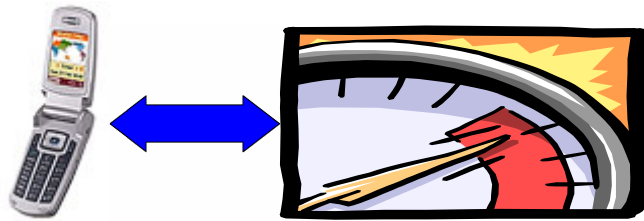


Tel-me.info Product Description and Preliminary Specification **REV: 1.0 15th April 2004**



Product Description:

The Tel-me.info remote product family comprises of a number of products designed for monitoring and control of remote assets using GSM text messaging (SMS). The first product to be released is a simple monitoring and control system that uses a standard mobile phone over the GSM network. The system is operator independent and can be used to or from anywhere in the world. Future additions to the range will include interfaces and software that will allow operation from PDA (personal digital assistant) and PC (personal computer) devices via a GSM modem or connected mobile phone. The basic system comprises of 4 elements:

- The remote unit itself together with the remote assets to be monitored and/or controlled
- The GSM network message carrier (operator) service
- A mobile phone capable of GSM text messaging (SMS)
- The user(s)

Communication is by means of simple text messages in a special format that allows a high degree of security (up to 6 digit PIN) whilst allowing a flexible naming system for monitored and controlled functions.

Features

- Simple user interface – uses standard text messages
- Low Power Consumption, typically less than 0.5watts
- Can be solar powered by small installation
- Almost unlimited range using GSM network
- 1 mobile phone can monitor and control many remote units
- Can be used to summon duty engineer on failure
- Automatically sends alarm messages when out of tolerance condition exists
- Regular scheduled reports may be programmed
- Interrogate on demand functions
- Logging possible (using PDA or PC only)

Preliminary Specification

- Supply Voltage: 11 – 30v DC, AC powered models available on request
- Supply current: 40mA DC typical average consumption¹
- Size Approximately 300mm x 300mm x 80mm
- Standard Enclosure IP55 durable Plastics material (special enclosures to IP65 or better available to order)
- Weight approximately 1.5Kg (includes 12v backup battery)
- Connections via internal rising clamp barrier terminals
- Standard remote magnetic GSM antenna with 1.5m lead (approx. 70mm high x 30mm diameter)

Further Information

A command manual can be found at:

<http://www.oliver1.co.uk/tel-me/tel-me-commands.pdf>

A demonstration system is currently running almost continuously and can be accessed by sending the following command message:

DEMO123 NUMBER 447*****

Type the message EXACTLY as the line above (upper case only and the O is an oh as in demo) but replace the 9 asterisks with the remainder of your valid UK mobile number. This number will receive a demonstration report from the system.

Send the message to: 07708728931

Note that the demonstration is limited to a report for obvious security reasons, none of the control command functions will operate. The response should arrive within 2 or three minutes depending on network latency and traffic volume. The demonstration may be switched off when being transported or when undergoing update.

All Enquiries and for further information and pricing, please contact:

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¹ Consumption with no relay coils activated on control outputs. Each active relay coil adds approximately 10mA. Consumption stated is static when not transmitting, occasional peaks of up to 1A will be required for use of GSM during transmit.