

TruTrack GSM Modem

GSM Tel-Link Modem

Weatherproof GSM Cellular Telemetry system for accessing Dataloggers over the GSM Cellular (Vodafone) network.

The TruTrack GSM Tel-Link Modem is a pole mounted, fully weatherproof GSM Cellular Telemetry system used to access Logger and Weather Station data across the GSM Cellular (Vodafone) network.

The unit is fitted with a 2 meter communications cable ready for connection into GP-MC enclosures, sockets on the underside of the L Bar Equipment Arm and HR series telemetry adapters.

There is a power socket on the underside of the GSM Tel-Link Modem. This can be connected to any 12volt source including the TruTrack Solar Power Supply and mains powered plug packs.

The Tel-Link Modem is supplied with a +3dBd half wave antenna. This is connected to a TNC connector so high gain antennas can be fitted if required.

Features:

- Remote access to loggers anywhere there is GSM coverage.
- Dual Band GSM 900 / 1800 Mhz
- Fully weatherproof enclosure.
- Supplied with 2 meter communications cable.
- Requires 12V dc power supply.
- Comes complete with a +3dBd half wave antenna.

Ordering Information: GSM Tel-Link Modem

Specifications:

GSM Tel-Link Modem:

Dual Band GSM	900 / 1800 Mhz
Max Power Output	2W(900Mhz), 1W(1800Mhz)
Power Requirement	Input Voltage 5V to 32V dc Max Current at 12 volt 350mA Idle mode 8mA
Material	Polycarb
IP Rating	66
Height (no Antenna or Bracket)	160mm
Height with Antenna and Bracket	450mm
Width	80mm
Depth with mounting Bracket	120mm



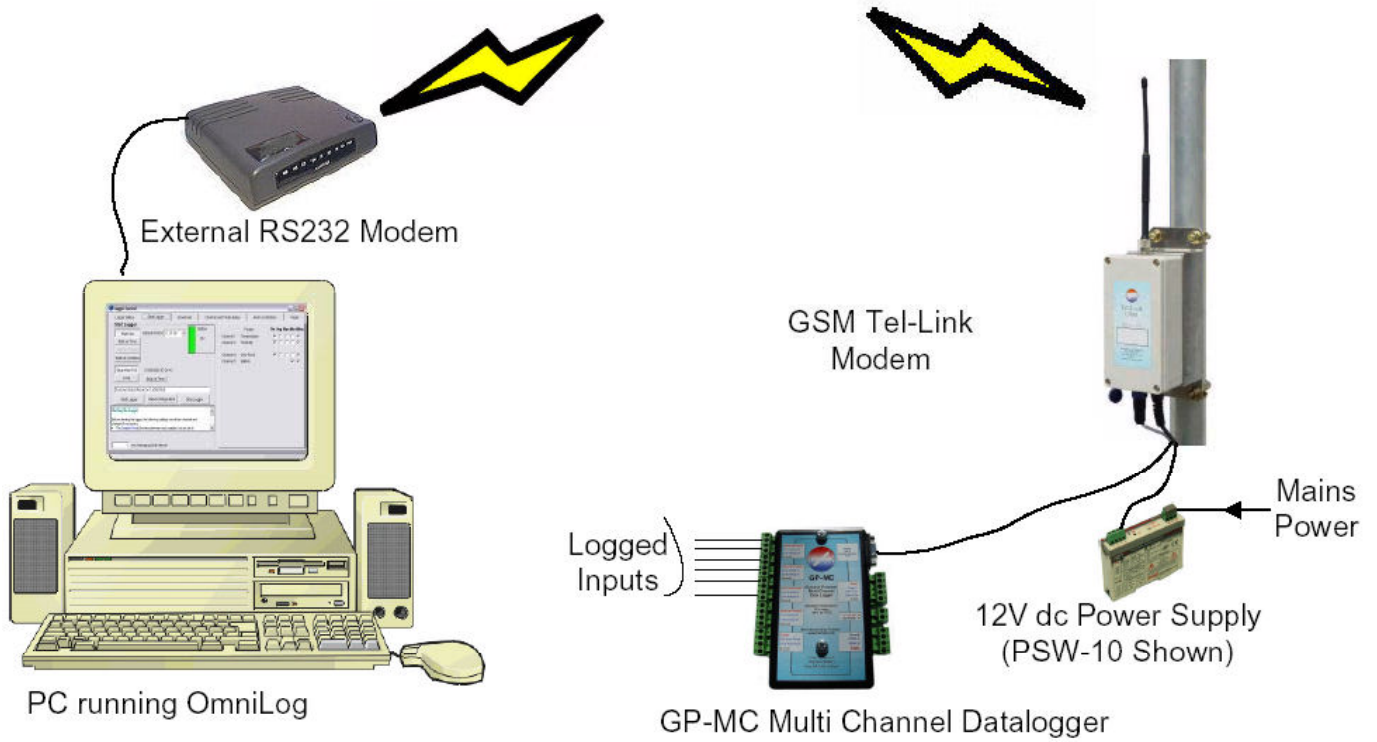
Organizing SIM cards for Tel-Link GSM Modems:

You will need to get a SIM card from a GSM cellular carrier (i.e. Vodafone). The SIM needs to be activated and then you need to know BOTH the VOICE number and DATA number that the carrier assigns to the SIM card. When the SIM is activated, the carrier must be told that the Over Air baud rate must be limited to 9600 and the bearer service set to B16. Once we know the DATA number for the SIM card the Cell Modem can be setup in OmniLog.

