

# T.I.U

Terrafix Interface Unit



## The TIU is a robust intelligent interface unit from Terrafix

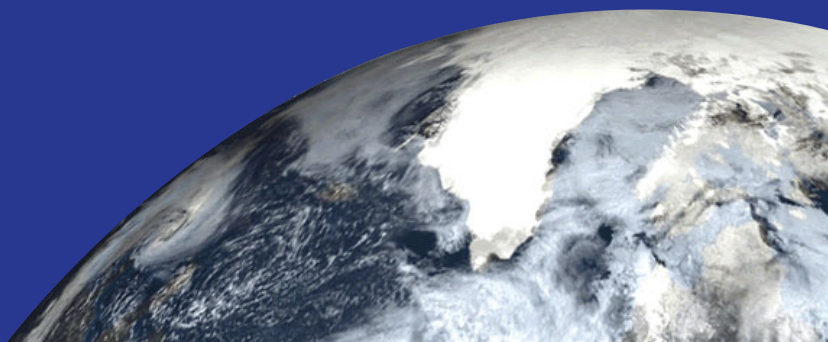
The TIU (Terrafix Interface Unit) is a powerful multi-functional unit that acts as a hub for in-vehicle applications. It incorporates the following

- a highly accurate 16 channel GPS receiver
- an internal GPRS/GSM modem
- an MMC memory card (currently up to 128 Mbytes) for data logging
- support for a number of external devices (modems & terminals) via serial interfaces

The TIU is software configurable so that it can be customised to specific applications and operational environments. It also allows a hands free kit or equivalent microphone system to be plugged into the GSM unit providing the user with voice capability.



# TERRAFIX



## INTERFACE

- 6 RS232 Ports
- I/O BITS - Control & Monitoring Use.  
4 input and 4 output opto-isolated
- CAN - A CAN bus interface for connection and monitoring of non-critical vehicle data
- MMC Memory cards - Standard memory cards up to 128 Mbytes can be inserted for data logging
- The data can be downloaded selectively over-air or the card can be removed for insertion into a suitable PC reader

## POWER SUPPLY

- Input Volts (DC) Nomina; 13.7  
Normal current Consumption 250mA  
Peak Current Consumption 700mA
- Reverse Polarity Protection
- Ignition Sense
- Internal/backup battery - 12 volt battery with .7Ah capacity

## DEVICES

- Motherboard Main Processor - 68000 series
- Internal 16 channel GPS Receiver
- Internal Modem for both GPRS and GSM

## DIMENSIONS & WEIGHT

23 cm (length) x 19 cm (width) x 5cm (depth) Weight 1.9 Kg

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