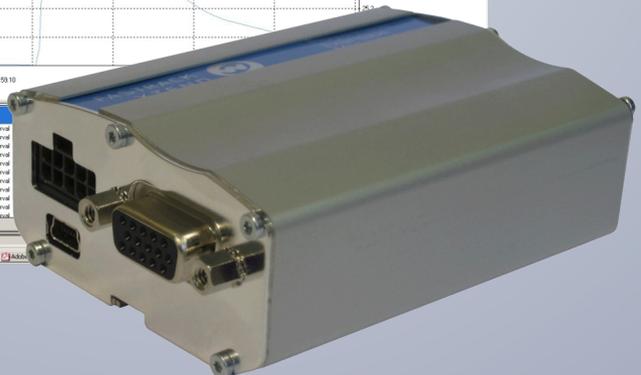
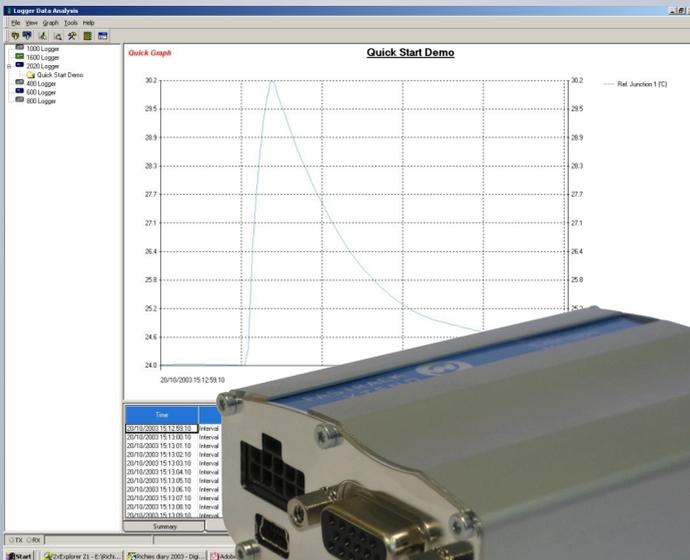


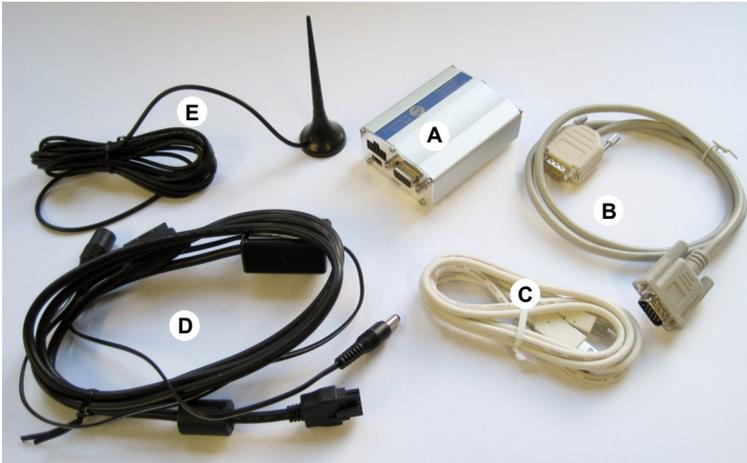
Squirrel Data Logger

GSM Modem for SQ2010\20\40

Getting Started



Equipment Checklist



GSM Modem Pack contents

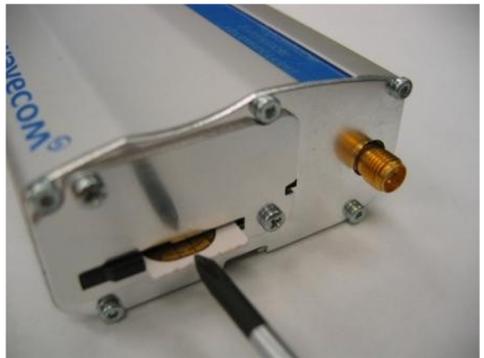
- A) GSM Modem
- B) RS232 Lead
- C) USB lead (currently not used)
- D) Power lead
- E) Aerial

Equipment Setup

- 1 Insert a suitable date enabled SIM card into modem.

