

# 9100 GSM & GPRS Telemetry Module

The 9100-GSM Telemetry Engine is a low cost, M2M, universal GSM/GPRS module which can transmit and receive analogue, digital and pulse counter data to any device connected to the GPS/GPRS network such as mobile phones, Web Sites or other X9100-GSM Telemetry Engines.

The 9100 Configuration and Simulator Software can be downloaded opposite and used to create and test all the features of the 9100-GSM.



## FEATURES

- Automatic connection to the GSM/GPRS Network. No AT Instructions required.
- Measurement and Control by GPRS and low cost SMS messages to SCADA, dedicated Web Site or Server
- Powerful PC Configuration Utility and Simulator.
- Remote Configuration by SMS Messages or GPRS.
- Real Time Clock for Logging and Watch Dog SMS
- LCD Display for local display of parameters and status
- Data Logging
- 8 Digital Inputs.
- 4 Pulse Counter Inputs, 32 Bit.
- 8 Digital Outputs.
- 4 Analogue Inputs.
- Transparent Serial Data using low cost SMS Messaging or GPRS.
- Local Control by configuring Inputs to trigger Outputs.
- 128K FRAM Memory.
- DIN Rail Mounted
- PC Monitoring and Logging Software.
- Size: 68mm by 77mm by 25mm
- Power supply 6V to 26V.
- 12V Battery Charger Output and Solar Panel Regulator

## APPLICATIONS

- **Alarm Monitoring using Multiple Mobile Phones**  
Individual digital, analogue and pulse counter inputs can trigger SMS and GPRS alarms messages and send them to individual or multiple mobile phones or send them simultaneously to a dedicated Web Site. The Real Time Clock can be set to send the status of any or all of the inputs at pre-set times.
- **Data Logging.**  
The 9100-GSM Engine can be configured to store values from the analogue inputs, Counter Inputs and Digital Inputs at preset times or when the value changes by a pre-set amount. The data is stored in the 128K Flash Memory and either down-loaded on request or at pre-set times.