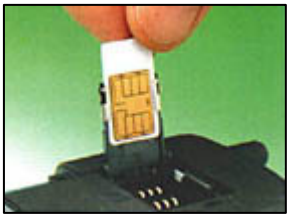
----------Unit One----------

PHYSICAL CHARACTERISTICS

PRISM TM2

The ***Prism TM2*** is a custom built transceiver made for Teletrac. The device is a black ABS plastic box roughly the same size as a small CD carrying case. Internally it consists of a GPRS modem, a GPS receiver, a controller board and a SIM card. The GPRS modem and GPS receiver are basically off-the-shelf devices. It's the SIM card that makes this product unique.



The SIM (subscriber identity module) card is a small electronic board that contains the "personality" of the unit. The SIM is a programmable card that can easily be moved from one unit to the next so that in the event of hardware failure the card can be remove and placed in a new unit without any reprogramming. SIM cards and the GPRS system run on the GSM network which is considered to be one of the most secure communication systems since both data and voice are encrypted to prevent eavesdropping. See Section Two for more information about how GSM, GPRS and SIM cards work.

In theory, the ***Prism TM2*** should work about the same as a VLU^{plus}. It has been purposefully designed to have a similar wiring scheme and to use the same installed peripherals. See Unit Five for installation information.

ANTENNAS

The ***Prism TM2*** uses a hidden combo antenna or roof mount combo antenna. In the future there will be more antenna options once the physical connector has changed.

Combo Hidden Antenna

Roof Mount combo Antenna

PERIPHERALS

MDT

The ***Prism TM2*** is designed to use the same peripherals or accessories that the RF and CDPD VLU and previous GPRS units uses. In addition to the same peripherals, the Prism TM2 currently has **two** inputs and **one** outputs. Input 0 is configured to work with ignition on/off and inputs 1 & 2 allow for the connection of PTOs.