Use a tool to help push the SIM card with circuit side up, into the SIM holder. Push the SIM card all the way in until you hear a clicking sound.

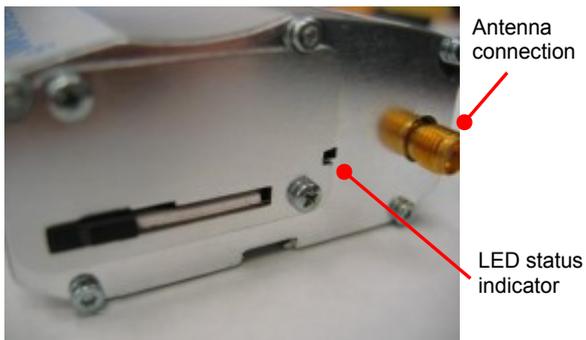
- 2 Slide the SIM lock switch to lock the SIM card in place



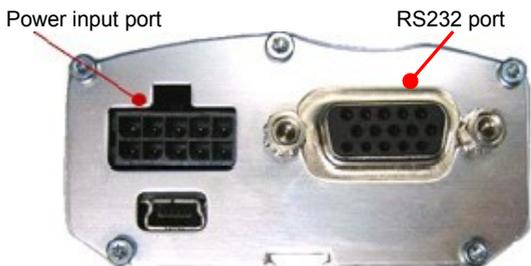
Do not connect power to the modem at this stage

For further information on the correct SIM card to use, see 'SIM card and GSM configuration' Hints and Tips also available on the Accessory Support page of the Grant website,

3 Connect antenna to modem

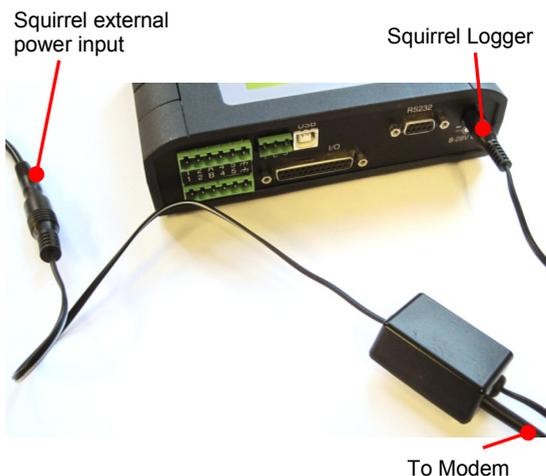


4 Connect the RS232 cable between modem and Squirrel data logger



5 Connect power cable between modem, logger and the external power input.

For Loggers manufactured before 2005, a different power cable is required. Contact Grant Instruments for further information.



6 Power the Squirrel data logger using the external power input

The Squirrel must be powered via its external power input for GSM modem to operate

LED Status Indicator

The Fastrack Xtend Modem has a red LED that indicates the current operational status of the device

Fastrack Xtend	LED Status	Fastrack Xtend Status
ON	Permanently lighted	The Fastrack Xtend is switched ON, but not registered in the network.
	Flashing slowly LED is ON for 200ms, OFF for 2s	The Fastrack Xtend is switched ON and is registered in a network (Idle mode).
	Flashing rapidly LED is ON for 200ms, OFF for 600ms	The Fastrack Xtend is switched ON and is registered in a network (Non-Connected mode).
	Very quick flash LED is ON for 100ms, OFF for 200ms	The Fastrack Xtend is switched on, and the software downloaded is either corrupted or non-compatible ("BAD SOFTWARE").
OFF	OFF	The Fastrack Xtend is either switched OFF, or the Flash LED has been disabled by the user*.

7 Equipment setup is now complete

The next stage is to configure and setup the Squirrel View for using a GSM Modem. For further information on this see the 'GSM optimisation and connection' guide available on the Technical Tips page of the Grant website, www.grant.co.uk

Contact Grant Instruments for further information

Grant

**Grant Instruments
(Cambridge) Ltd**

Shepreth,
Cambridgeshire
SG8 6GB

Tel: +44 (0)1763 260811
www.grant.co.uk
acquisitiontech@grant.co.uk
Fax: +44 (0)1763 262410