT-G is a multipurpose transmitter that can be used for railcar tracking. It is very similar to the AGT-C, except that it includes a GPS receiver for improved accuracy.*

## MAIN FEATURES

The AGT-G is a simple transmitter that has been designed for fleet management applications when position-only, with GPS-grade accuracy, is required. The only connection is with the dual antenna and the only switch is to turn it on or off. Easy to operate and ready to use, the AGT-G is a perfect unit for starting using Argos and track regularly railcars. The AGT-G comes with a flat antenna (CLR-VG) and its internal battery.

## MAIN OPTIONS

- **Battery options.** The AGT-G can be powered by an alkaline or a lithium battery. The lithium battery keeps working when the temperature goes down to -40°C while the alkaline battery stops operating at about -20°C. Battery life depends on the transmission scheme and can be increased with the use of additional battery packs.
- **Transmission Options.** The AGT-G includes a GPS receiver that can be factory programmed to accommodate various transmission schemes. For instance:
  - it can transmit one position every hour, every 2 hours or every 20 or 30 minutes,
  - it can transmit the “instantaneous” position i.e. the GPS fix available when the Argos satellite passes over,
  - it can transmit when inside a zone and stop when outside,

- it can transmit only when moving or when stopped which is the most commonly used option. As an example: one position every hour when moving and one position every day when stopped (GPS Tracking Service).

## PHYSICAL CHARACTERISTICS

<b>Size</b>	90x160x260mm (3.5x6.3x10.2in)
<b>Weight</b>	Less than 6kg (13lbs)
<b>Connectors</b>	Double TNC for CLR-V antenna
<b>Environment</b>	Splashproof (IP 67)
<b>Installation</b>	Brackets are provided upon request
<b>Antenna</b>	CLR-G
<b>Miscellaneous</b>	Transmitter is turned on when connected to the power pack. Housing is reinforced splashproof polyester
<b>Radiated Power</b>	1 W
<b>Operating Temperature</b>	-20°C to +50°C (-4°F to +122°F)
<b>Storage Temperature</b>	-40°C to +80°C (-40°F to +176°F)
<b>Power Supply</b>	Internal alkaline or lithium battery (12VDC ±2VDC)
<b>Power Consumption</b>	Power consumption depends mainly on the use of the GPS receiver and transmission conditions between 6 months and 2 years.

## OPERATING MODES

Several options are possible, however the standard set-up is:

- one position/hour when moving
- one position/day when not moving
- Argos positions as a back-up

## DATA TRANSMITTED

The standard message contains no data.

## APPLICATIONS

- Fleet Management of tank containers, tank railcars