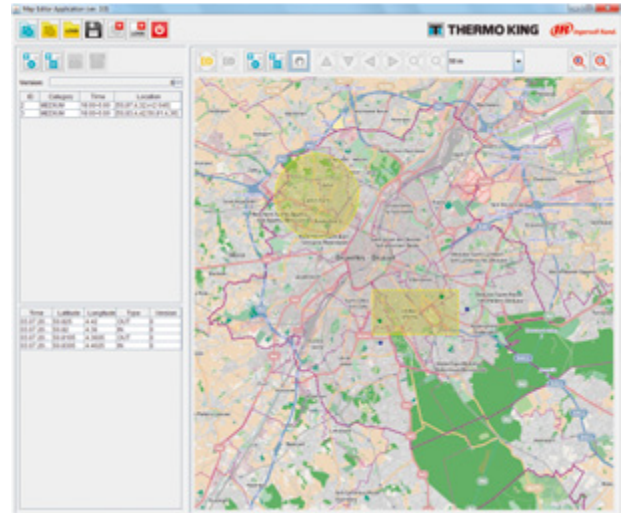


AdvanTech GPS Control System

For GeoFence applications



Description

Thermo King offers AdvanTech options that enhance end-user experience as well as create differentiation in terms of industry trends and comfort. These solutions have been developed to address passenger needs for improved air quality and noise reduction.

Features

- Enables full automation of noise control in running traffic
- Easy installation
- Compliant to new and upcoming urban/residential noise requirements such as PIEK-standard developed in the Netherlands and adopted in several countries like the UK, France, Germany and Belgium
- Innovative control system which can be customised also for other applications where location & time and actual position of the vehicle is critical to control a specific parameter of a vehicle



AdvanTech, an innovative HVAC solution for buses. Customers should look out for units that include AdvanTech, Thermo King's latest technology for HVAC buses. AdvanTech reduces the total cost of ownership by limiting downtime and allowing control over the balance of comfort and the costs associated with operation. AdvanTech units are Thermo King's most energy efficient units for the capacity they deliver, which results in a dramatic reduction in fuel consumption. It is this fuel efficiency, which makes for a substantially reduced impact on the environment, which has earned AdvanTech units their green leaf logo.

AdvanTech GPS Control System

Specifications

The system has a hardware part, which consists of a small box with electronics mounted on the vehicle, and a software part, which is installed on PC and consists of a map editor for the definition of system behavior and tools for data transfer to the hardware part.

HW part – GBB HSLO box

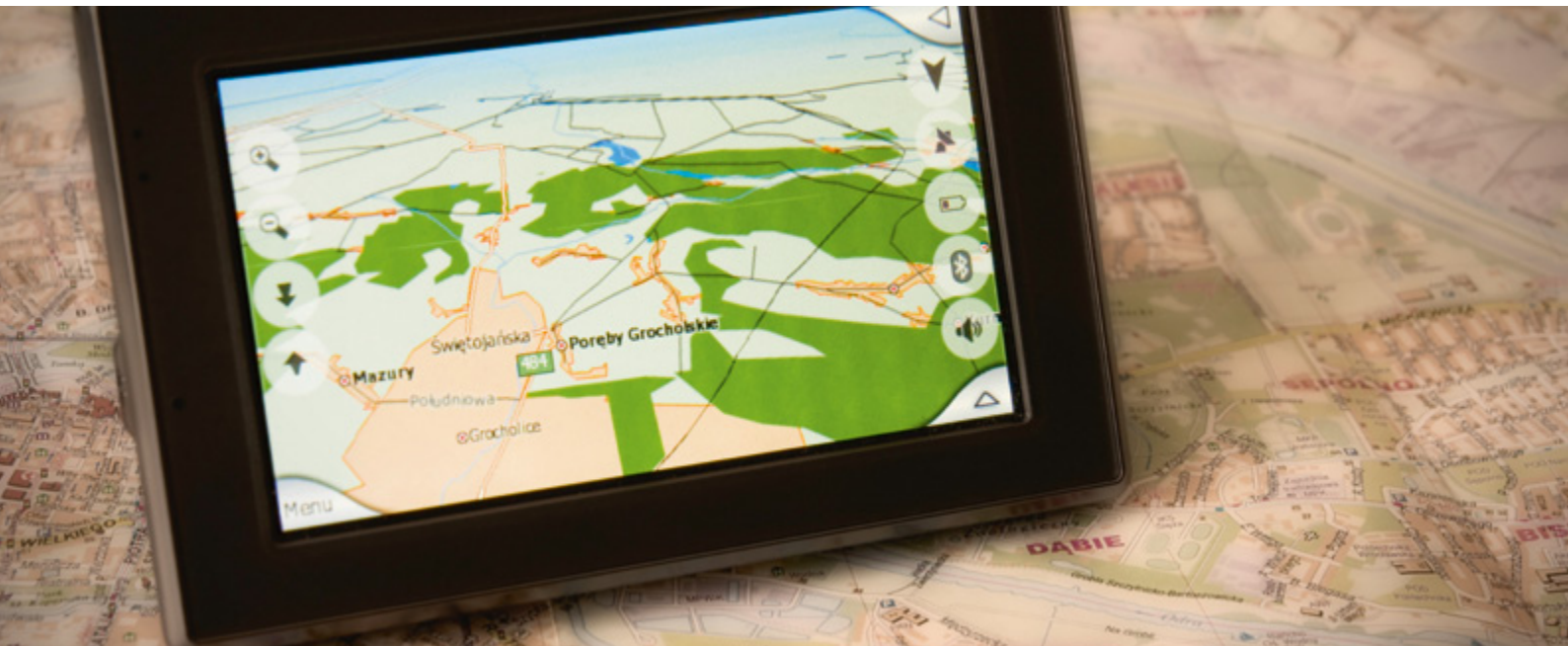
- Three interfaces to HVACR
 - RS232/RS485
 - CAN bus
 - Relay output
- External Wifi antenna
- External GPS antenna
- Wifi client mode
 - Dedicated AP required
- LED indication of performance
- Possibility to fit harness to specific application
- Power 7 – 35 V, 0.2 A
- Dimensions 280 mm x 146 mm x 230 mm
- Weight 200 g
- IP67

HW Performance

- Up to 1000 zones memory
- Real time clock synchronized from GPS
- UTC time operation
- Programmable via WiFi network

SW part

- Map editor
 - Open Street Maps based
 - Circular and rectangular zones
 - Time range of zone validity
 - Zone priority for special applications
 - Log data display
- Data Download/Upload tool
 - Data transfer over Wifi
 - Local operation in vicinity of vehicle or over network AP's



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