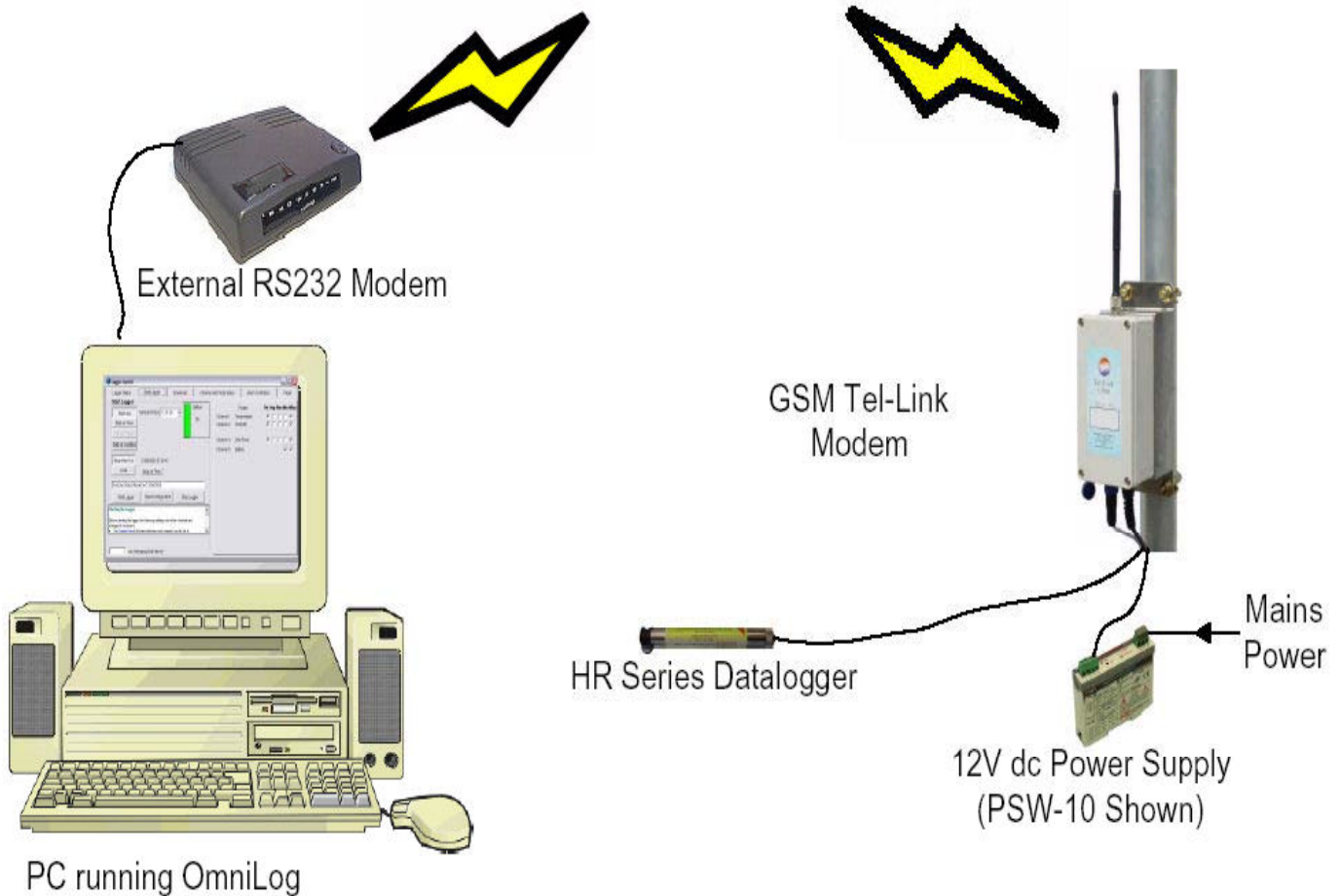
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Warning: These products are not designed for use in, and should not be used for patient connected applications. In any critical installation an independant fail-safe back-up system must always be implemented.

GSM Tel-Link Modem GP-MC Connection Schematic:



GSM Tel-Link Modem HR Logger Series Connection Schematic:



Please Note: Due to the different frequencies used by GSM networks worldwide etc; **we only support using the GSM Tel-Link Modem within New Zealand.**