

identiFUEL™ Vehicle Unit

On-board vehicle units for wireless vehicle identification and statistics

- Uniquely identifies the vehicle to the Fuel Management System
- Optionally reports distance driven and engine running times
- Built-in RFID reader for optional driver authentication



The HID Global identiFUEL™ Vehicle Unit is an automatic system designed for vehicle identification and data reporting relating to vehicle usage.

The Vehicle Unit is installed inside the managed vehicle and should be connected to the odometer and ignition for optimal functionality.

Whenever the vehicle arrives at a corresponding fueling station with identiFUEL™ Wireless Controller, the unique ID of the Vehicle Unit is reported along with the distance driven and engine running times. This allows the Fuel Management System (FMS) operator to closely monitor vehicle utilization remotely.

The Vehicle unit is available in a rugged aluminum or standard plastic housing.

Connected to a proper antenna, the Vehicle Unit may also act as a lowfrequency (LF) reader to optionally read an RFID badge or keyfob of the driver and / or the RFID tag on the filling nozzle (if no identiFUEL Nozzle Unit reader is used).

Two LEDs provide visual confirmation when the Vehicle Unit is scanning for tags. The tag information is sent along with the vehicle unique ID and driving statistics to the FMS for reporting. It also enables the FMS to take more sophisticated business rule decisions if and how much fuel shall be dispersed based on driver and vehicle ID.



KEY TECHNOLOGY HIGHLIGHTS:

- Ultra-rugged and standard versions available
- Wireless reporting of vehicle data to fueling base station
- Reports distance driven per odometer pulser input
- Reports minutes of operation per vehicle ignition input
- Dual RFID readers for optional driver badge scanning
- Supports 12V and 24V automotive power supply

TYPICAL APPLICATION AREAS:

- Construction vehicles
- Trucks
- Bus coaches
- Any other commercial fleet vehicles

