



FM Trailer ID

Copyright © 1998 - 2004 Control Instruments Development (Pty) Ltd
A member of the Control Instruments Group
Document Version 8.0 - Updated 24 February 2004

Overview

The Fleet Manager Trailer ID (FM Trailer ID) is designed and developed to monitor your assets and cargo. The FM Trailer ID can be fitted to any trailer, which can be coupled to a vehicle equipped with a Fleet Manager (FM) 200 on-board-computer.

The FM Trailer ID monitors when and where trailers are connected, disconnected and the distance the trailer travelled. Service Reminders can be generated to remind the Fleet Manager of upcoming Trailer Services.

Features

Easy Installation	The FM Trailer ID is very easy to install. It has only two wires, one which connects to the on-board computer, and one which is the ground wire
Robust design	The FM Trailer ID is designed to be used in rough conditions. It is both durable and waterproof.
Daisy-Chaining	The FM Trailer ID enables more than one trailer to be connected to a truck – up to four trailers can be connected to one vehicle with on-board computer installed.
Low Cost	This is a very economical way to monitor your trailers, in addition to your vehicles

Technical Information

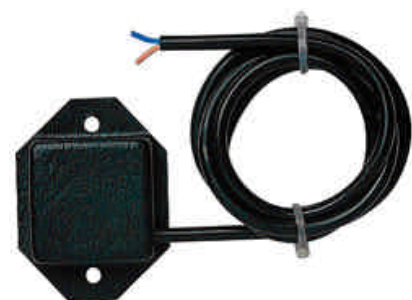
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Current consumption	The FM Trailer ID supply current is typically 3mA.
Voltage	9 – 30 V

Data Recording

The FM Trailer ID derives its power from the vehicle battery line, which is collected through the on-board computer (OBC). The FM Trailer ID records the following details when a trailer is connected or disconnected from a vehicle:

- Date and Time
- The vehicle to which the trailer is/was connected to
- Odometer Reading
- Vehicle Position

When the trailer is connected, it continuously sends a unique signal to the on-board computer, to ensure that the trailer is still connected. Once the trailer is disconnected, the data is stored in the database and Fleet Manager can see when the trailers was connected or disconnected.



Software

The Fleet Manager Trailer ID Extension is used in conjunction with the Fleet Manager Professional 8 software and provides functionality to allow fleet managers to maintain and report on trailer-related information for their fleets. Functionality is included to maintain trailer records, including service information.

A suite of five reports are included: Detail Trailer Report (by Vehicle), Detail Trailer Report (by Trailer), Summary Trailer Report (by Vehicle), Summary Trailer Report (by Trailer) and Trailer Service Reminder Report.

Please see the [Fleet Manager Trailer Management Extension](#) documentation for more information.

