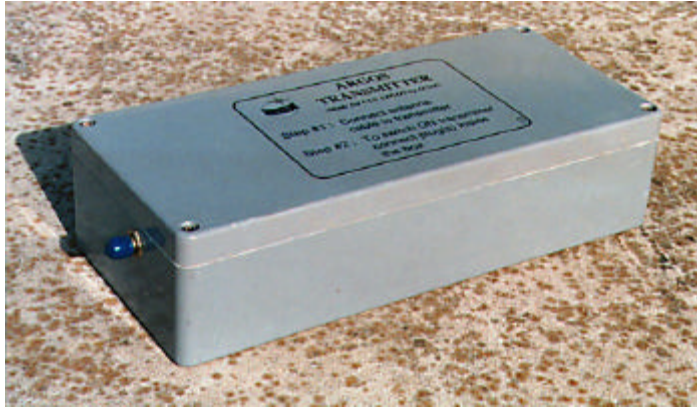


# AGT-C



**The AGT-C is a multipurpose Argos transmitter that can be used for container, railcar or trailer tracking**

## MAIN FEATURES

The AGT-C is a simple and low cost transmitter that has been designed for fleet management applications when only position and temperature reading is required. The only connection is with the antenna and the temperature probe. To prevent unwanted activation or unactivation, there is no ON/OFF switch. Easy to operate, ready to use and low-cost, the AGT-C is the best unit to track and monitor fleets of containers with Argos. The AGT-C is delivered fully functional with a CLR-V flat antenna, an external temperature sensor and a battery pack (alkaline, 15V, 54AH).

## MAIN OPTIONS

- **Lithium battery.** The AGT-C is powered by its internal alkaline battery rated from -20°C to +60°C. For lower temperatures, a lithium battery can be used.
- **Antenna.** For dry boxes or reefers, the AGT-C may be connected to a CLD antenna instead of a CLR-V.
- **Temperature probe.** The AGT-C comes with the LM35CZ temperature probe to transmit the temperature of a product like the liquid in a tank container. The probe is rated between -50°C and +150°C. Optionally, it is possible to use another temperature probe for high temperature readings for instance (over 150°C).

## PHYSICAL CHARACTERISTICS

<b>Size</b>	90x160x360mm (3.5x6.3x14.1in)
<b>Weight</b>	6,6kg (15lbs)
<b>Connectors</b>	TNC for antenna, temperature probe connector
<b>Environment</b>	Splashproof (IP 67)
<b>Installation</b>	Brackets provided
<b>Antenna</b>	CLR-V

**Miscellaneous**

Transmitter is turned on when connected to the power pack.

**Radiated Power**

2 W

**Operating Temperature**

-20°C to +50°C (-4°F to +122°F)

**Storage Temperature**

-40°C to +80°C (-40°F to +176°F)

**Power Supply**

Internal battery (11V to 15VDC)

**Power Consumption**

Standard Alkaline battery pack (AGT-C): more than 18 months (Basic Tracking, about 6 readings a day)

## OPERATING MODES

The AGT can be used with the Basic Tracking Service.

When ordering please provide:

- Antenna required (CLR-V or CLD)
- Temperature range for calibration of the sensor (à 100°C range between -50°C and +150°C, default being 0°C-100°C)

## DATA TRANSMITTED

The standard message contains the following data:

- sensor 1: not used (forced at FC hexadecimal)
- sensor 2: internal battery voltage
- sensor 3: temperature
- sensor 4: not used (forced at 00)

A typical message looks like:

FC 0.13118E+2 0.70588E+1 00  
With battery = 13,1V and temperature = 7,0°C

## APPLICATIONS

- Fleet Management of tank containers
- Tracking tank containers and monitoring the temperature of the product
- Tracking tank railcars